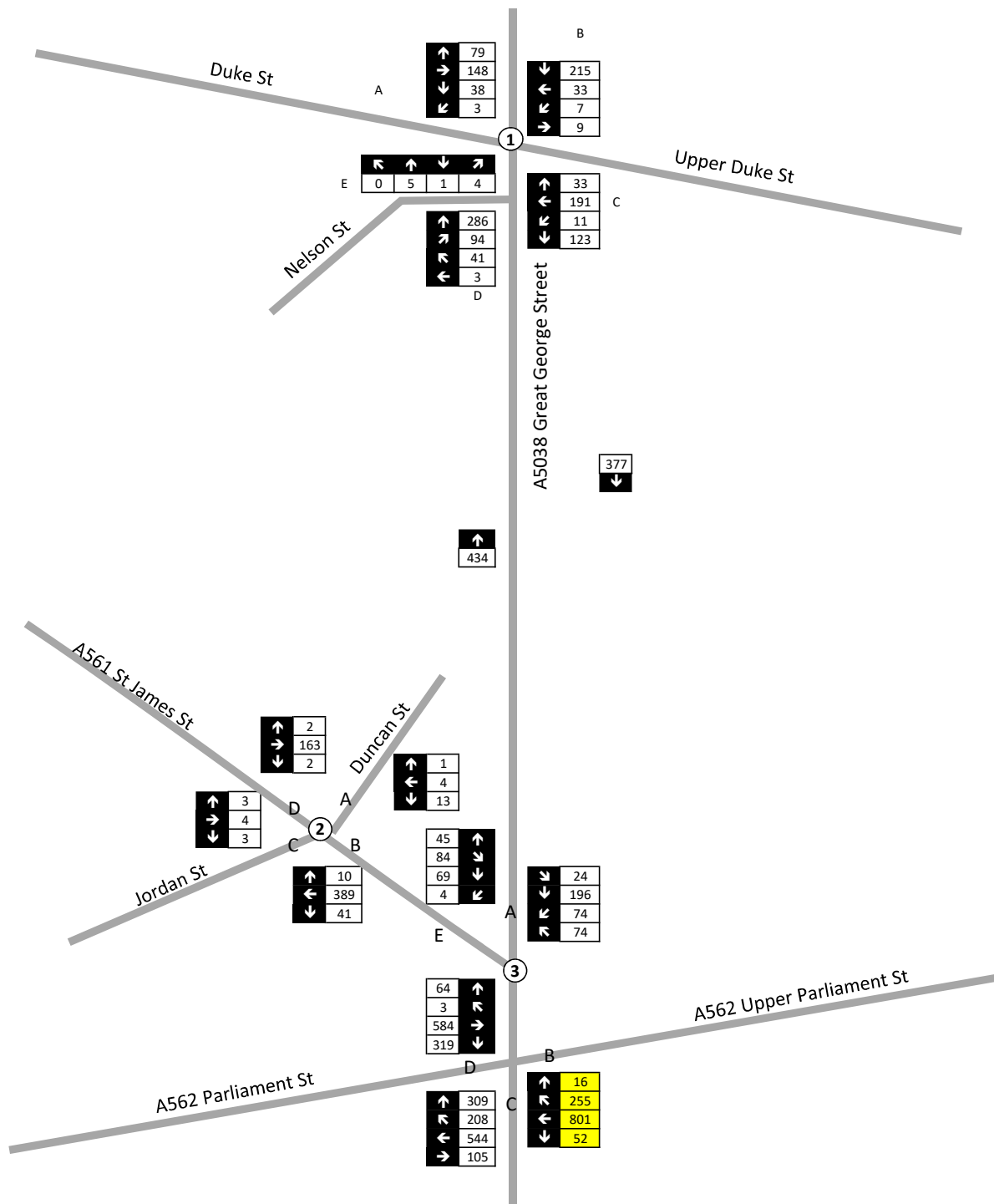
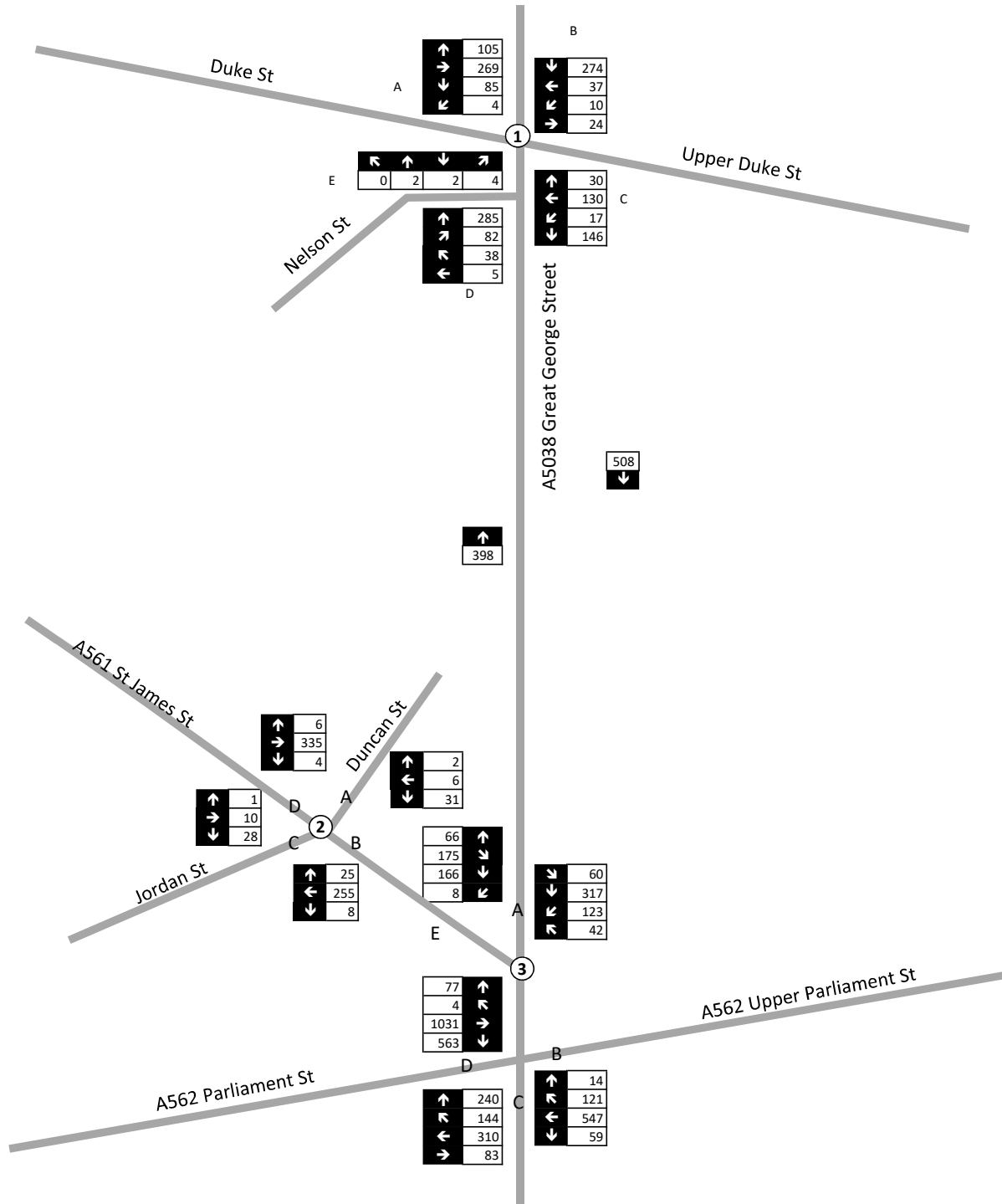
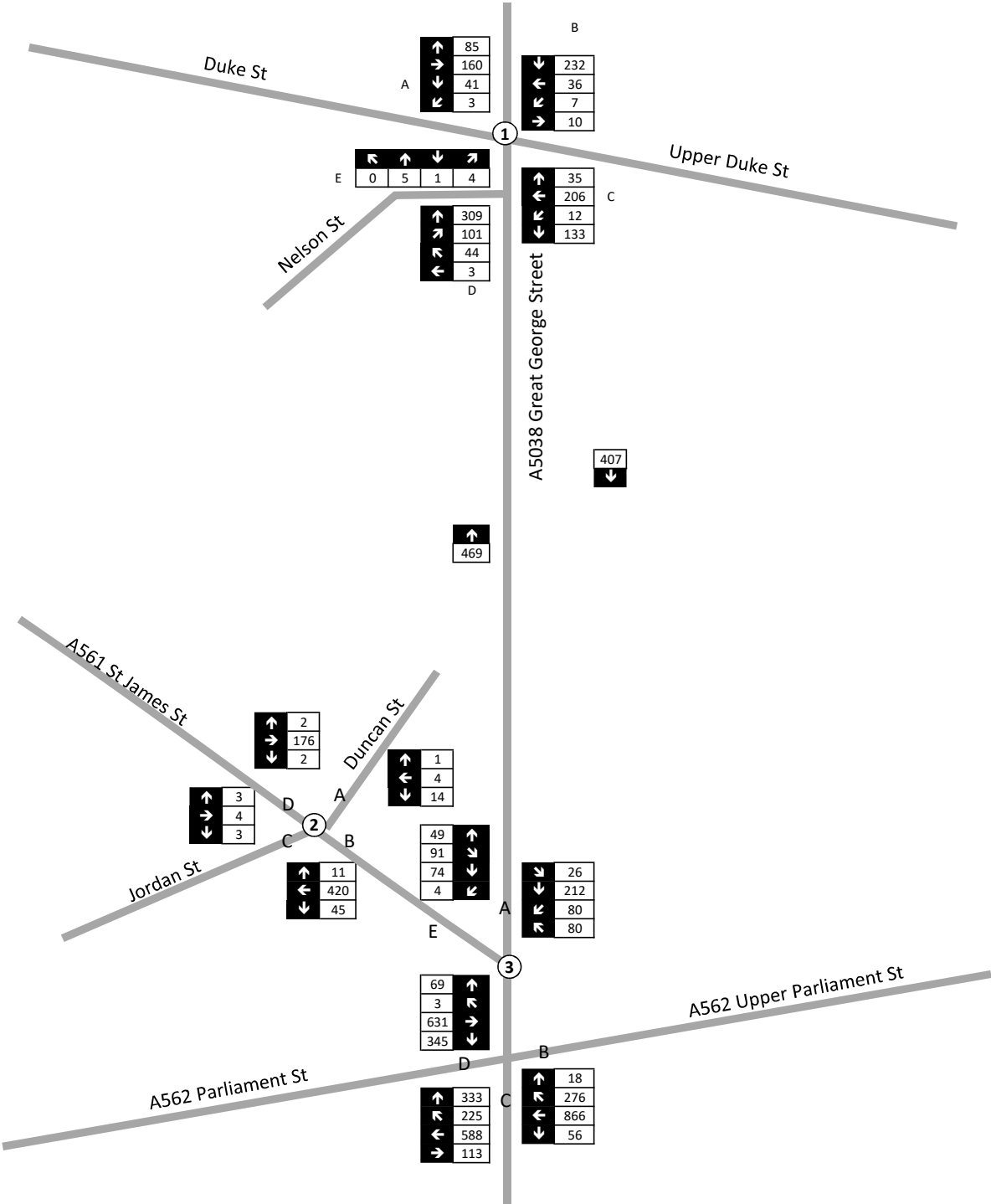


## Appendix E

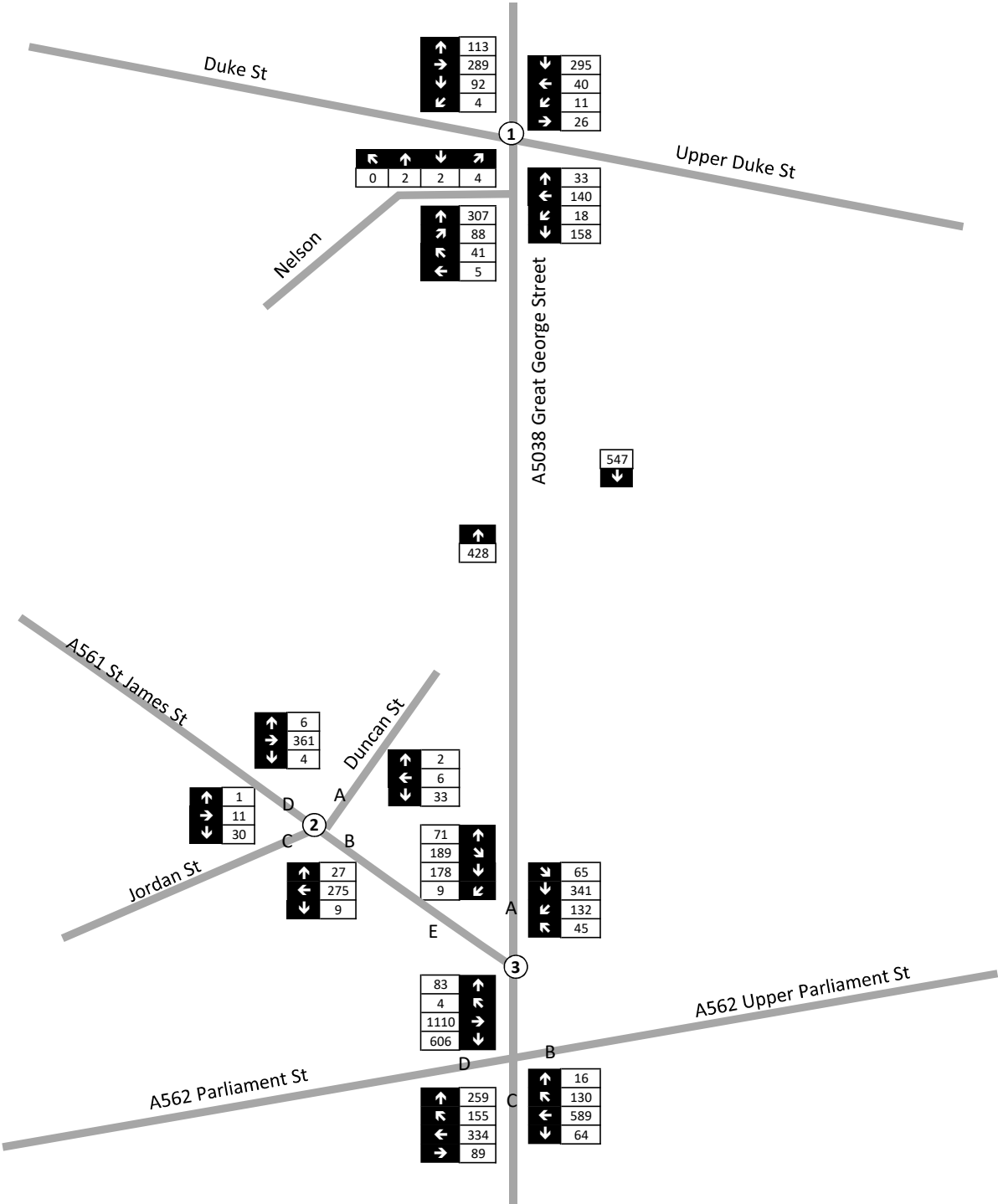
### Base Flows







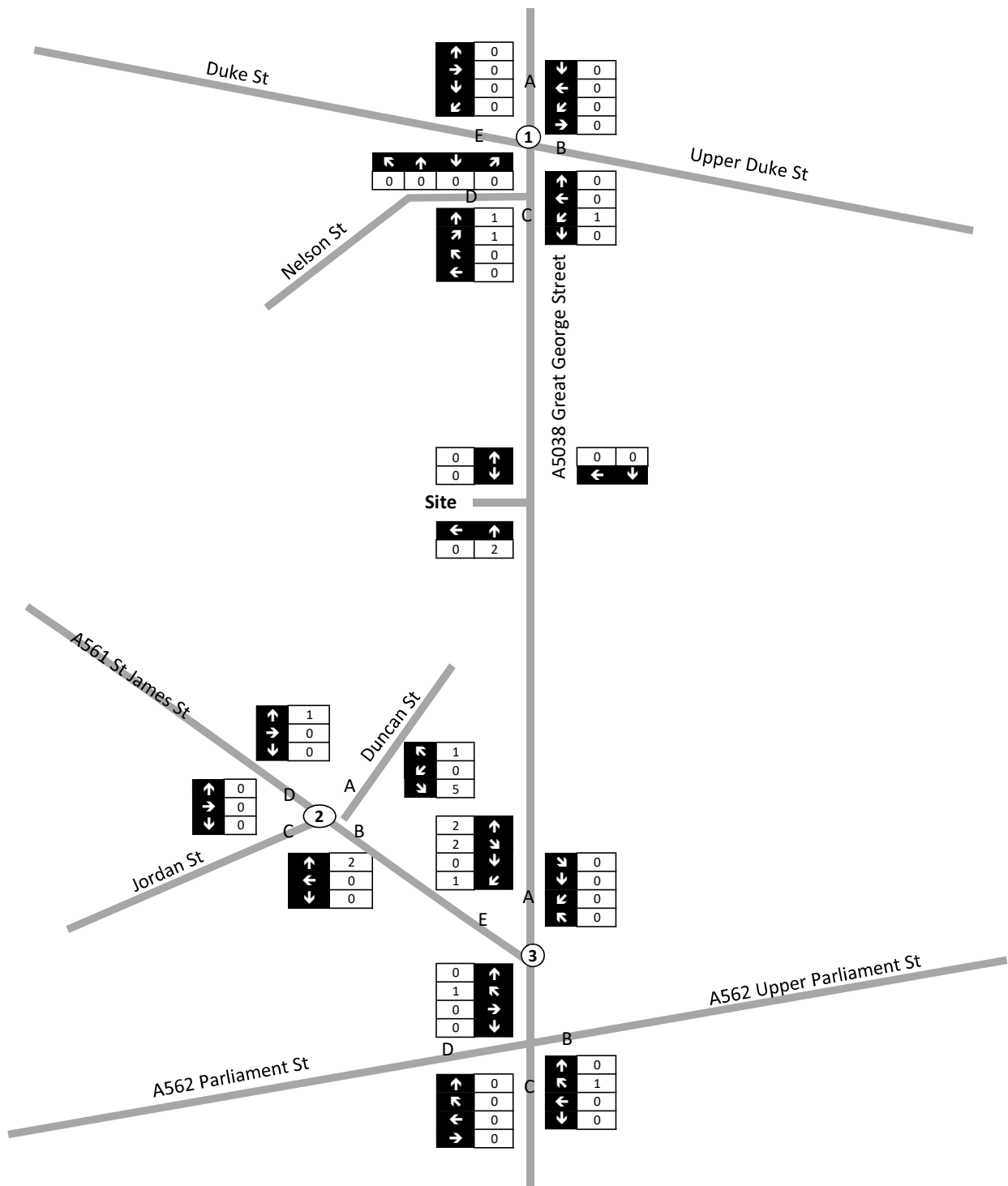


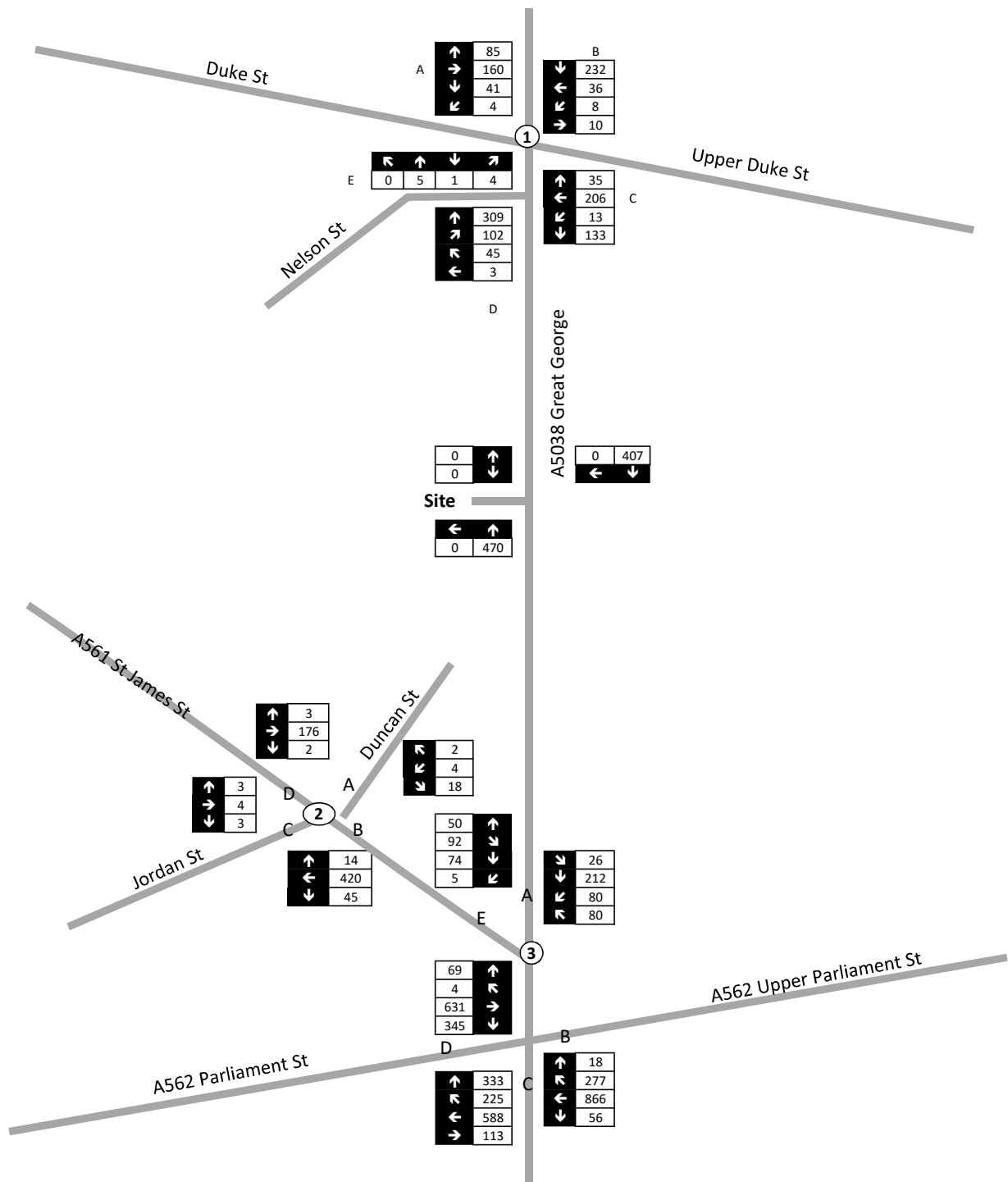


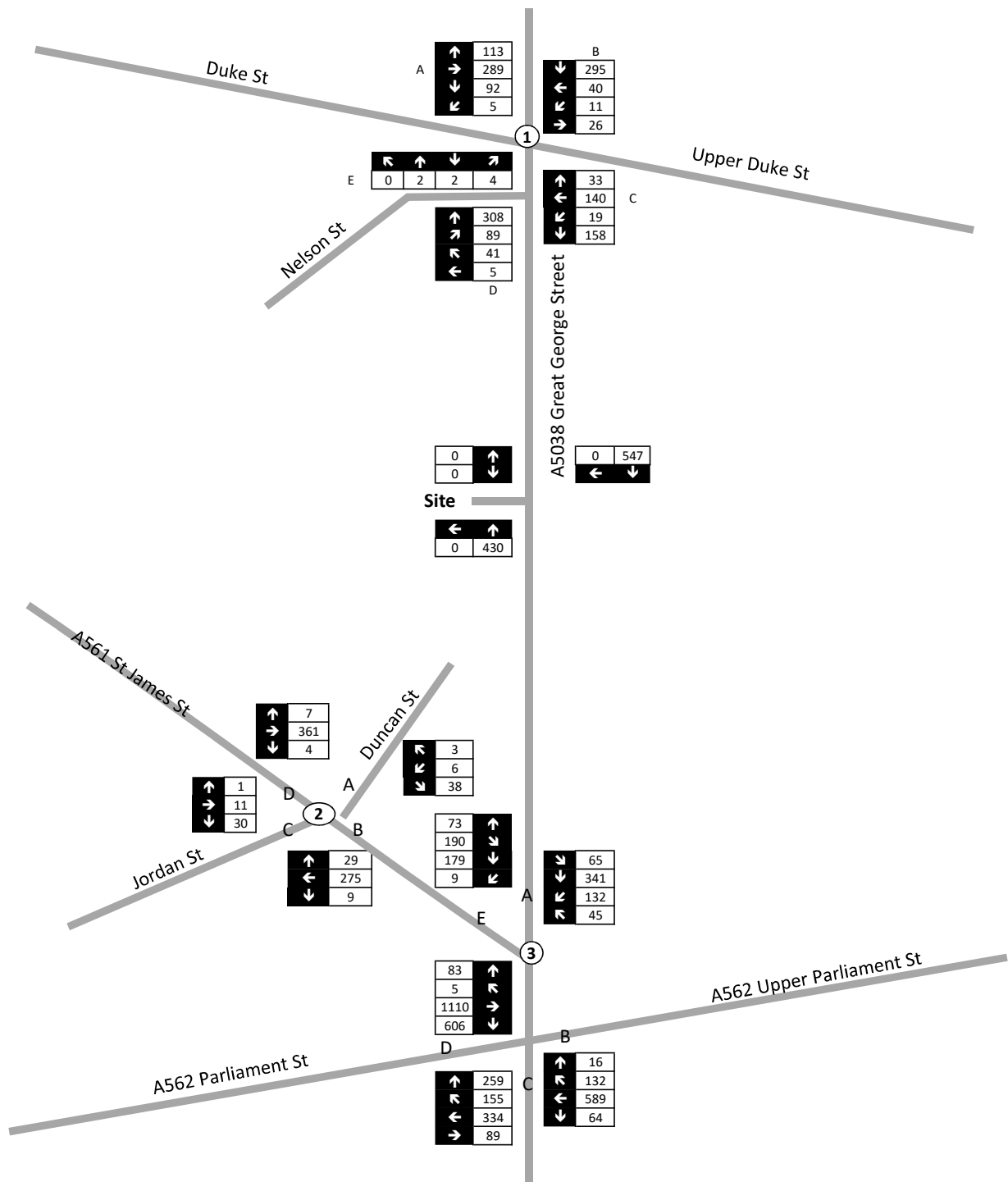
## **Appendix F**

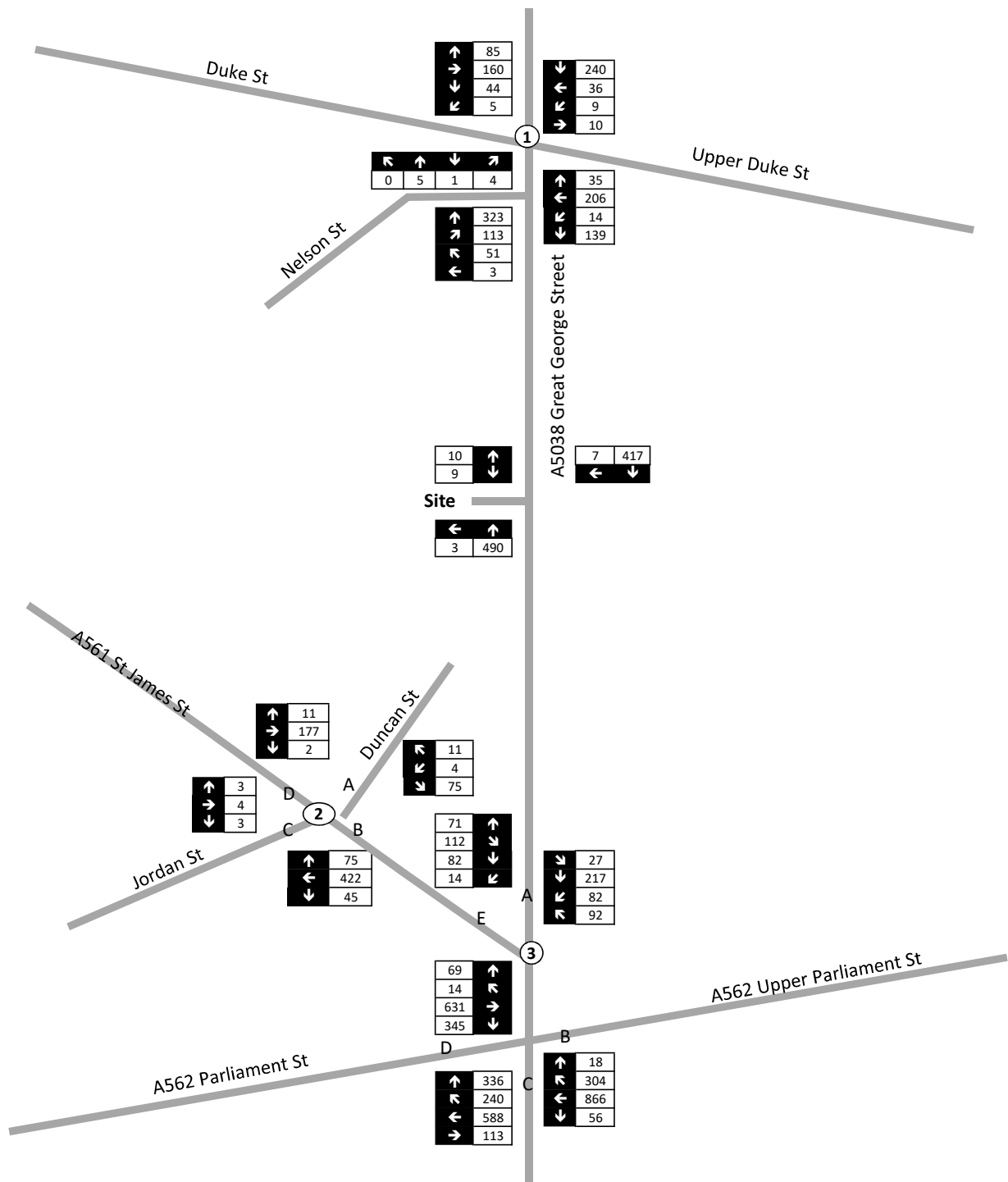
### **Committed Development Trips**

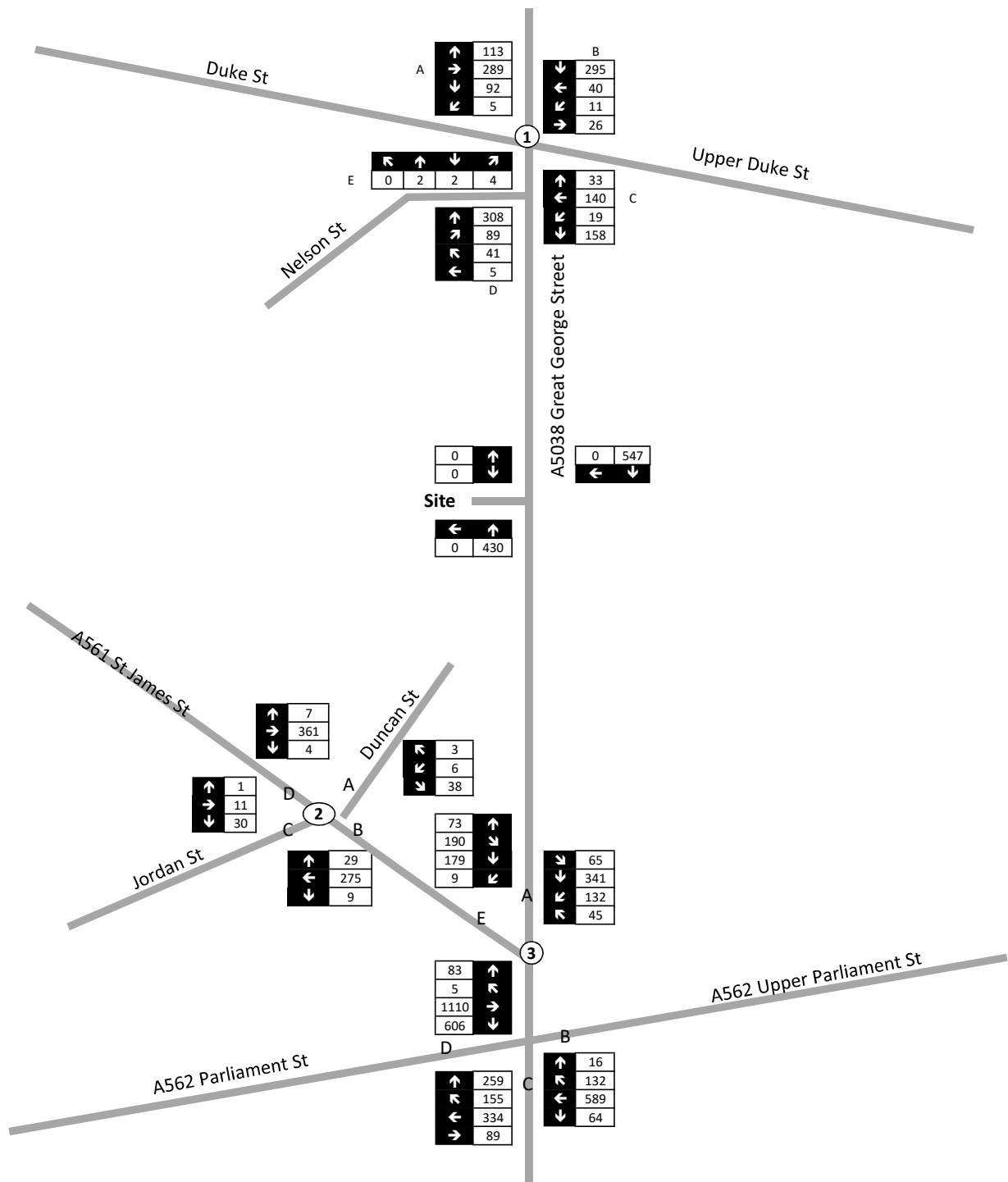








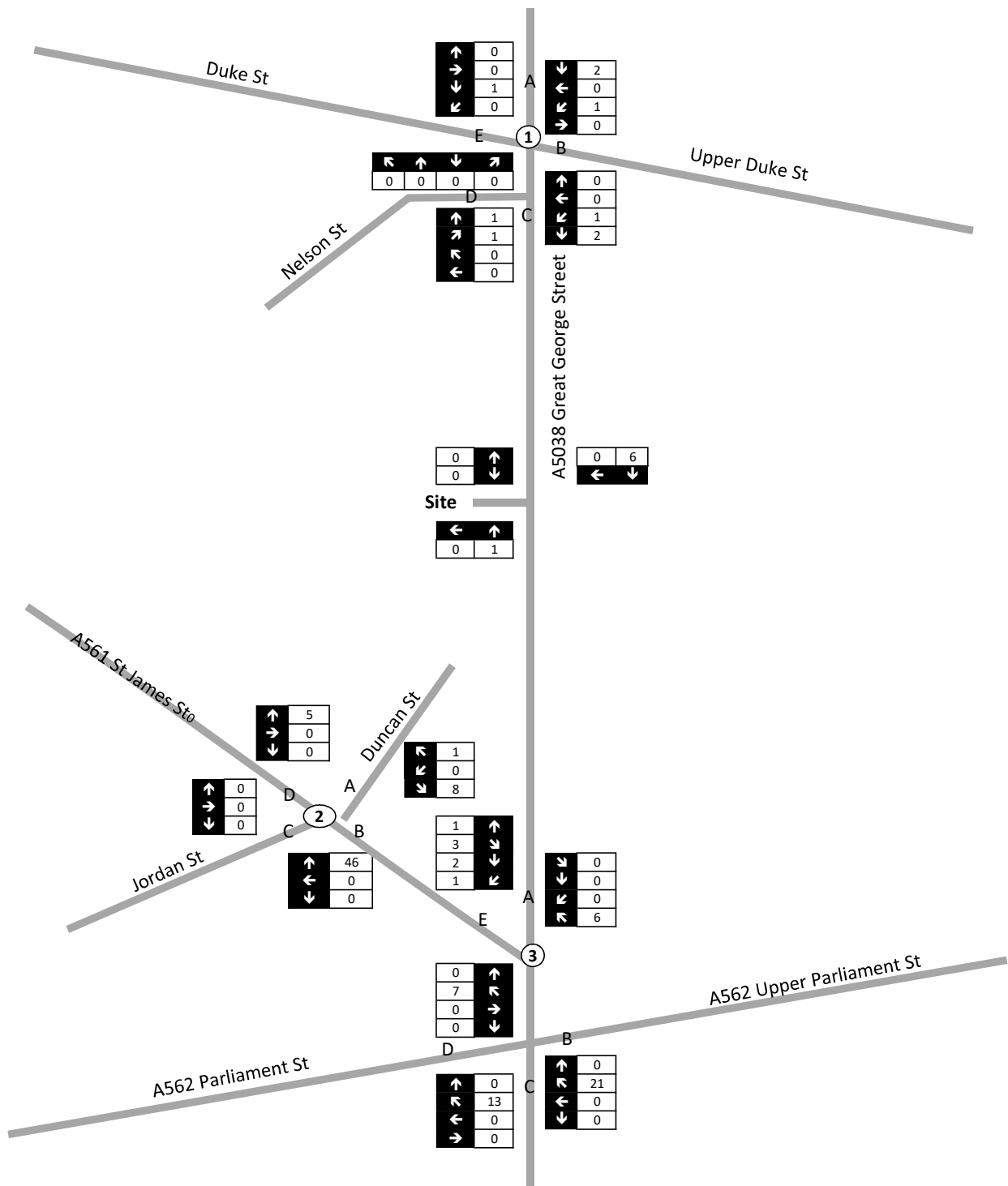


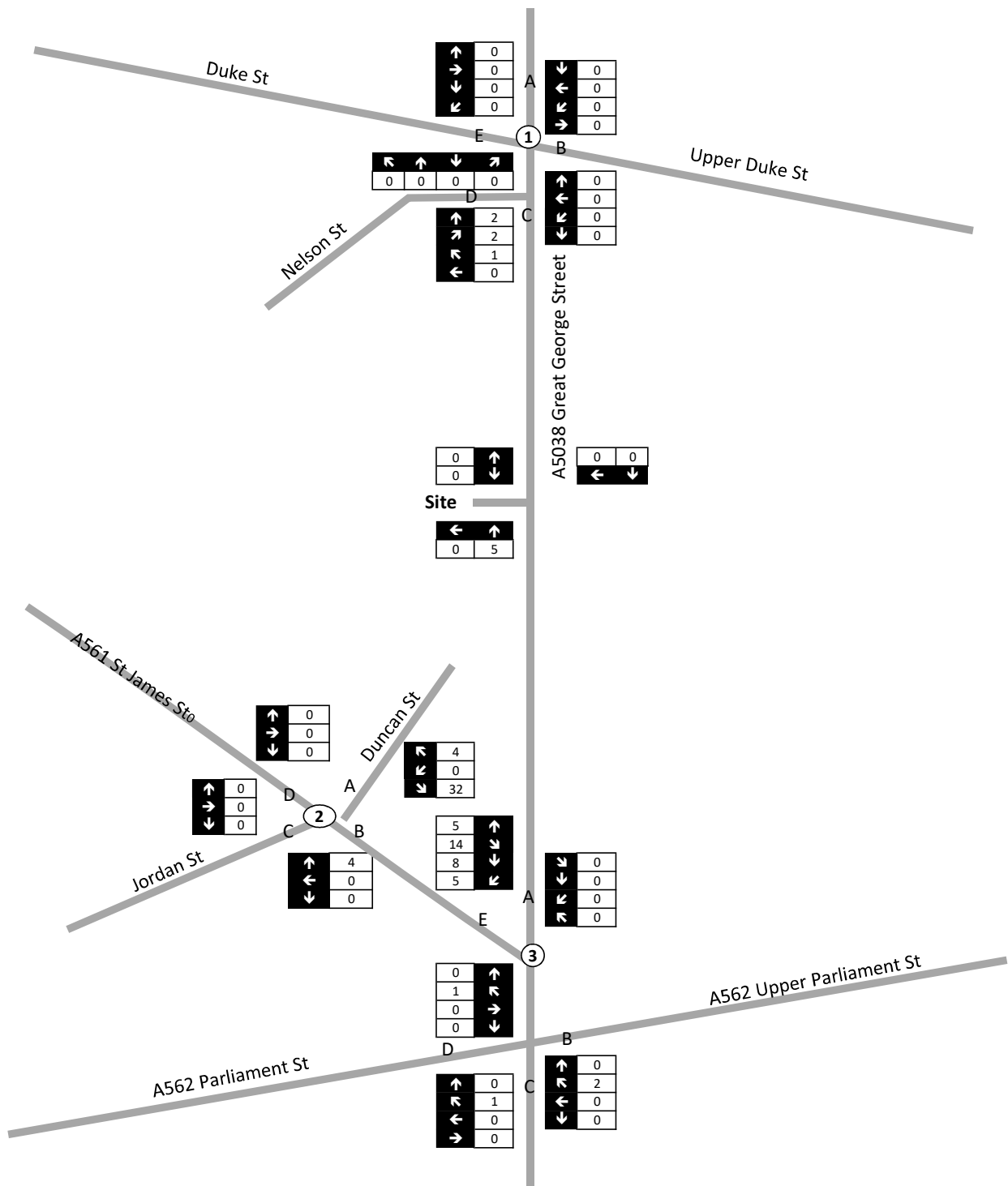


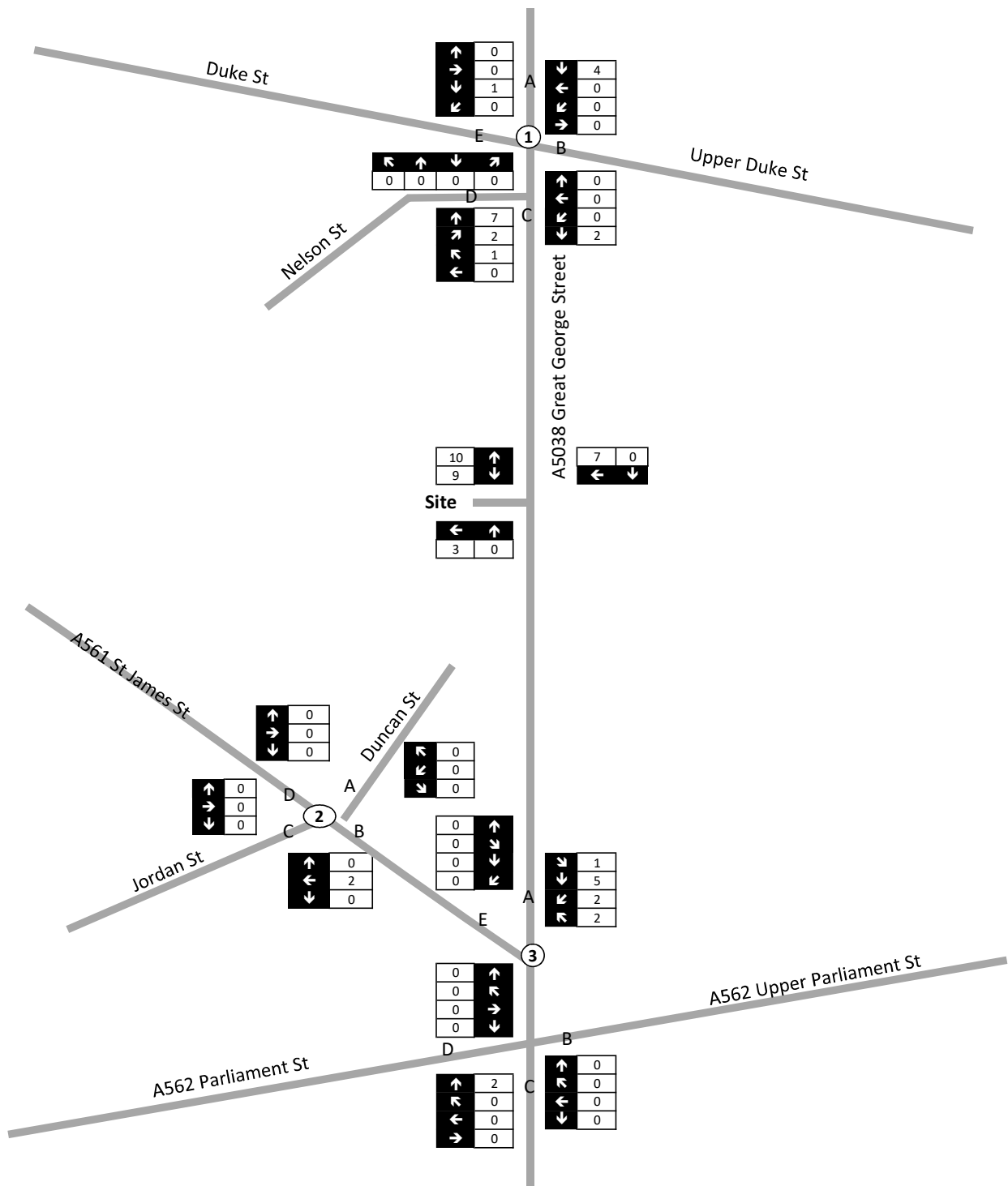


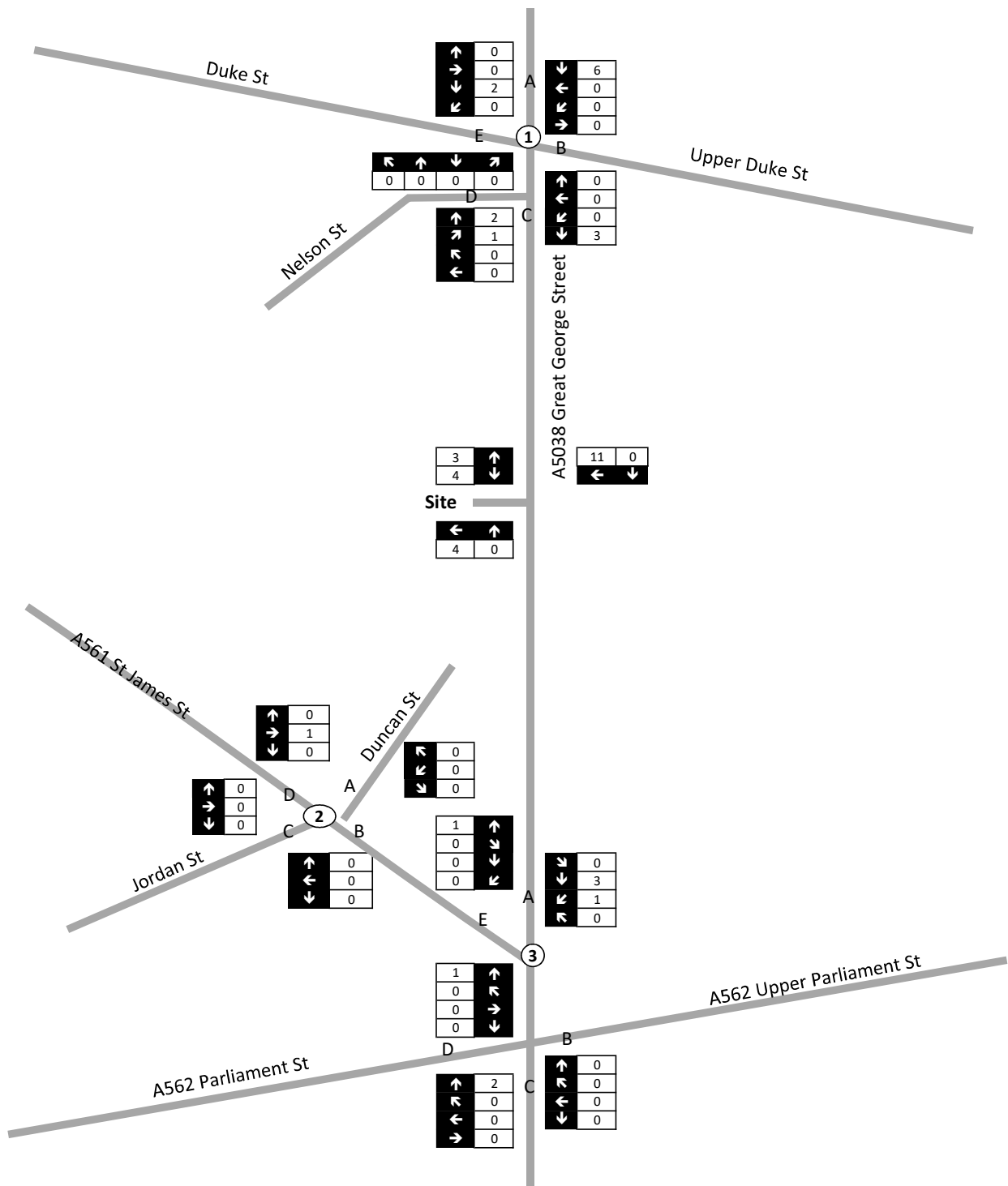
## Appendix G

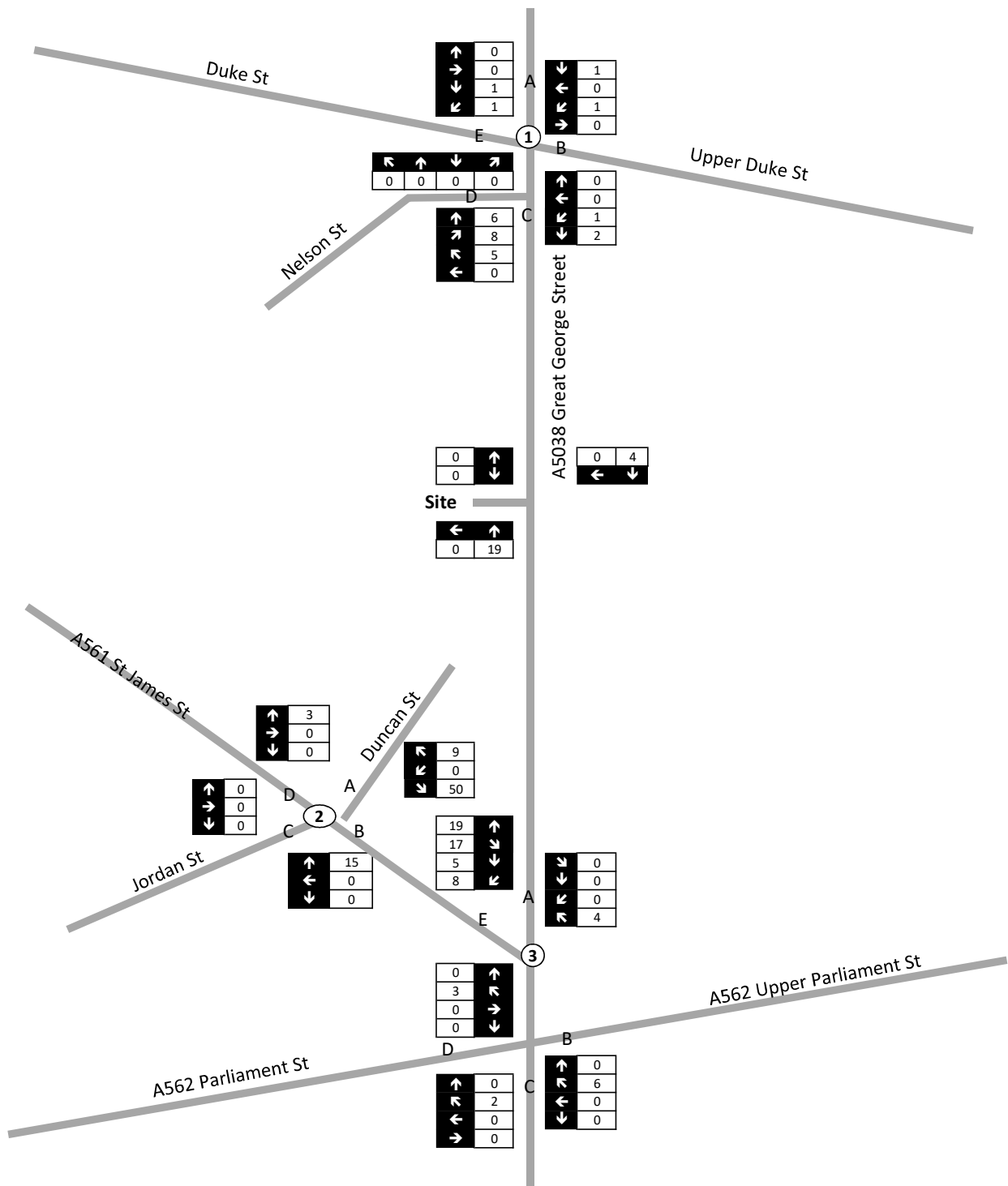
### GGIS Development Trips



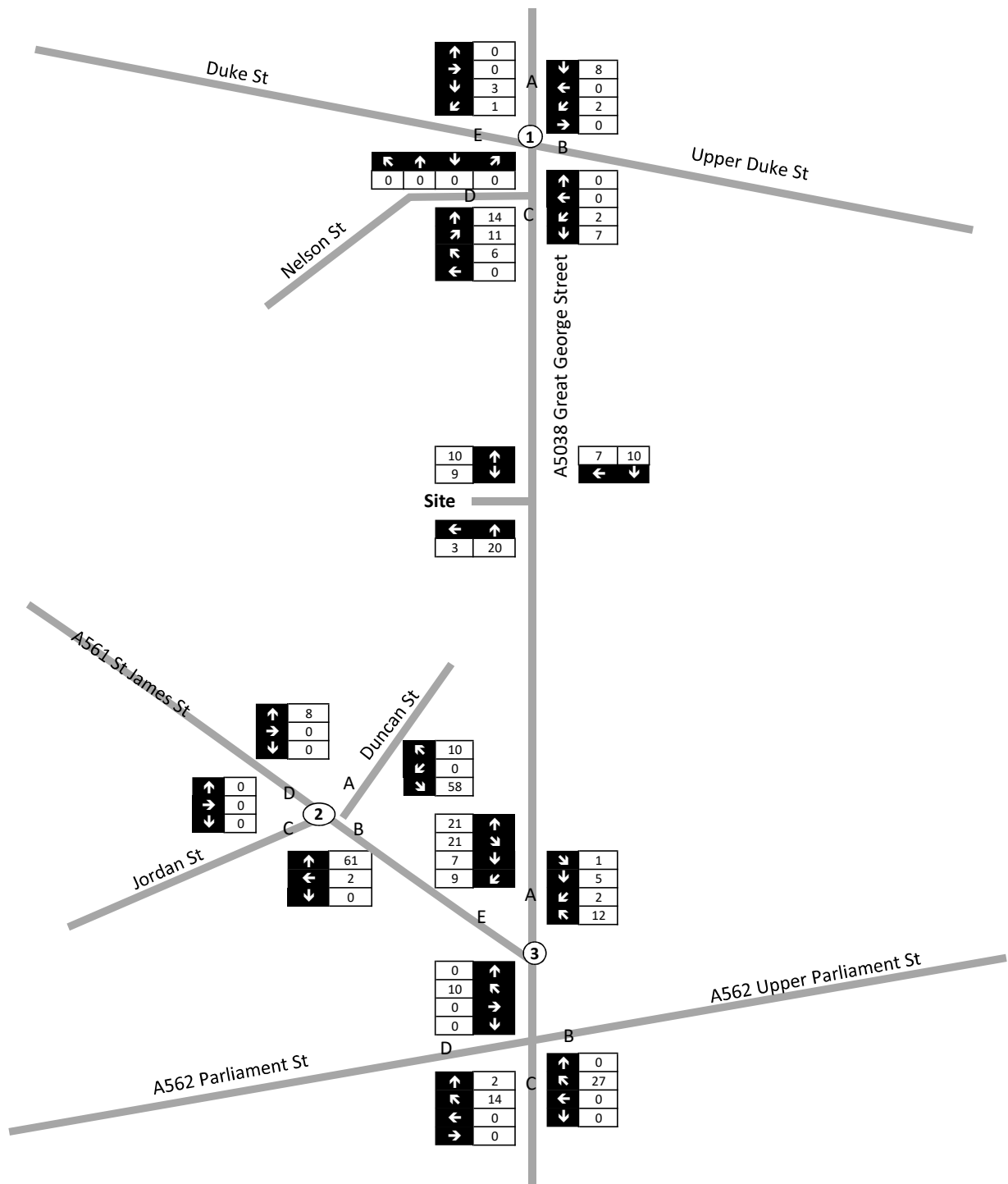




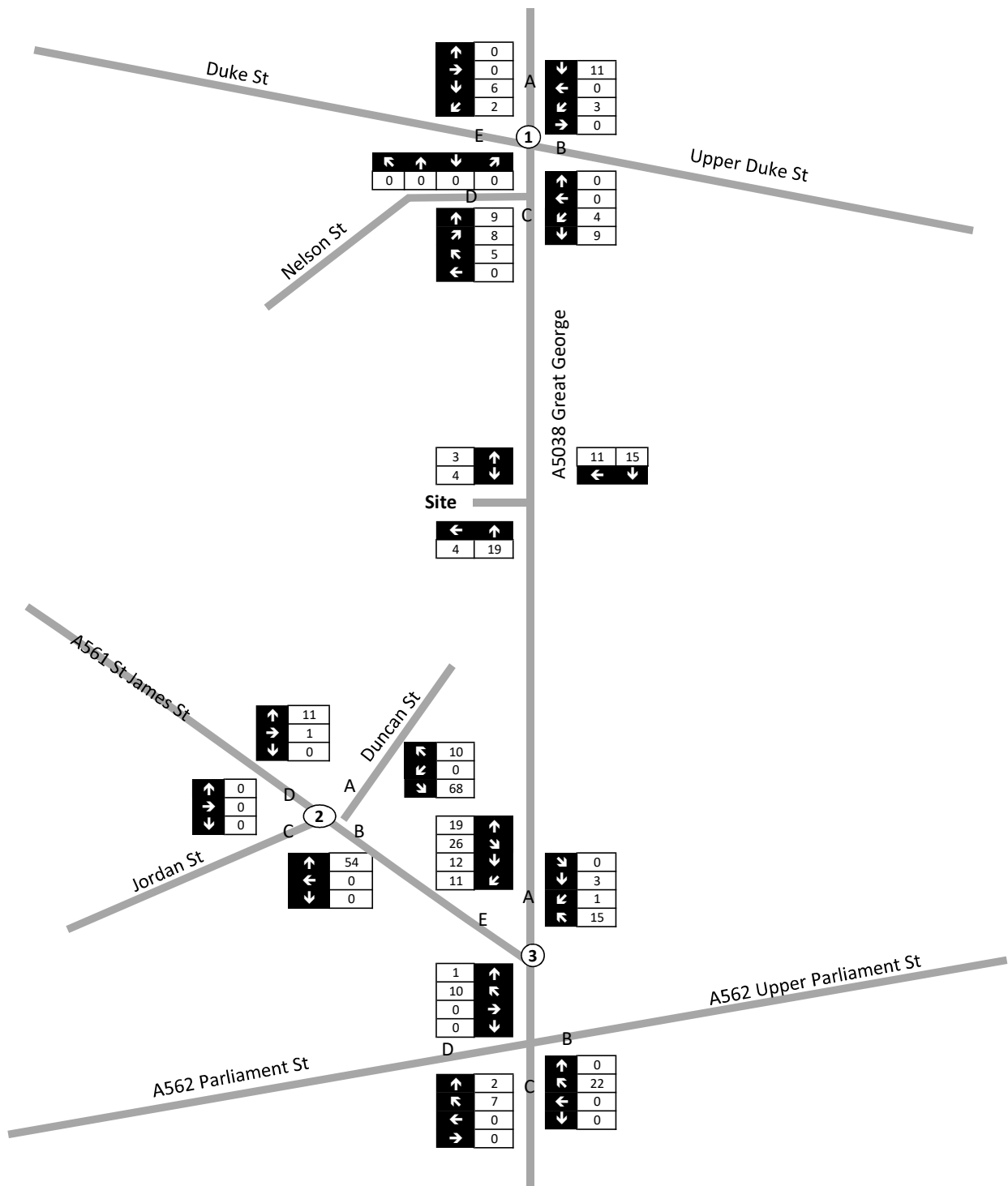












## Appendix H

### TRICS Outputs

Calculation Reference: AUDIT-701005-180802-0823

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLES

Selected regions and areas:

08	NORTH WEST	
	GM GREATER MANCHESTER	2 days
09	NORTH	
	CB CUMBRIA	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

Secondary Filtering selection:

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

Parameter: Number of dwellings

Actual Range: 20 to 154 (units: )

Range Selected by User: 6 to 154 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 19/09/07 to 18/09/17

*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:

Wednesday	1 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	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 undertaken using machines.*

Selected Locations:

Town Centre	4
-------------	---

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

Selected Location Sub Categories:

Residential Zone	1
Built-Up Zone	3

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

Secondary Filtering selection:

Use Class:

C3	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®.*

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## Secondary Filtering selection (Cont.):

Population within 1 mile:

25,001 to 50,000

4 days

*This data displays the number of selected surveys within stated 1-mile radii of population.*Population within 5 miles:

75,001 to 100,000

2 days

500,001 or More

2 days

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

0.6 to 1.0

2 days

1.1 to 1.5

2 days

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

No

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	CB-03-C-01 KING STREET CARLISLE	BLOCK OF FLATS		CUMBRIA
	Town Centre Built-Up Zone Total Number of dwellings:		40	
	Survey date: THURSDAY		12/06/14	Survey Type: MANUAL
2	GM-03-C-02 WHITWORTH STREET W. MANCHESTER	BLOCK OF FLATS		GREATER MANCHESTER
	Town Centre Built-Up Zone Total Number of dwellings:		154	
	Survey date: THURSDAY		13/10/11	Survey Type: MANUAL
3	GM-03-C-03 FAIRFIELD STREET MANCHESTER	BLOCK OF FLATS		GREATER MANCHESTER
	Town Centre Built-Up Zone Total Number of dwellings:		20	
	Survey date: FRIDAY		14/10/11	Survey Type: MANUAL
4	HI-03-C-01 SHORE STREET INVERNESS	FLATS		HIGHLAND
	Town Centre Residential Zone Total Number of dwellings:		38	
	Survey date: WEDNESDAY		20/05/09	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.*

Arup Rose Wharf Leeds

Licence No: 701005

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

MULTI-MODAL VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.016	4	63	0.044	4	63	0.060
08:00 - 09:00	4	63	0.028	4	63	0.060	4	63	0.088
09:00 - 10:00	4	63	0.020	4	63	0.028	4	63	0.048
10:00 - 11:00	4	63	0.024	4	63	0.032	4	63	0.056
11:00 - 12:00	4	63	0.020	4	63	0.016	4	63	0.036
12:00 - 13:00	4	63	0.024	4	63	0.020	4	63	0.044
13:00 - 14:00	4	63	0.032	4	63	0.044	4	63	0.076
14:00 - 15:00	4	63	0.020	4	63	0.036	4	63	0.056
15:00 - 16:00	4	63	0.040	4	63	0.020	4	63	0.060
16:00 - 17:00	4	63	0.067	4	63	0.044	4	63	0.111
17:00 - 18:00	4	63	0.079	4	63	0.063	4	63	0.142
18:00 - 19:00	4	63	0.063	4	63	0.036	4	63	0.099
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.433			0.443			0.876

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

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

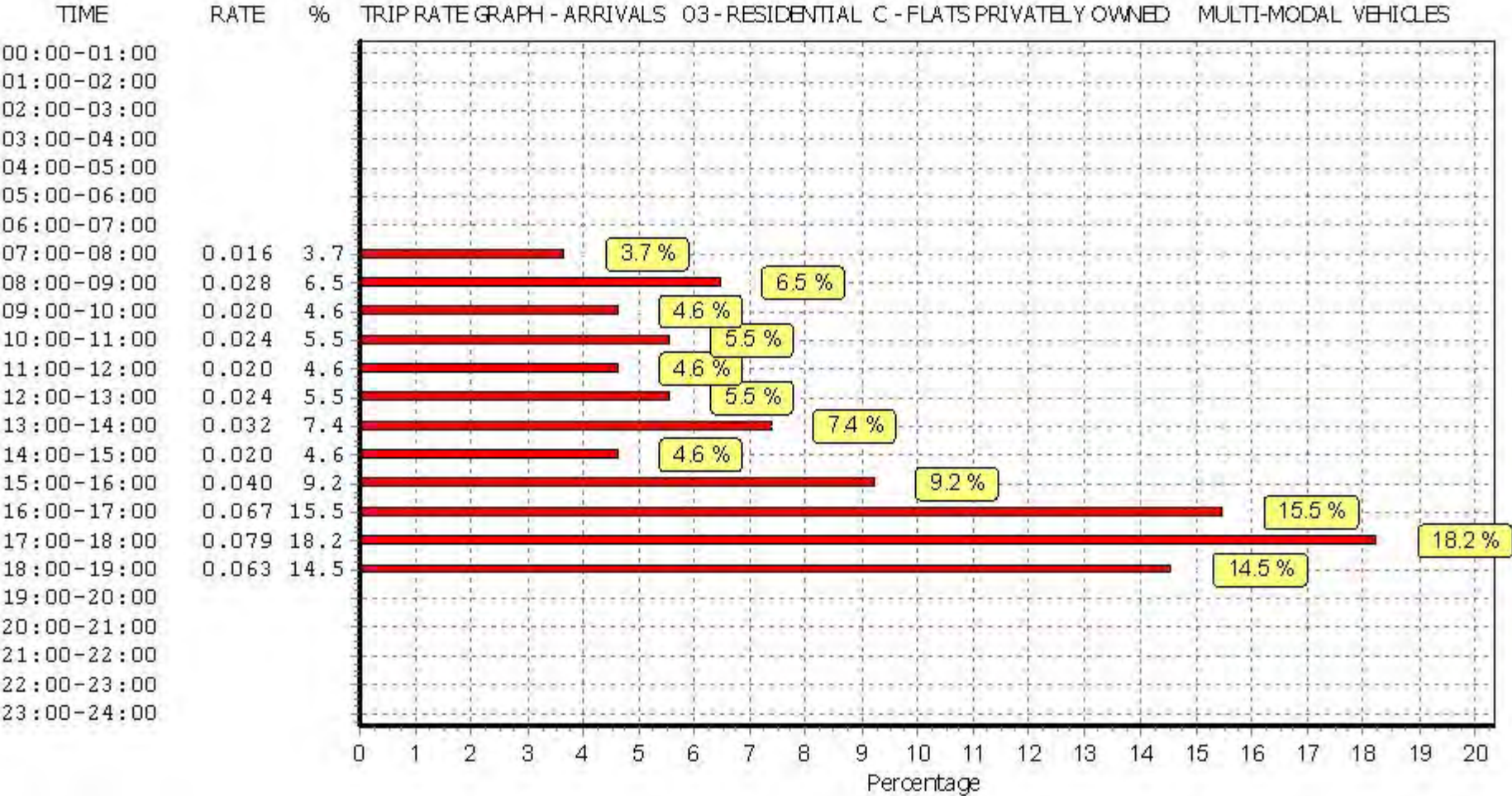
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#### Parameter summary

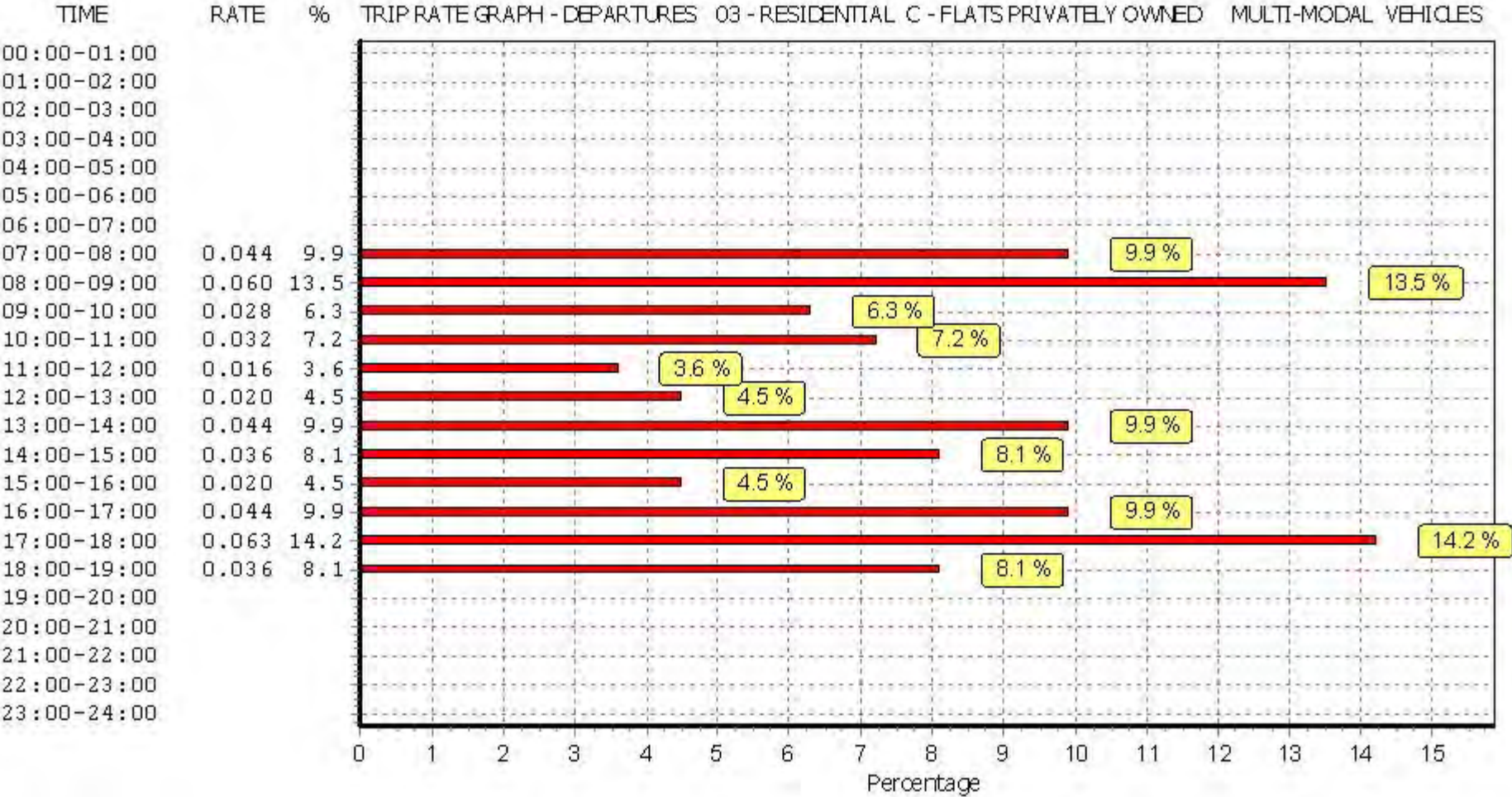
Trip rate parameter range selected:	20 - 154 (units: )
Survey date date range:	19/09/07 - 18/09/17
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

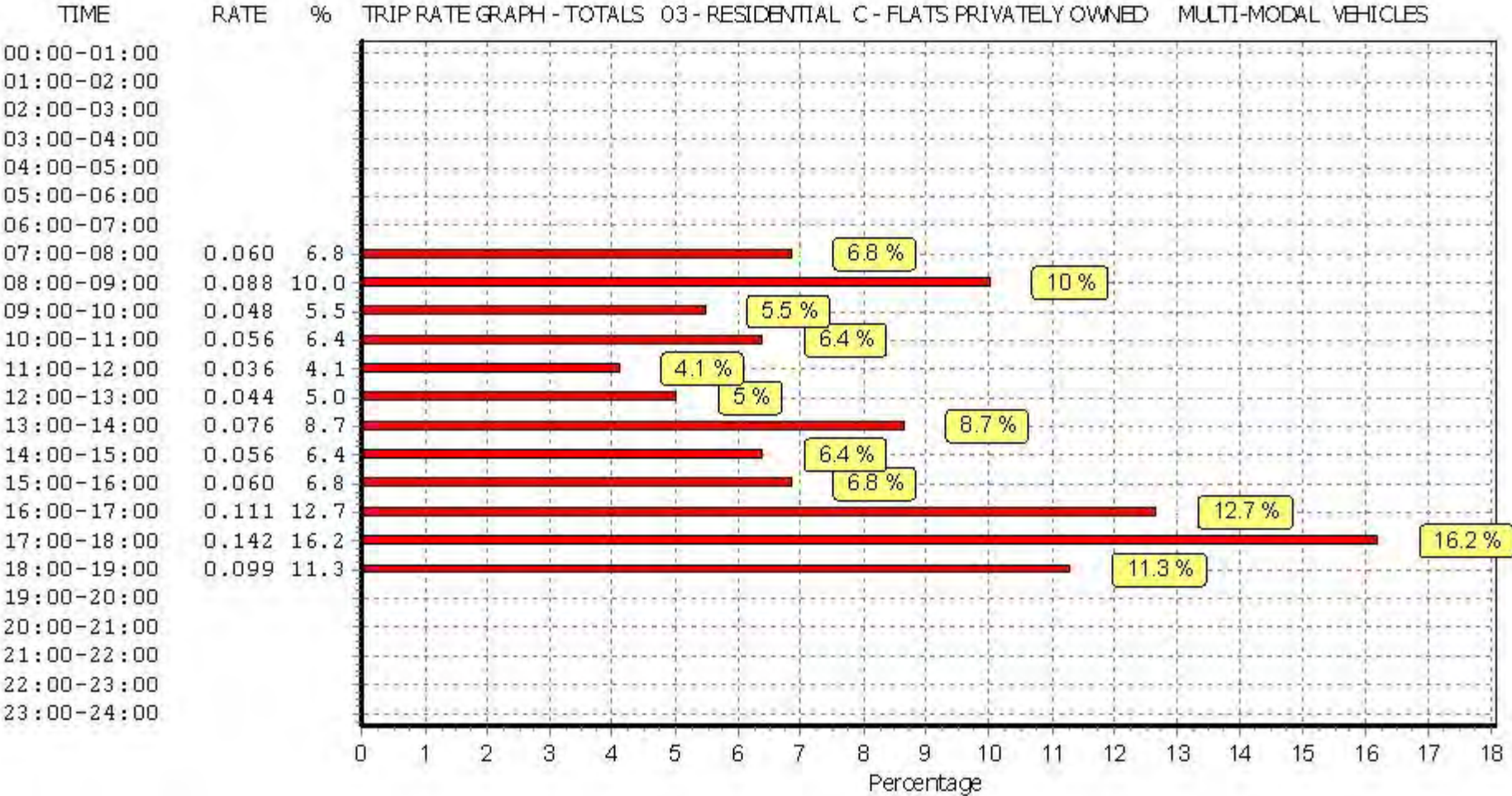


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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



*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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Licence No: 701005

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

MULTI-MODAL TAXIS

Calculation factor: 1 DWELLS

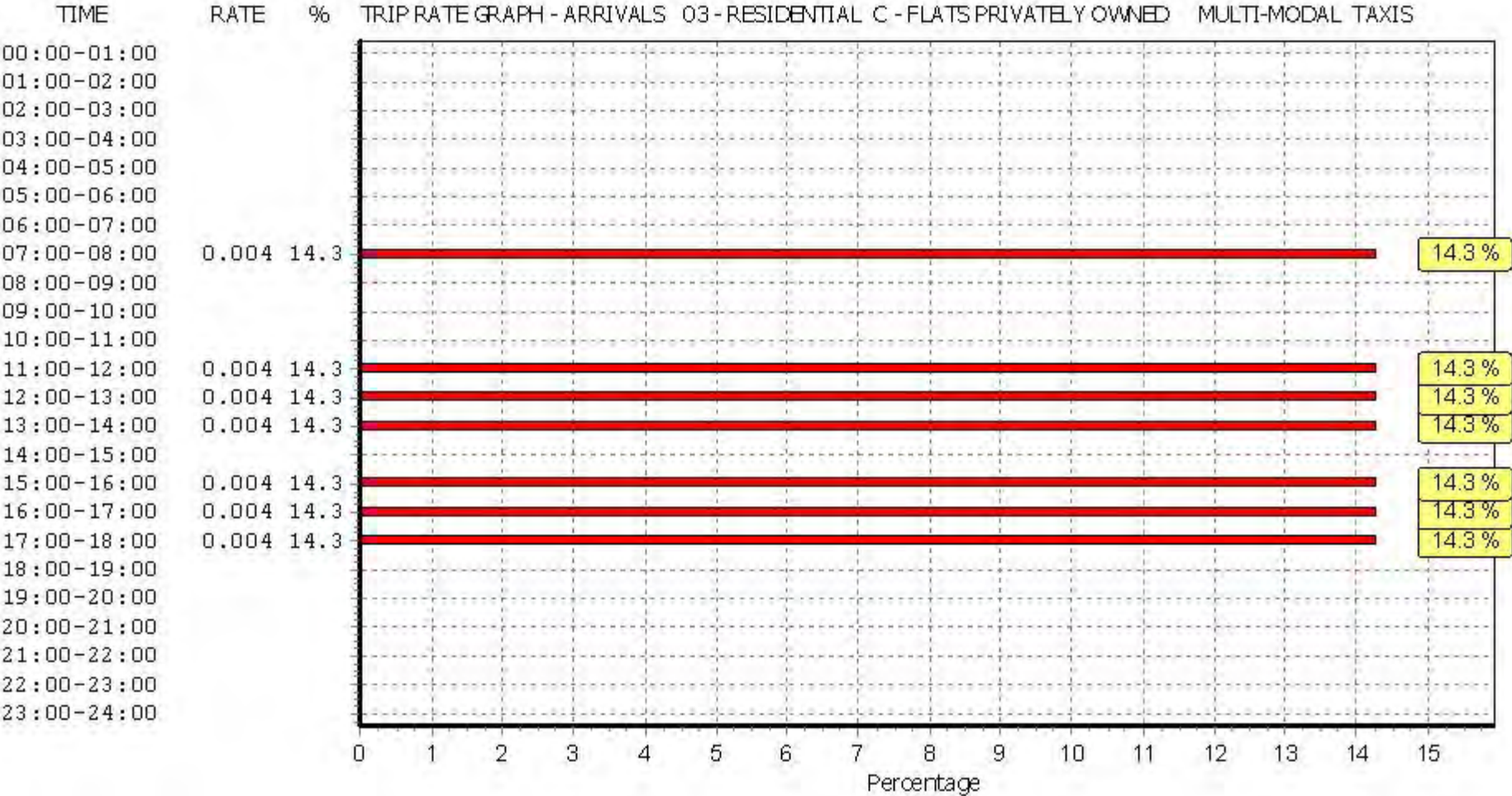
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.004	4	63	0.004	4	63	0.008
08:00 - 09:00	4	63	0.000	4	63	0.004	4	63	0.004
09:00 - 10:00	4	63	0.000	4	63	0.000	4	63	0.000
10:00 - 11:00	4	63	0.000	4	63	0.000	4	63	0.000
11:00 - 12:00	4	63	0.004	4	63	0.004	4	63	0.008
12:00 - 13:00	4	63	0.004	4	63	0.004	4	63	0.008
13:00 - 14:00	4	63	0.004	4	63	0.004	4	63	0.008
14:00 - 15:00	4	63	0.000	4	63	0.000	4	63	0.000
15:00 - 16:00	4	63	0.004	4	63	0.000	4	63	0.004
16:00 - 17:00	4	63	0.004	4	63	0.004	4	63	0.008
17:00 - 18:00	4	63	0.004	4	63	0.000	4	63	0.004
18:00 - 19:00	4	63	0.000	4	63	0.004	4	63	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	0.028			0.028			0.056		

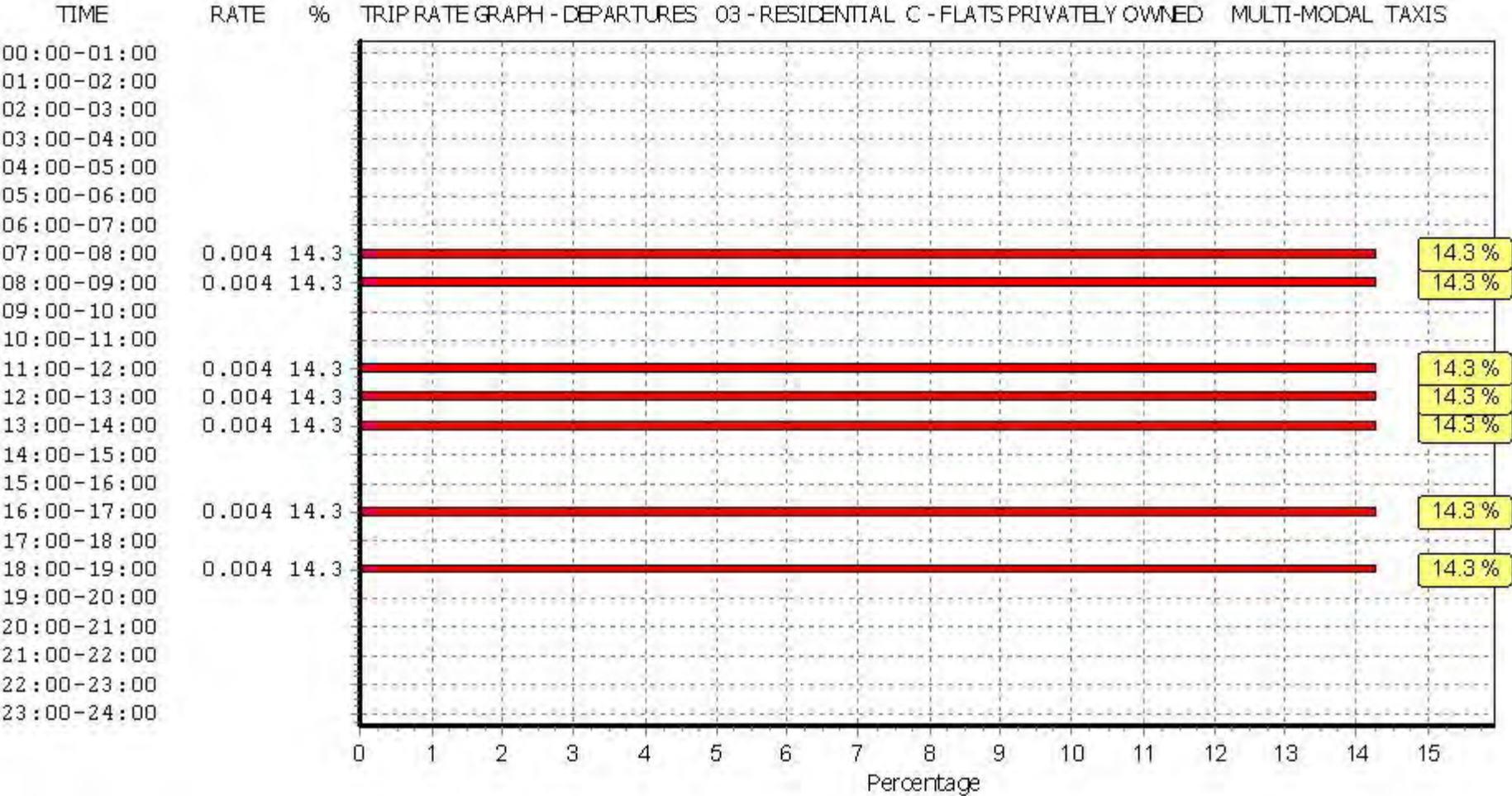
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

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



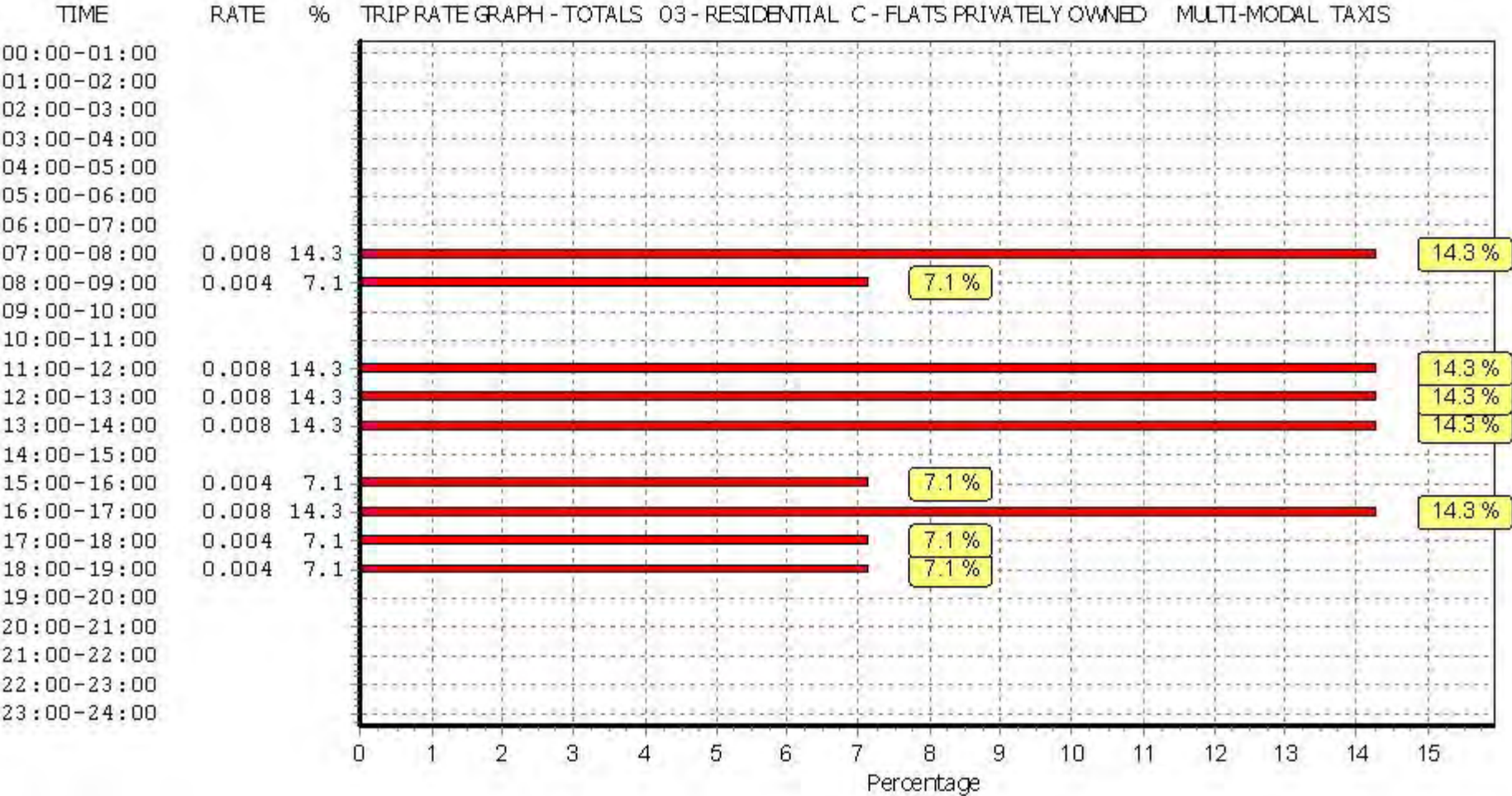


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified 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 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CYCLISTS

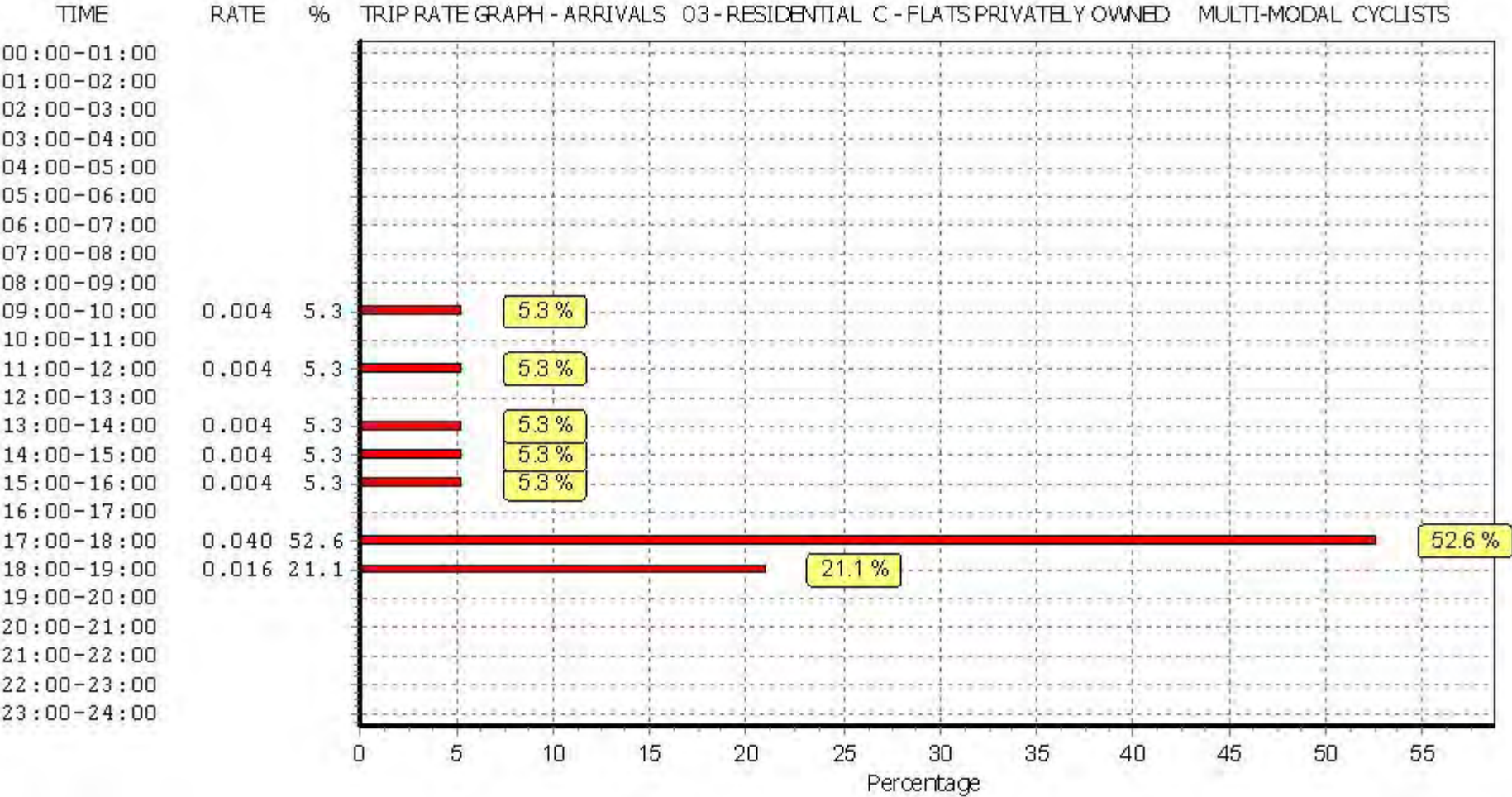
Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.000	4	63	0.008	4	63	0.008
08:00 - 09:00	4	63	0.000	4	63	0.012	4	63	0.012
09:00 - 10:00	4	63	0.004	4	63	0.012	4	63	0.016
10:00 - 11:00	4	63	0.000	4	63	0.000	4	63	0.000
11:00 - 12:00	4	63	0.004	4	63	0.004	4	63	0.008
12:00 - 13:00	4	63	0.000	4	63	0.012	4	63	0.012
13:00 - 14:00	4	63	0.004	4	63	0.008	4	63	0.012
14:00 - 15:00	4	63	0.004	4	63	0.004	4	63	0.008
15:00 - 16:00	4	63	0.004	4	63	0.004	4	63	0.008
16:00 - 17:00	4	63	0.000	4	63	0.000	4	63	0.000
17:00 - 18:00	4	63	0.040	4	63	0.004	4	63	0.044
18:00 - 19:00	4	63	0.016	4	63	0.004	4	63	0.020
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	0.076			0.072			0.148		

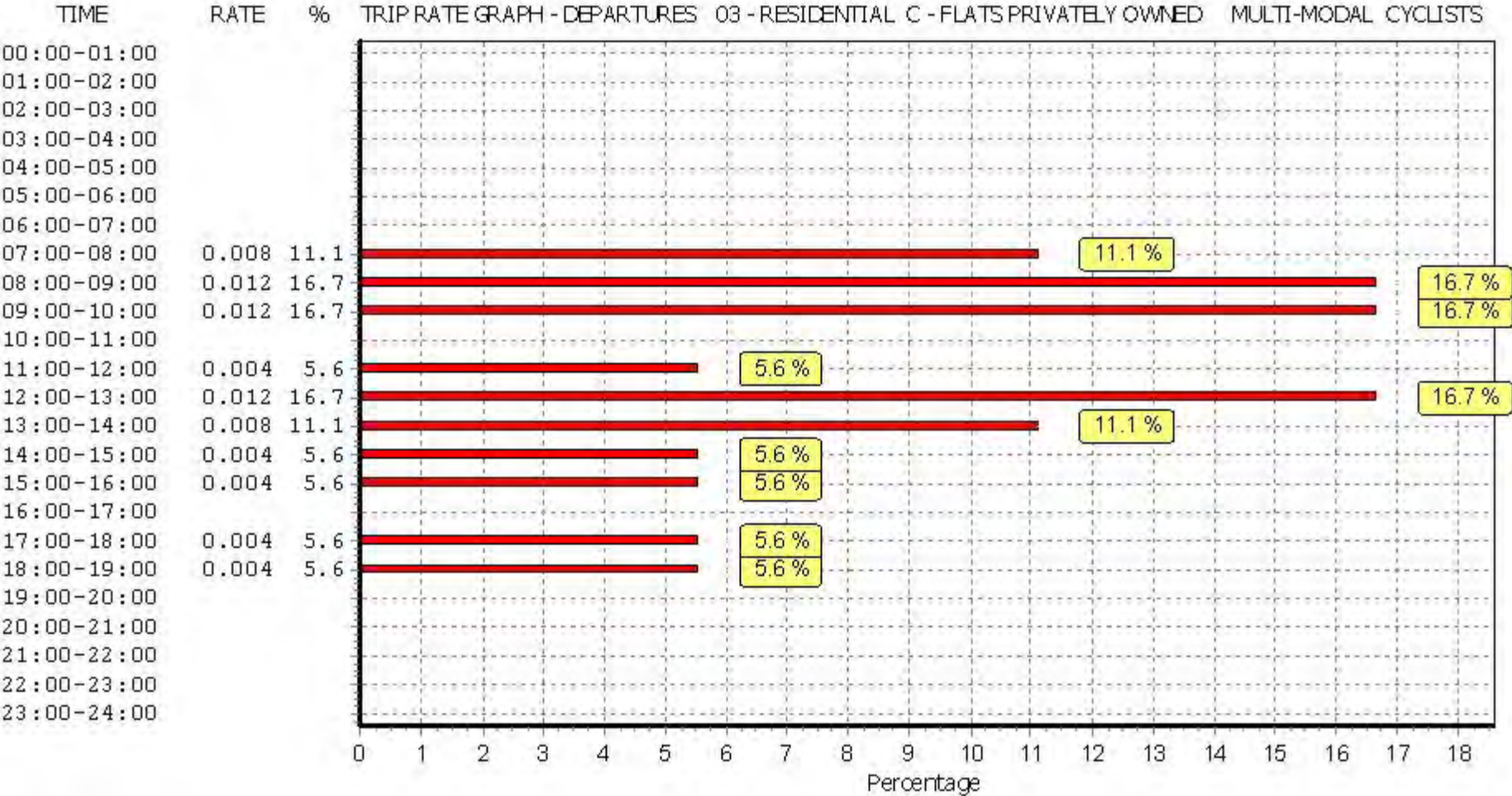
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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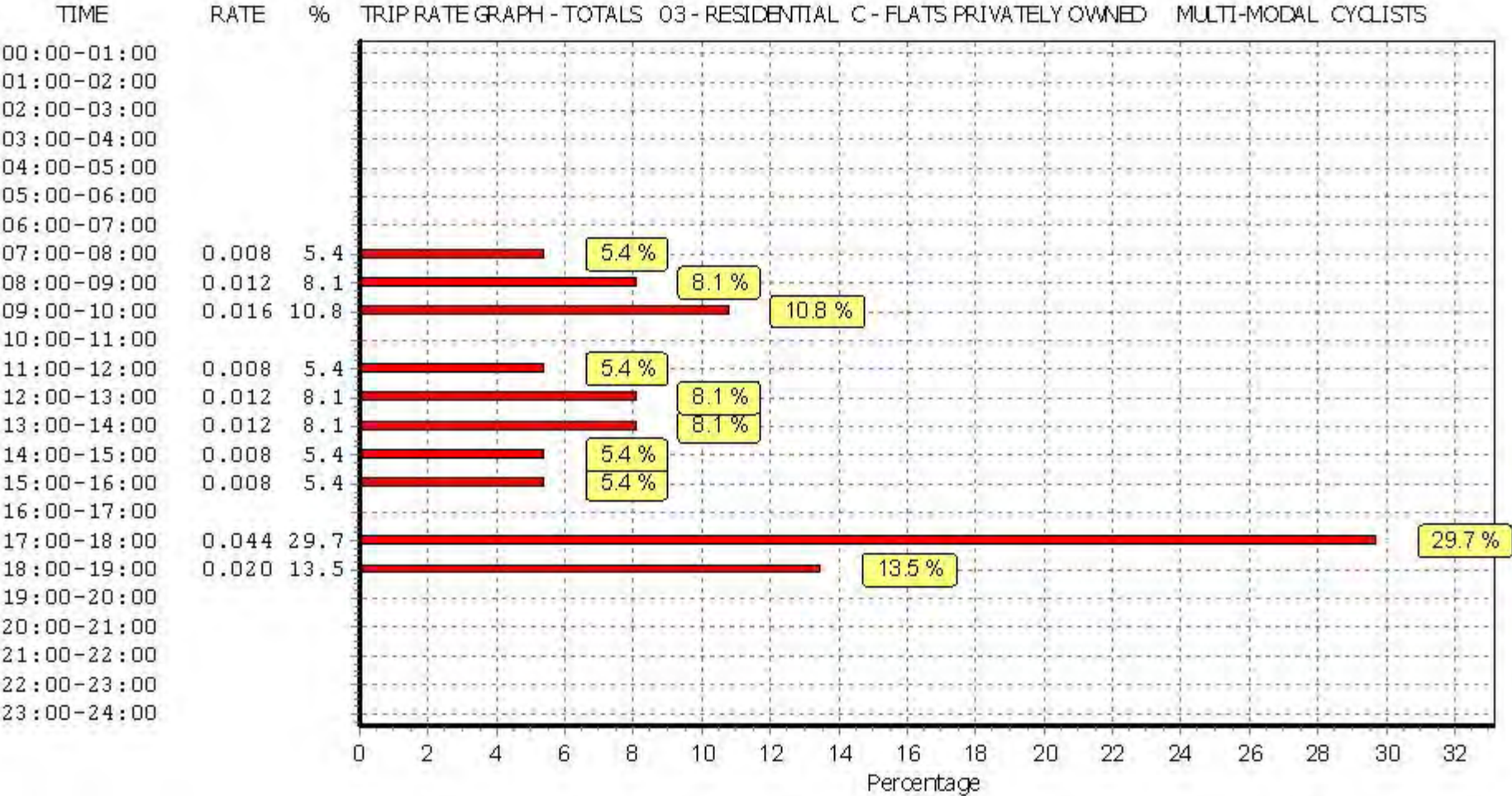


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified 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 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 1 DWELLS

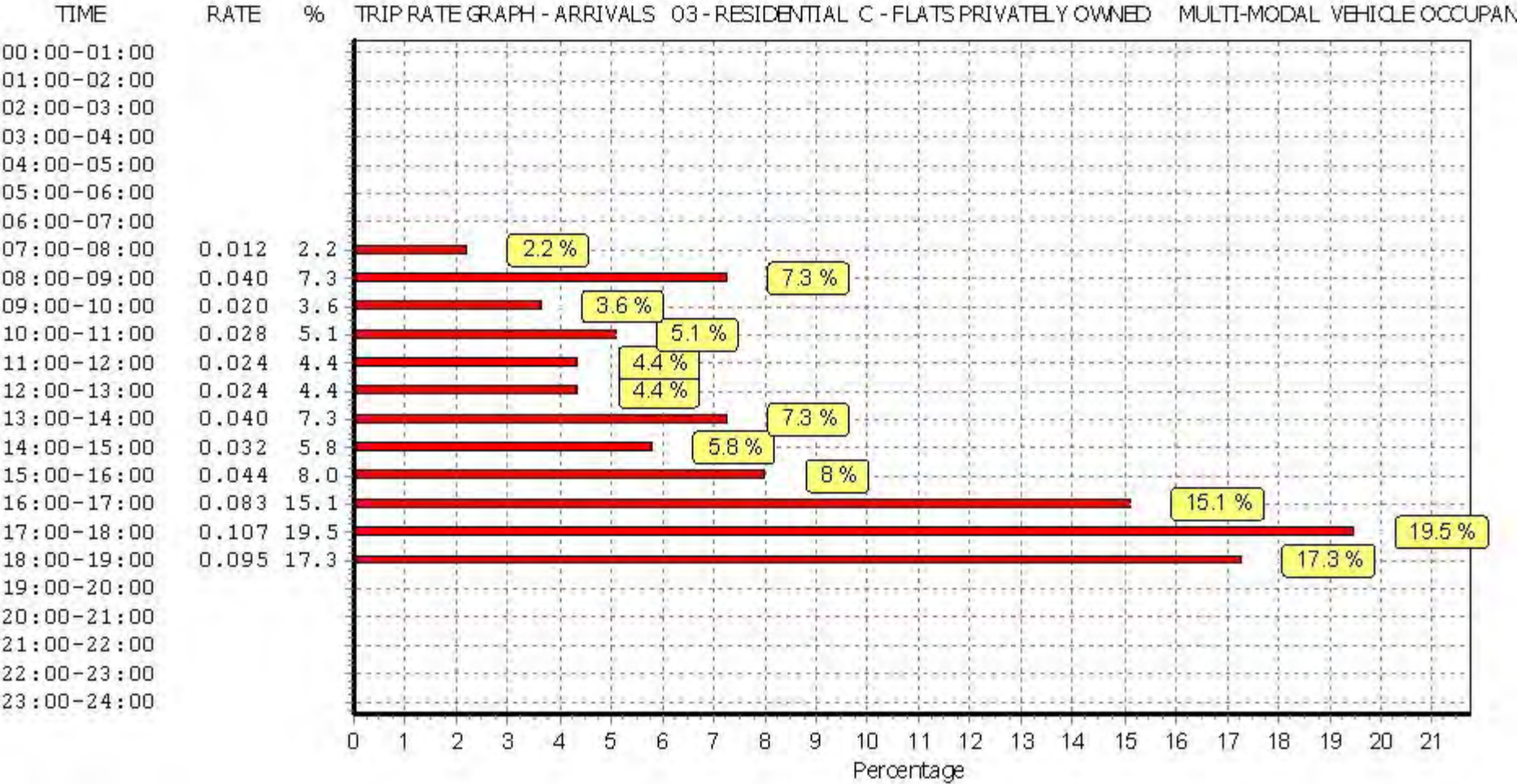
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.012	4	63	0.056	4	63	0.068
08:00 - 09:00	4	63	0.040	4	63	0.063	4	63	0.103
09:00 - 10:00	4	63	0.020	4	63	0.036	4	63	0.056
10:00 - 11:00	4	63	0.028	4	63	0.040	4	63	0.068
11:00 - 12:00	4	63	0.024	4	63	0.028	4	63	0.052
12:00 - 13:00	4	63	0.024	4	63	0.028	4	63	0.052
13:00 - 14:00	4	63	0.040	4	63	0.048	4	63	0.088
14:00 - 15:00	4	63	0.032	4	63	0.040	4	63	0.072
15:00 - 16:00	4	63	0.044	4	63	0.024	4	63	0.068
16:00 - 17:00	4	63	0.083	4	63	0.052	4	63	0.135
17:00 - 18:00	4	63	0.107	4	63	0.091	4	63	0.198
18:00 - 19:00	4	63	0.095	4	63	0.044	4	63	0.139
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	0.549			0.550			1.099		

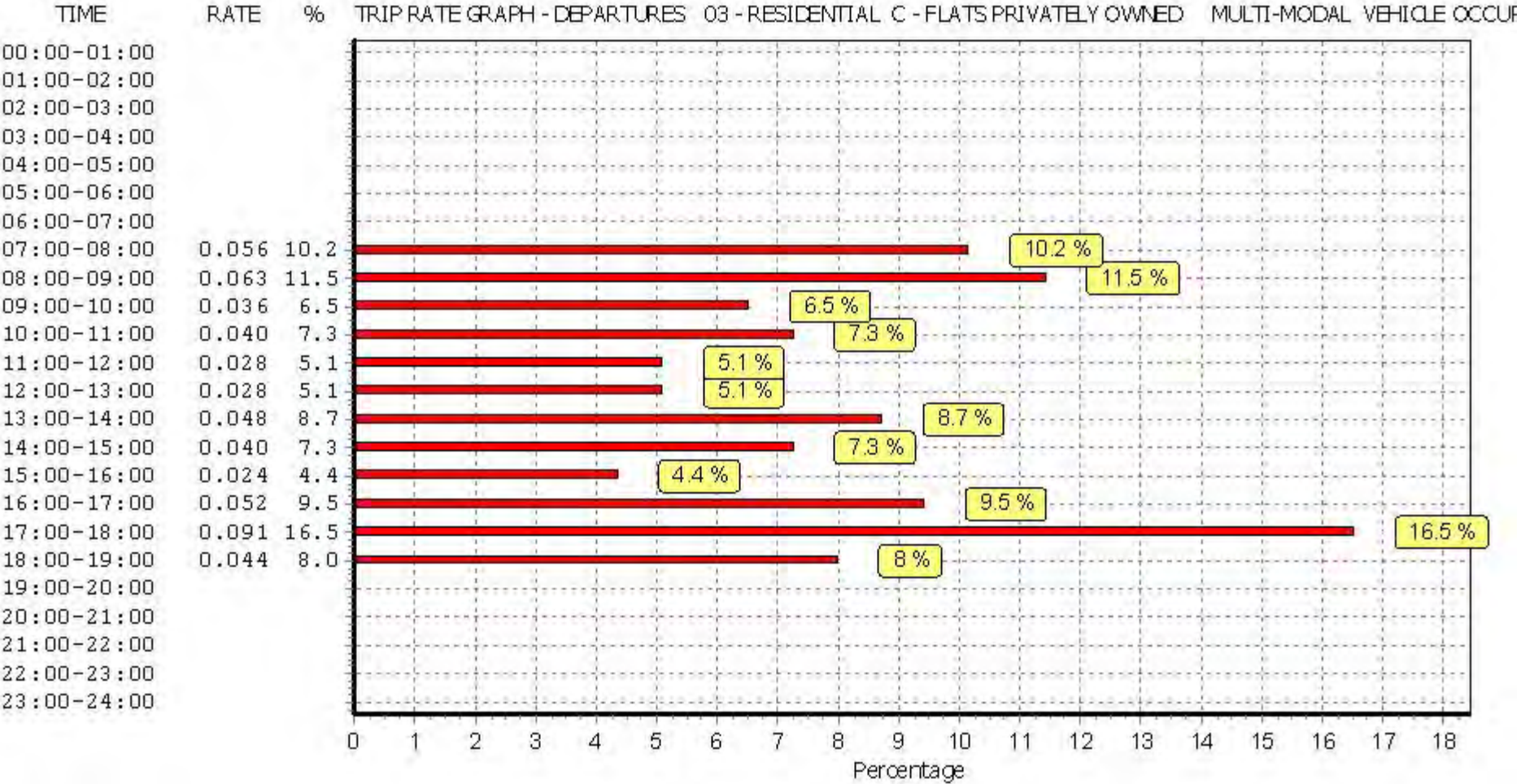
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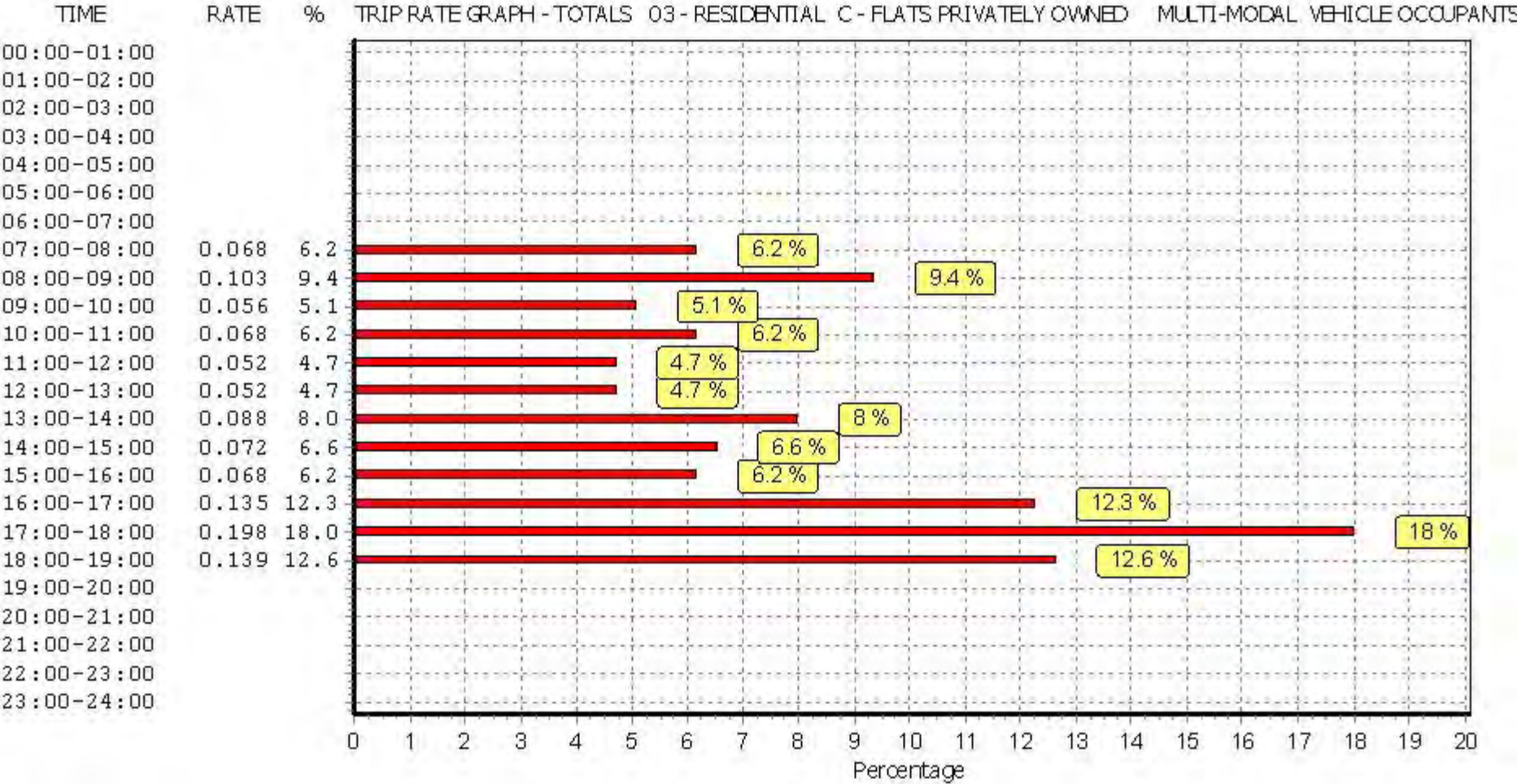


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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



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

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

MULTI-MODAL PEDESTRIANS

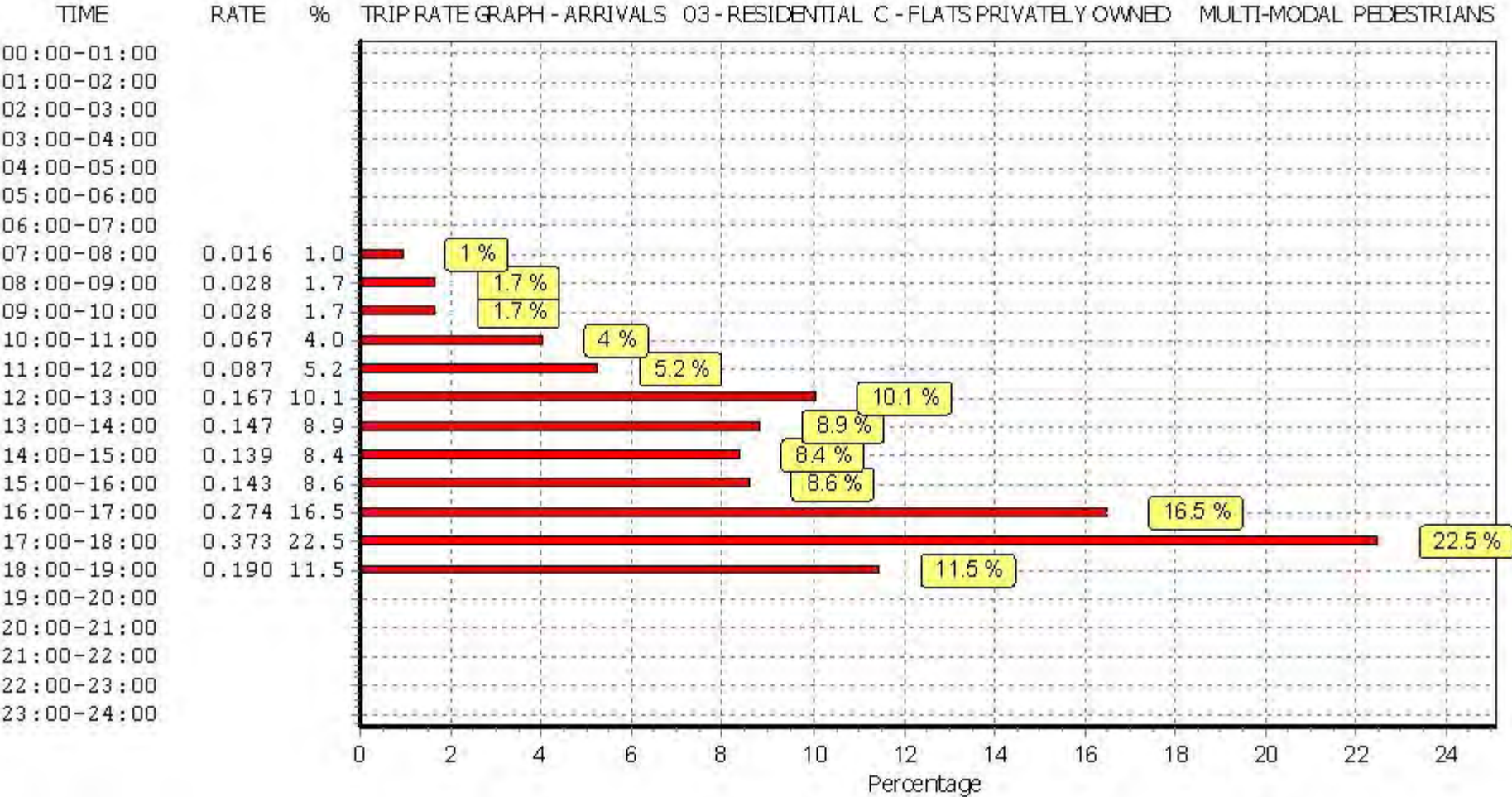
Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.016	4	63	0.052	4	63	0.068
08:00 - 09:00	4	63	0.028	4	63	0.282	4	63	0.310
09:00 - 10:00	4	63	0.028	4	63	0.171	4	63	0.199
10:00 - 11:00	4	63	0.067	4	63	0.083	4	63	0.150
11:00 - 12:00	4	63	0.087	4	63	0.123	4	63	0.210
12:00 - 13:00	4	63	0.167	4	63	0.147	4	63	0.314
13:00 - 14:00	4	63	0.147	4	63	0.123	4	63	0.270
14:00 - 15:00	4	63	0.139	4	63	0.091	4	63	0.230
15:00 - 16:00	4	63	0.143	4	63	0.139	4	63	0.282
16:00 - 17:00	4	63	0.274	4	63	0.250	4	63	0.524
17:00 - 18:00	4	63	0.373	4	63	0.155	4	63	0.528
18:00 - 19:00	4	63	0.190	4	63	0.012	4	63	0.202
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	1.659			1.628			3.287		

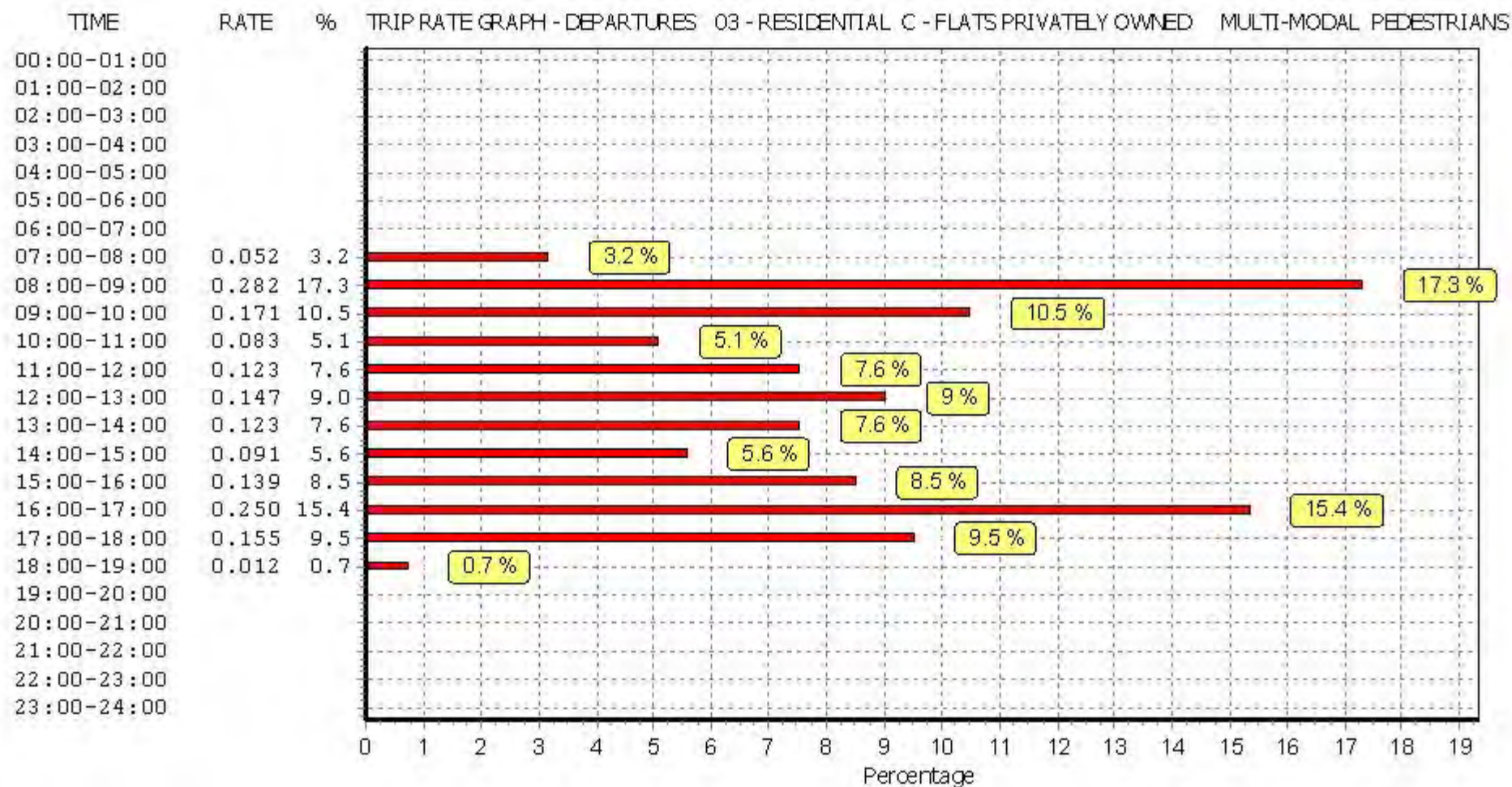
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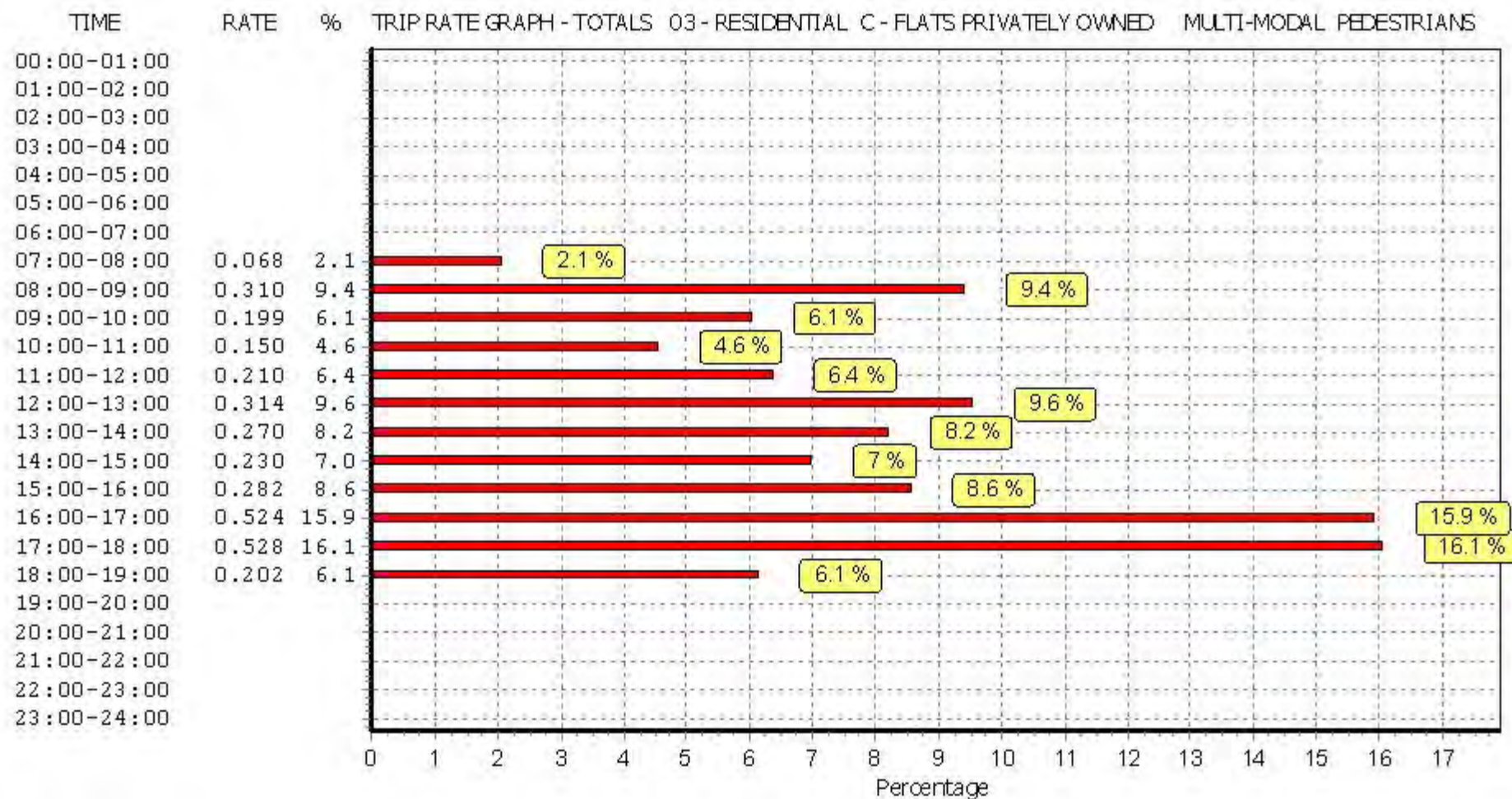


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TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 DWELLS

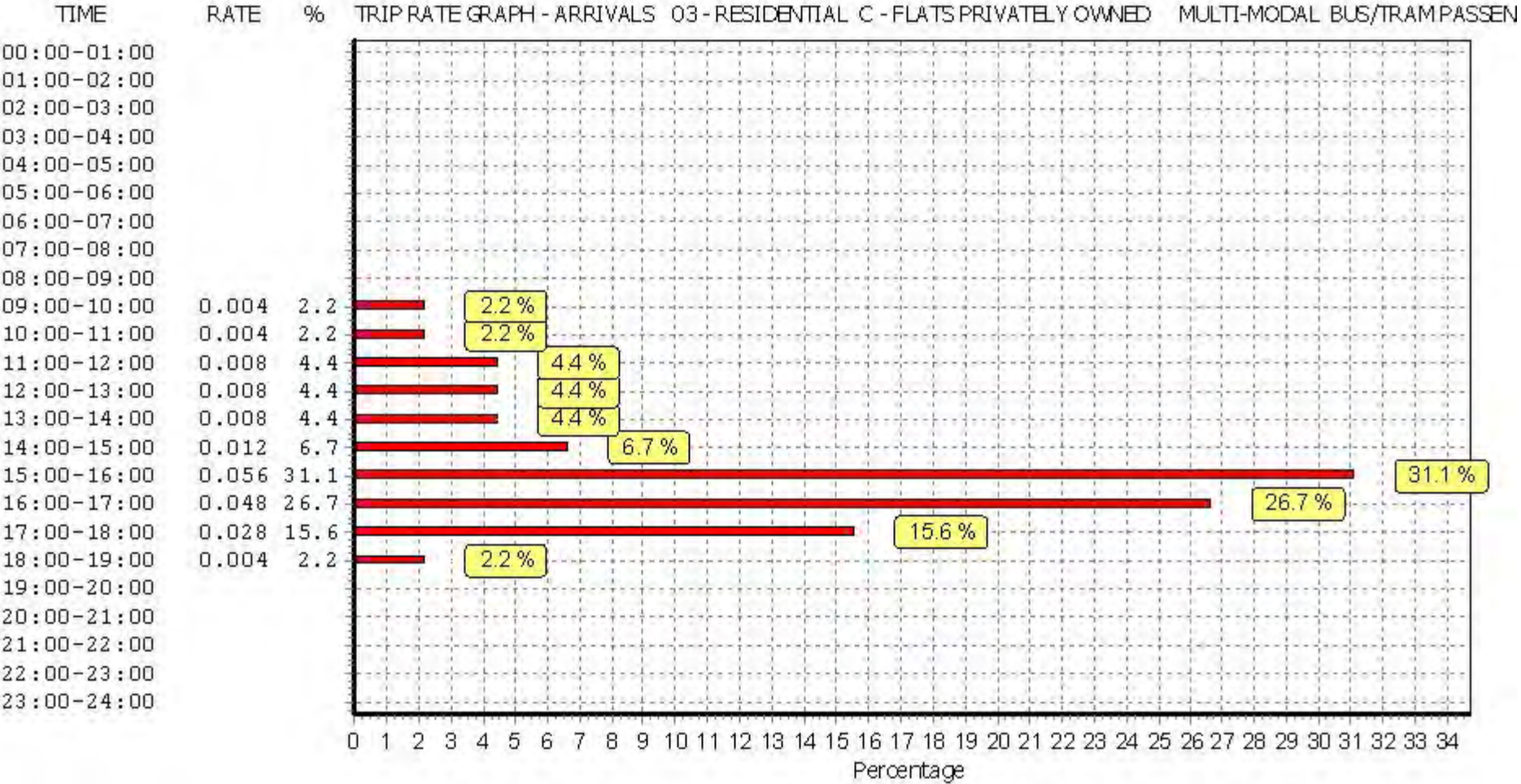
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.000	4	63	0.016	4	63	0.016
08:00 - 09:00	4	63	0.000	4	63	0.036	4	63	0.036
09:00 - 10:00	4	63	0.004	4	63	0.028	4	63	0.032
10:00 - 11:00	4	63	0.004	4	63	0.016	4	63	0.020
11:00 - 12:00	4	63	0.008	4	63	0.008	4	63	0.016
12:00 - 13:00	4	63	0.008	4	63	0.020	4	63	0.028
13:00 - 14:00	4	63	0.008	4	63	0.004	4	63	0.012
14:00 - 15:00	4	63	0.012	4	63	0.004	4	63	0.016
15:00 - 16:00	4	63	0.056	4	63	0.016	4	63	0.072
16:00 - 17:00	4	63	0.048	4	63	0.016	4	63	0.064
17:00 - 18:00	4	63	0.028	4	63	0.004	4	63	0.032
18:00 - 19:00	4	63	0.004	4	63	0.000	4	63	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.180			0.168			0.348

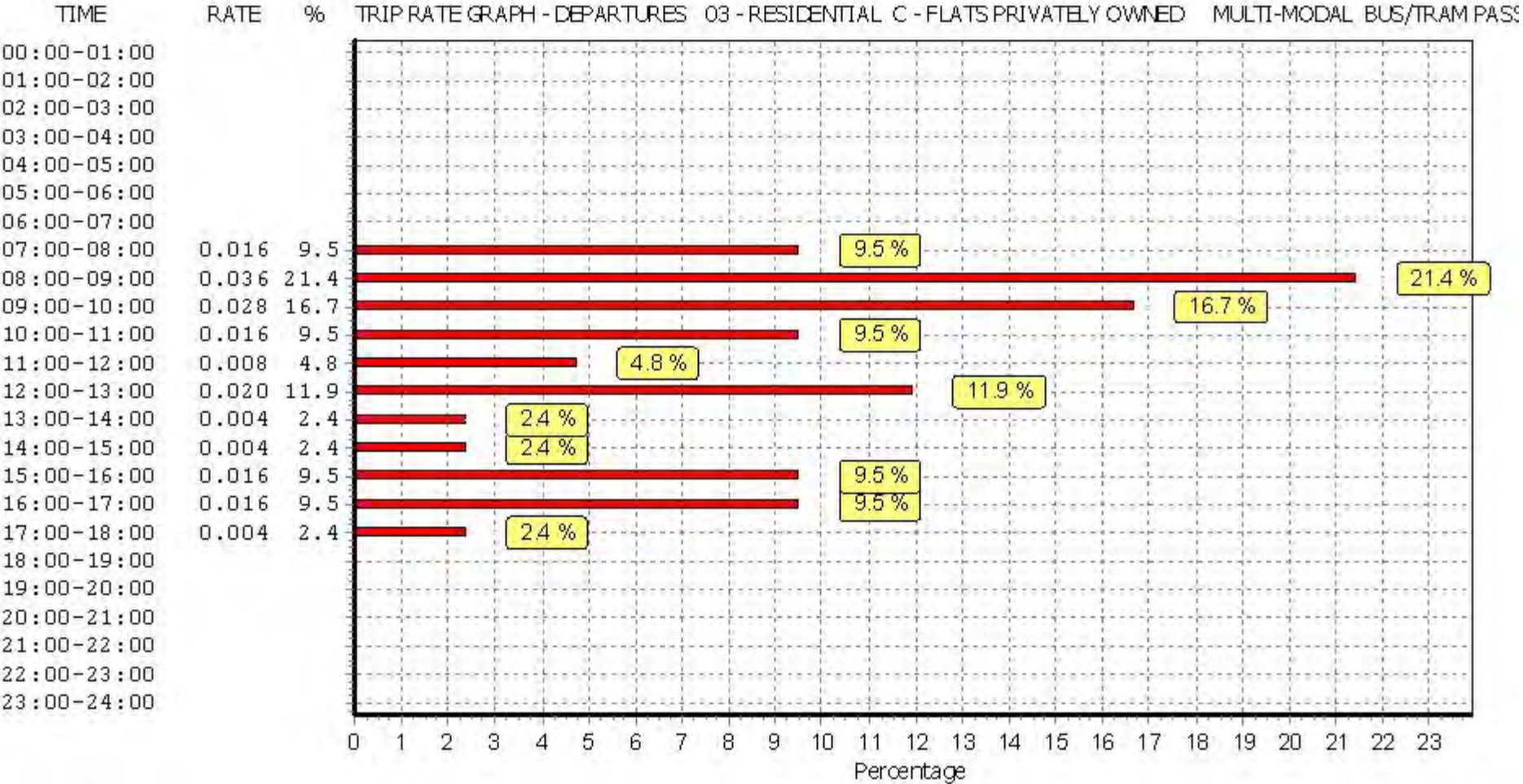
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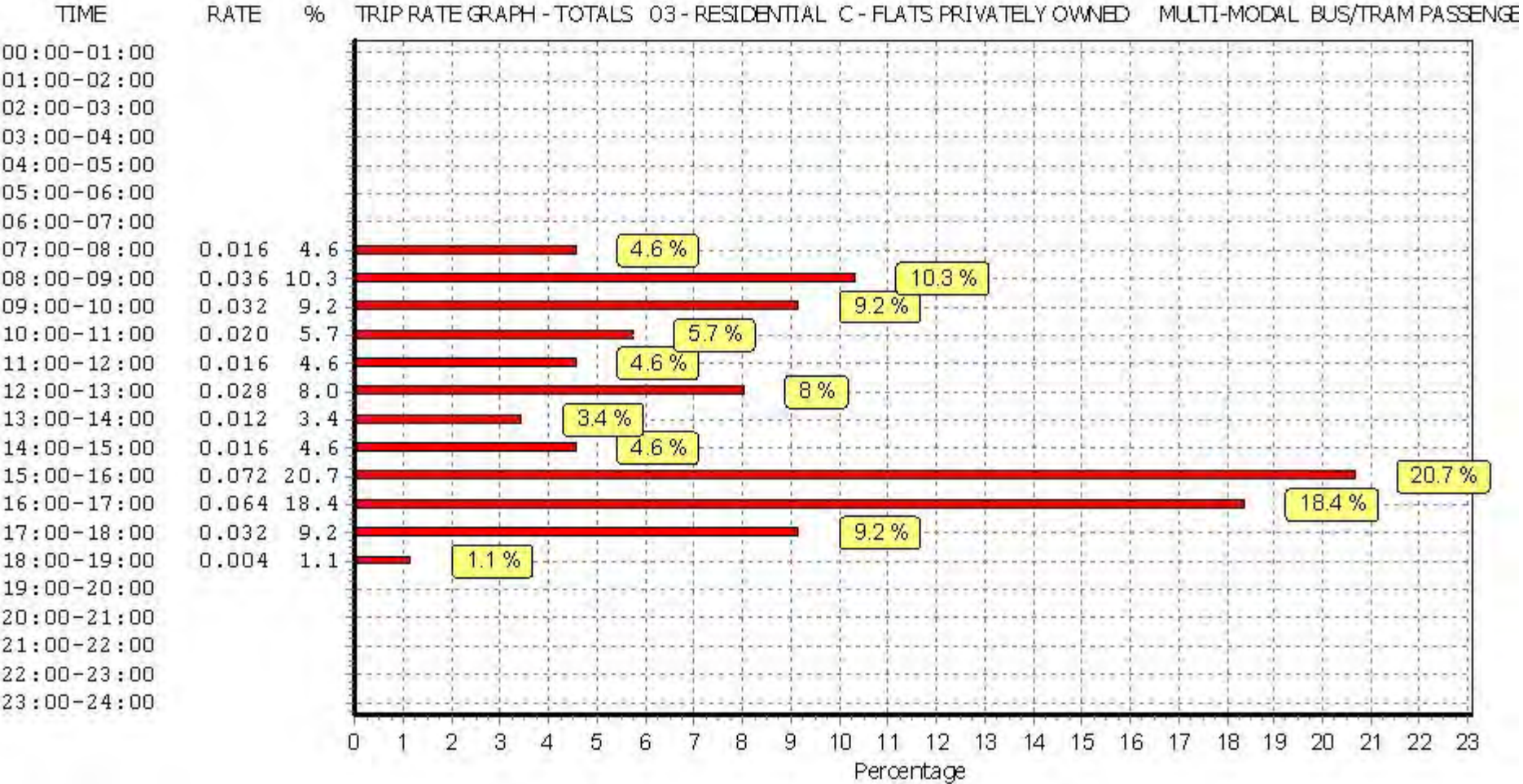


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TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL RAIL PASSENGERS

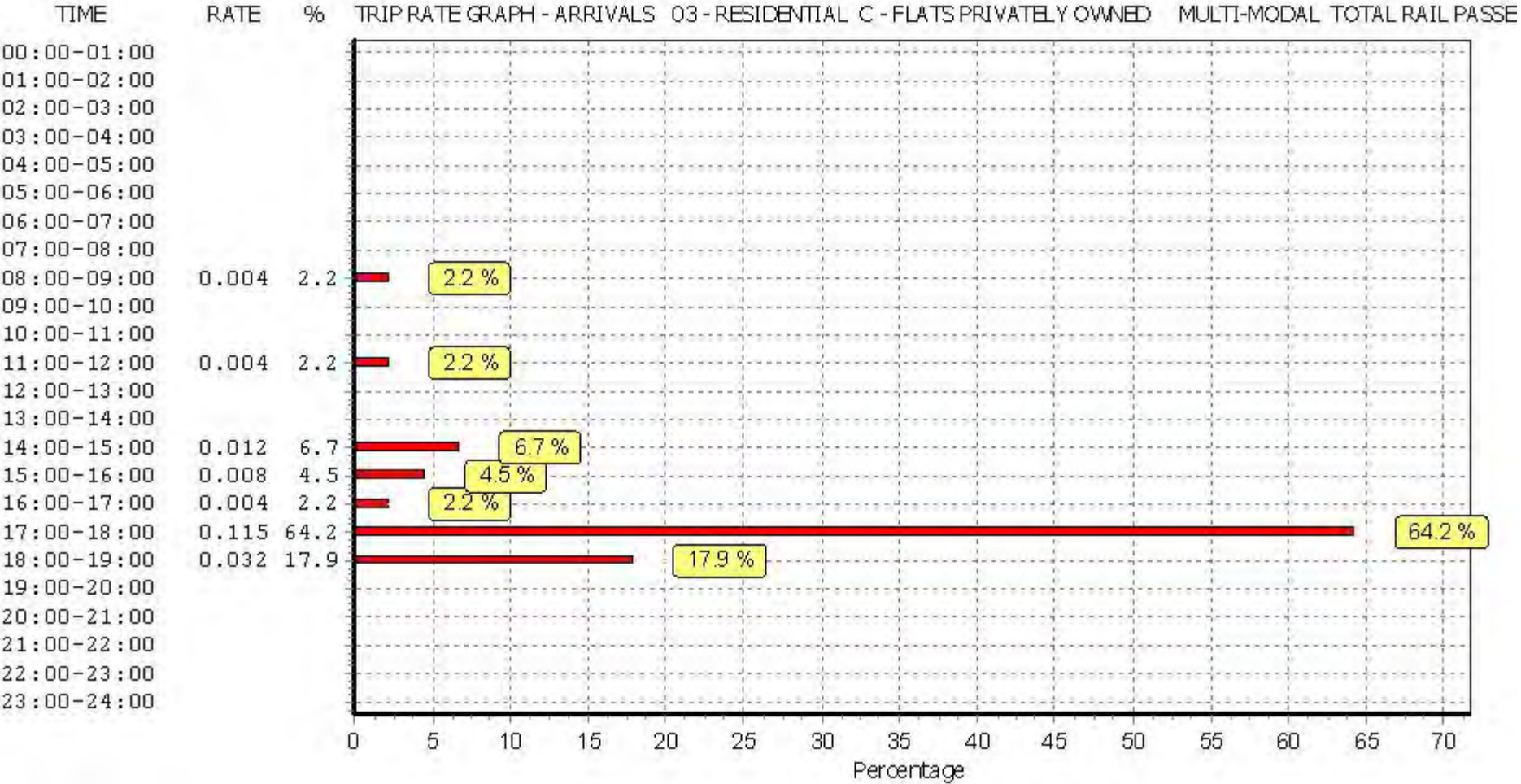
Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.000	4	63	0.016	4	63	0.016
08:00 - 09:00	4	63	0.004	4	63	0.063	4	63	0.067
09:00 - 10:00	4	63	0.000	4	63	0.016	4	63	0.016
10:00 - 11:00	4	63	0.000	4	63	0.004	4	63	0.004
11:00 - 12:00	4	63	0.004	4	63	0.012	4	63	0.016
12:00 - 13:00	4	63	0.000	4	63	0.024	4	63	0.024
13:00 - 14:00	4	63	0.000	4	63	0.012	4	63	0.012
14:00 - 15:00	4	63	0.012	4	63	0.000	4	63	0.012
15:00 - 16:00	4	63	0.008	4	63	0.000	4	63	0.008
16:00 - 17:00	4	63	0.004	4	63	0.020	4	63	0.024
17:00 - 18:00	4	63	0.115	4	63	0.008	4	63	0.123
18:00 - 19:00	4	63	0.032	4	63	0.000	4	63	0.032
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.179			0.175			0.354

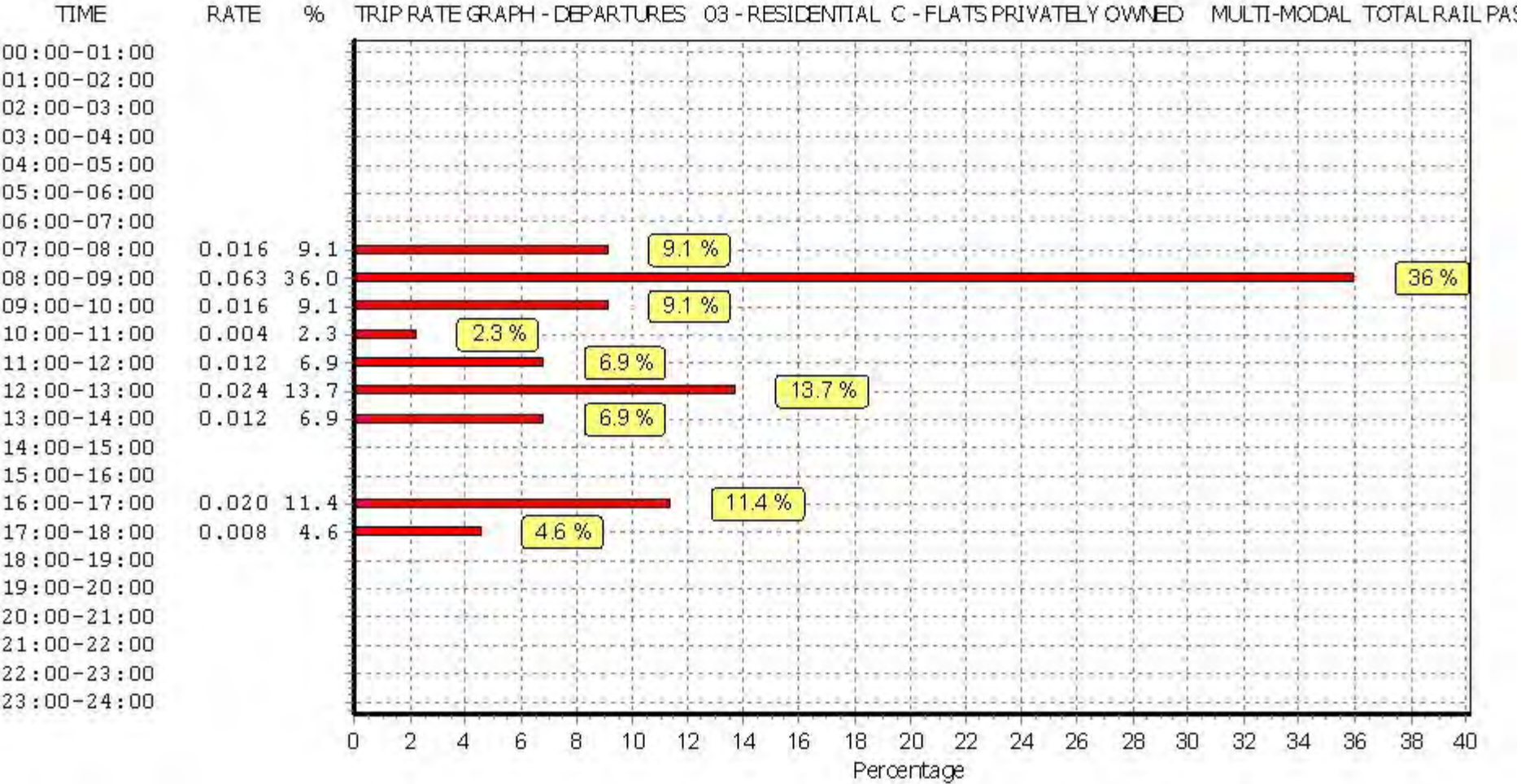
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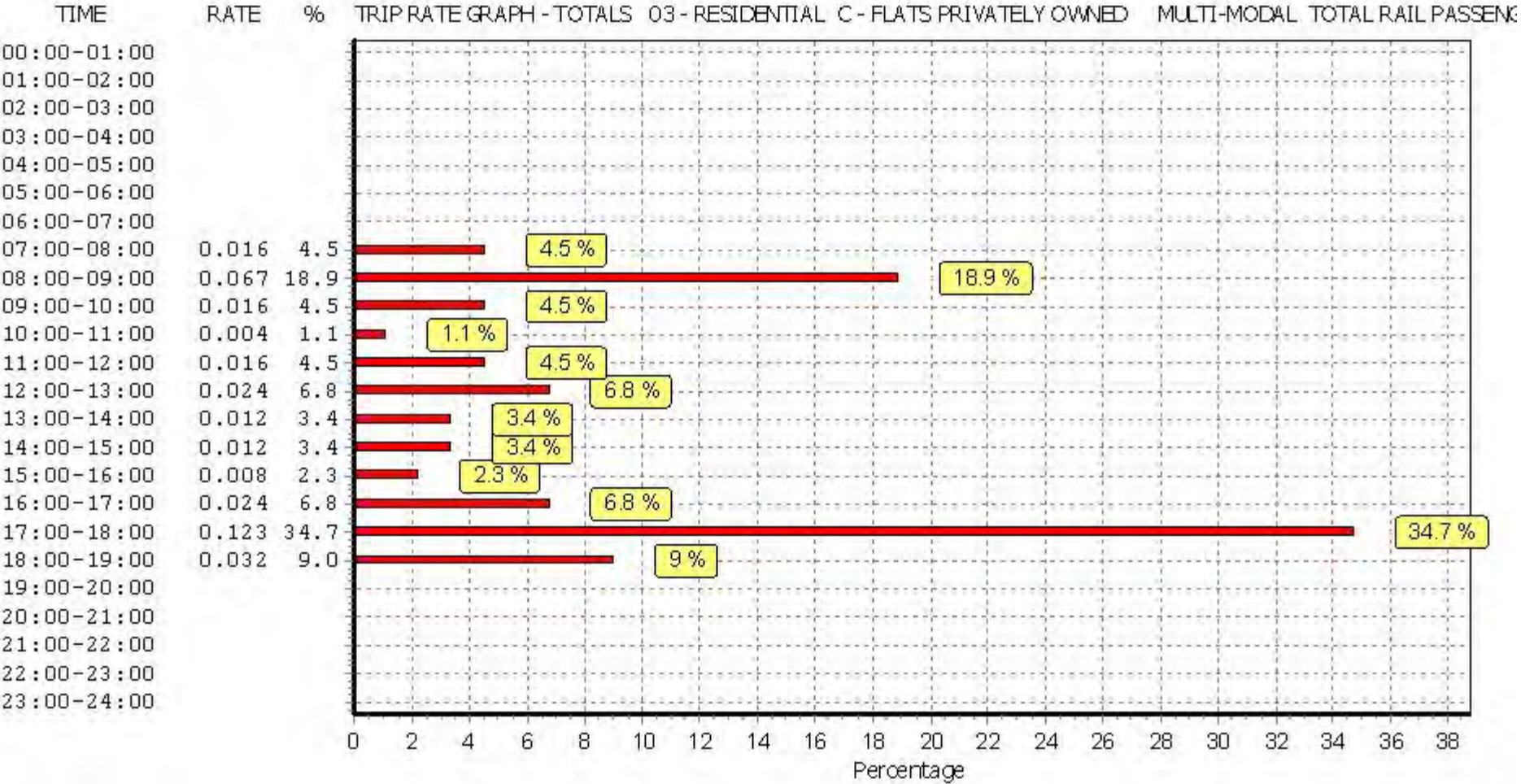


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TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 1 DWELLS

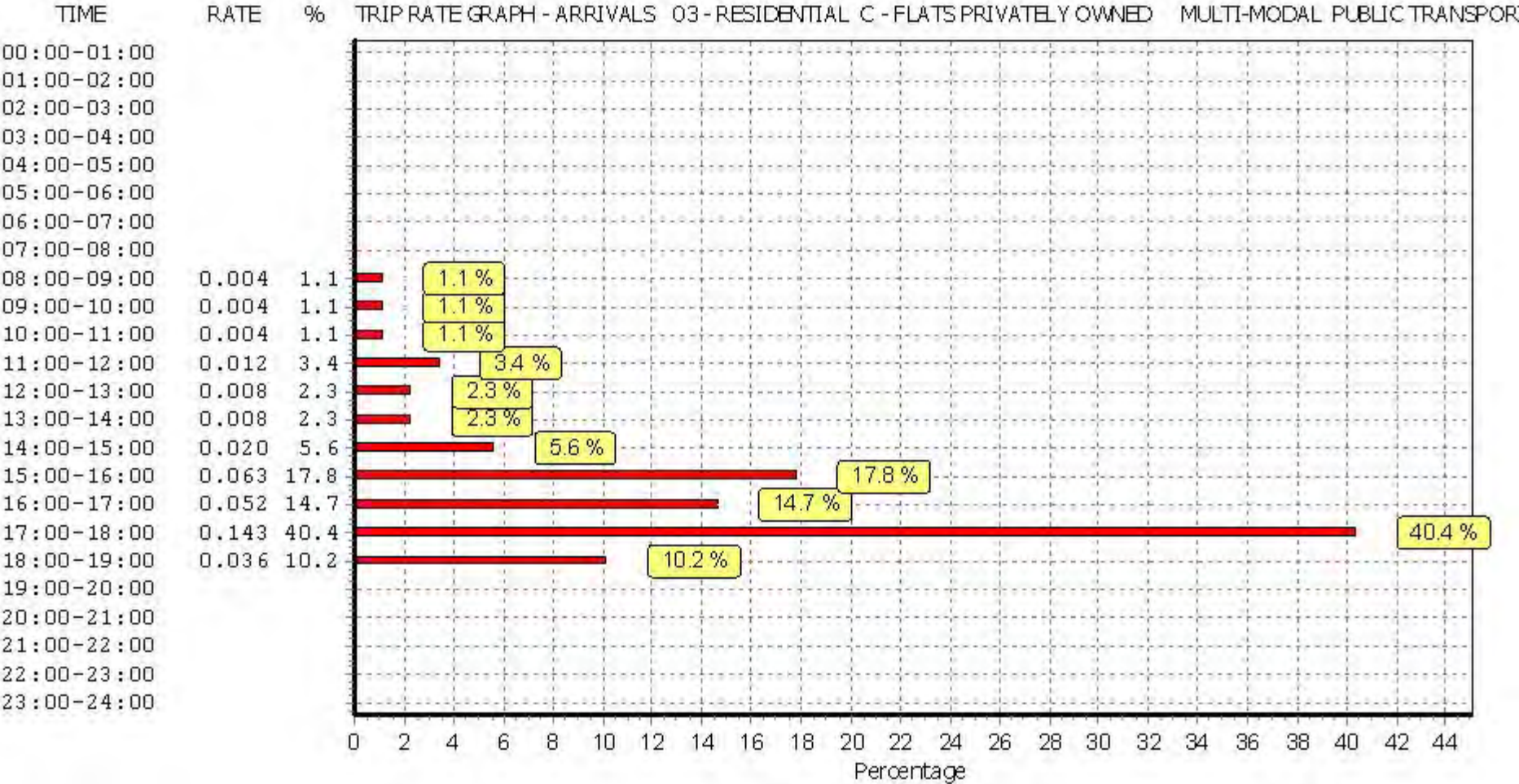
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.000	4	63	0.032	4	63	0.032
08:00 - 09:00	4	63	0.004	4	63	0.099	4	63	0.103
09:00 - 10:00	4	63	0.004	4	63	0.044	4	63	0.048
10:00 - 11:00	4	63	0.004	4	63	0.020	4	63	0.024
11:00 - 12:00	4	63	0.012	4	63	0.020	4	63	0.032
12:00 - 13:00	4	63	0.008	4	63	0.044	4	63	0.052
13:00 - 14:00	4	63	0.008	4	63	0.016	4	63	0.024
14:00 - 15:00	4	63	0.020	4	63	0.004	4	63	0.024
15:00 - 16:00	4	63	0.063	4	63	0.016	4	63	0.079
16:00 - 17:00	4	63	0.052	4	63	0.036	4	63	0.088
17:00 - 18:00	4	63	0.143	4	63	0.012	4	63	0.155
18:00 - 19:00	4	63	0.036	4	63	0.000	4	63	0.036
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.354			0.343			0.697

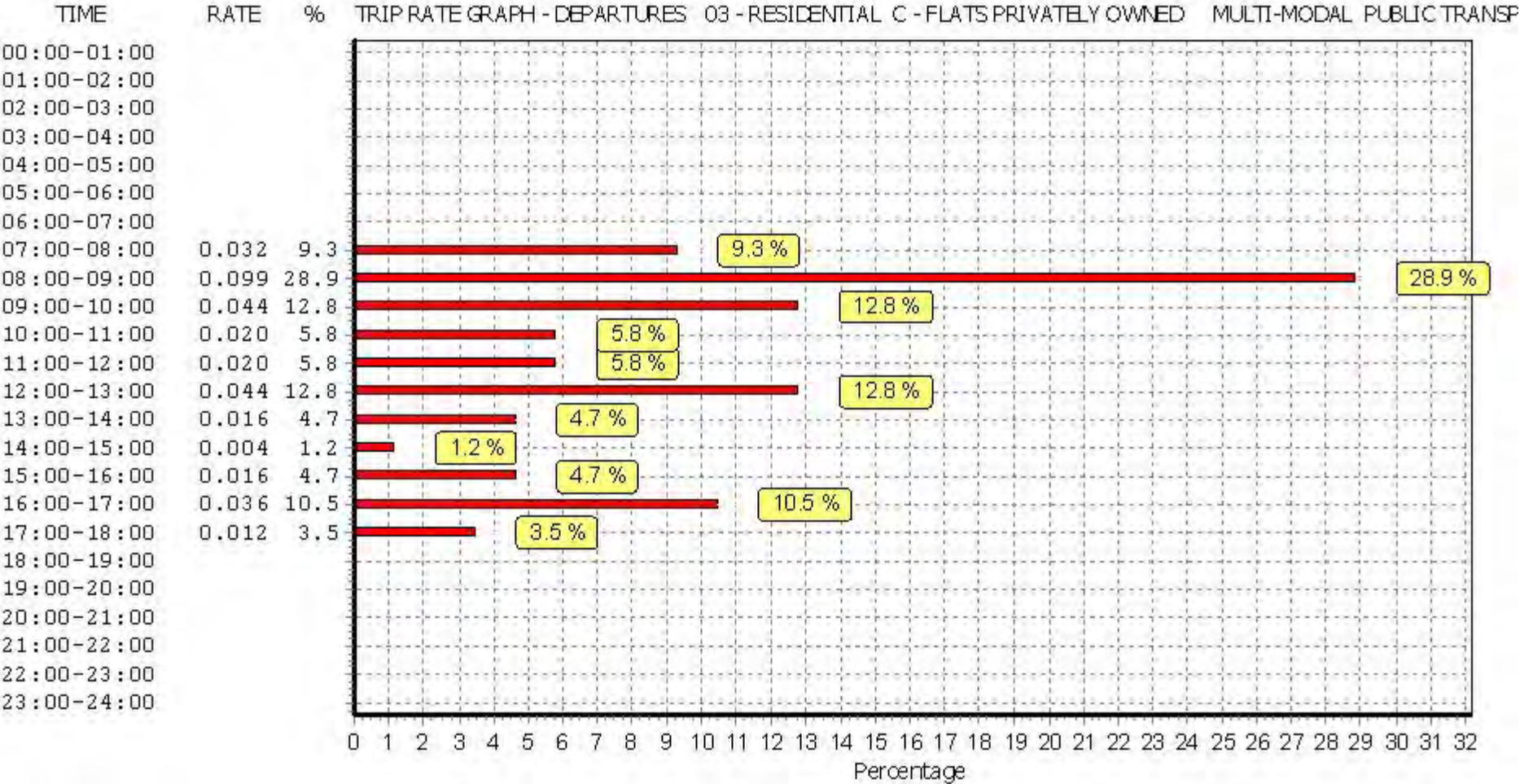
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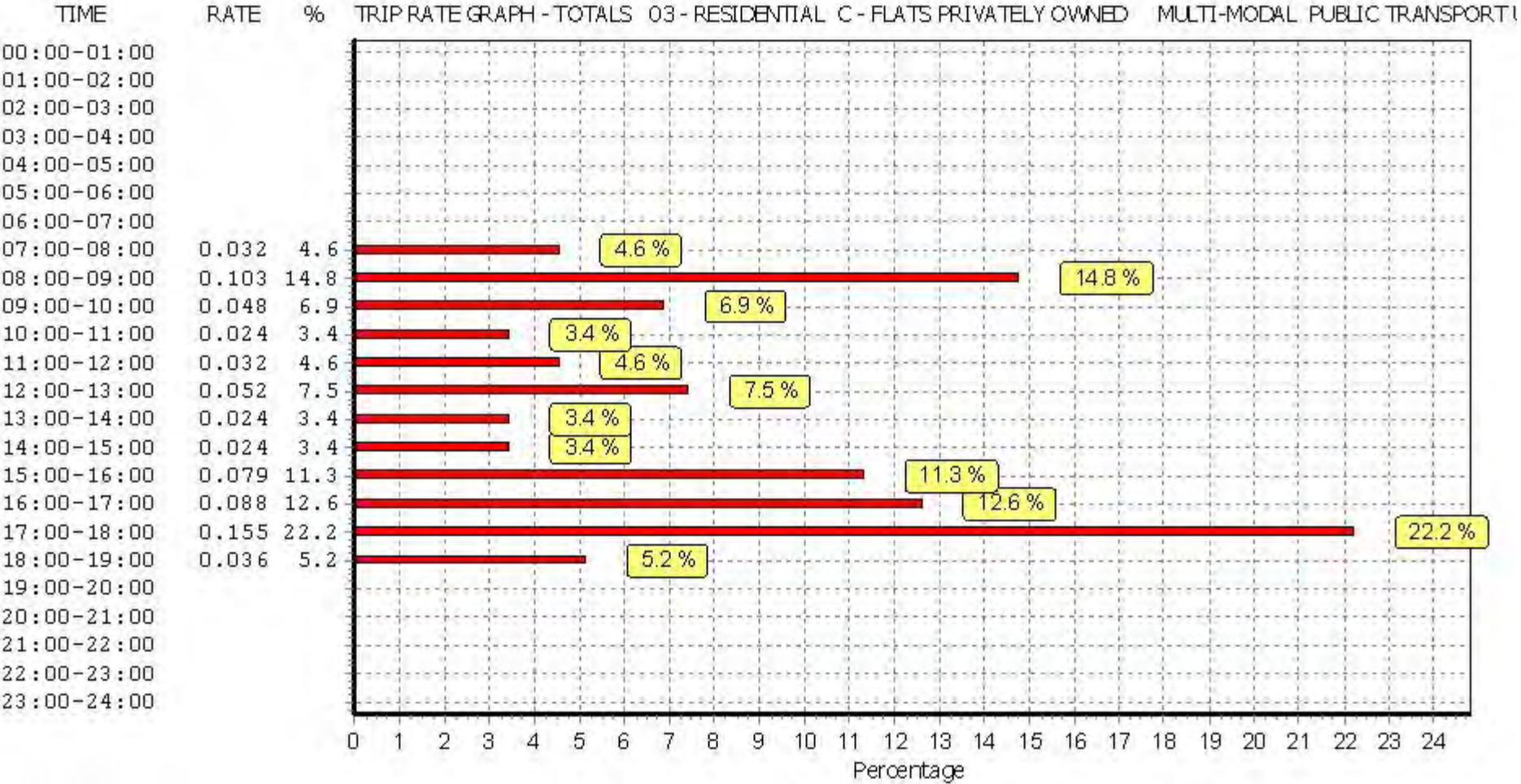


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TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL PEOPLE

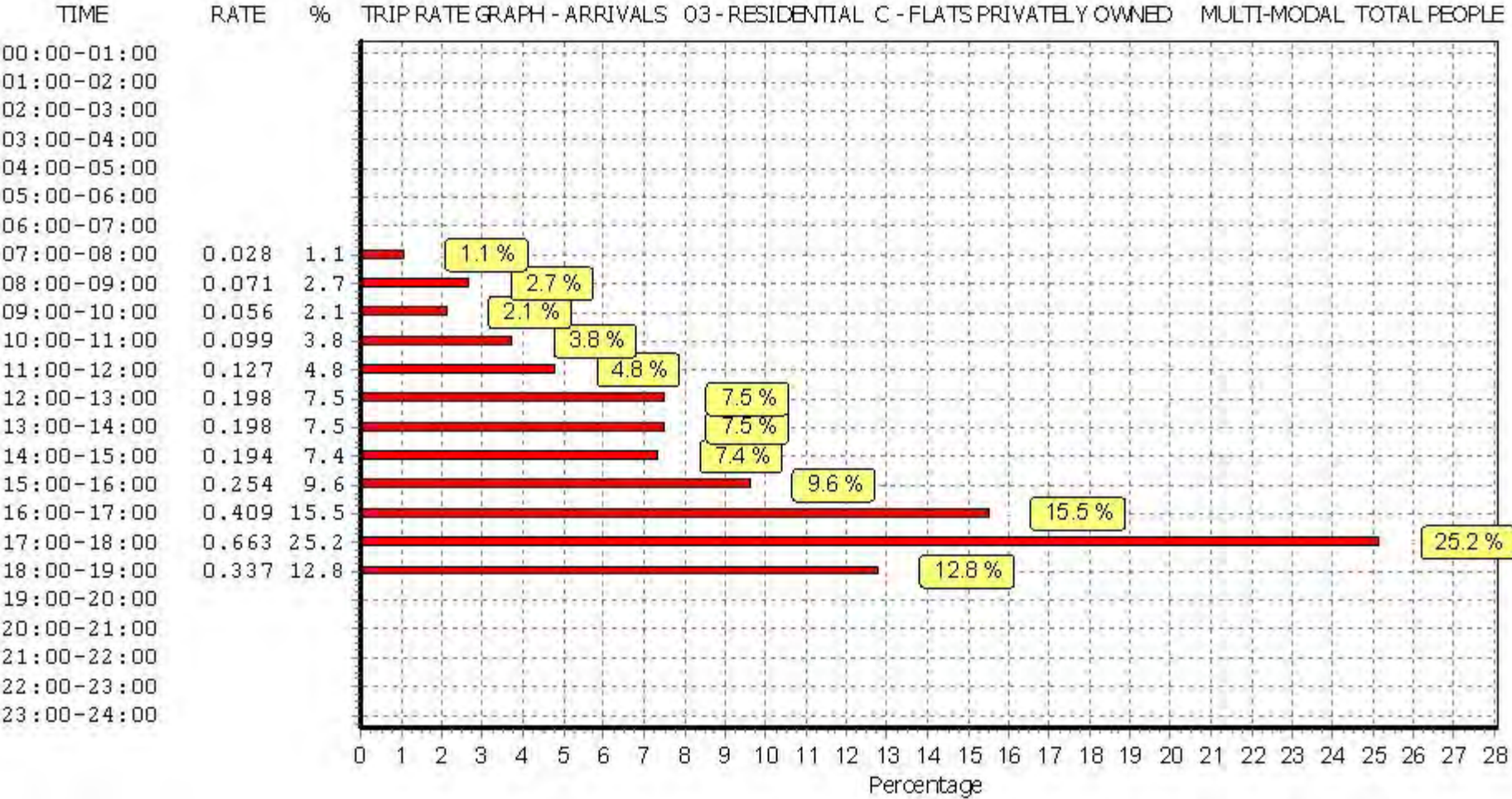
Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	4	63	0.028	4	63	0.147	4	63	0.175
08:00 - 09:00	4	63	0.071	4	63	0.456	4	63	0.527
09:00 - 10:00	4	63	0.056	4	63	0.262	4	63	0.318
10:00 - 11:00	4	63	0.099	4	63	0.143	4	63	0.242
11:00 - 12:00	4	63	0.127	4	63	0.175	4	63	0.302
12:00 - 13:00	4	63	0.198	4	63	0.230	4	63	0.428
13:00 - 14:00	4	63	0.198	4	63	0.194	4	63	0.392
14:00 - 15:00	4	63	0.194	4	63	0.139	4	63	0.333
15:00 - 16:00	4	63	0.254	4	63	0.183	4	63	0.437
16:00 - 17:00	4	63	0.409	4	63	0.337	4	63	0.746
17:00 - 18:00	4	63	0.663	4	63	0.262	4	63	0.925
18:00 - 19:00	4	63	0.337	4	63	0.060	4	63	0.397
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	2.634			2.588			5.222		

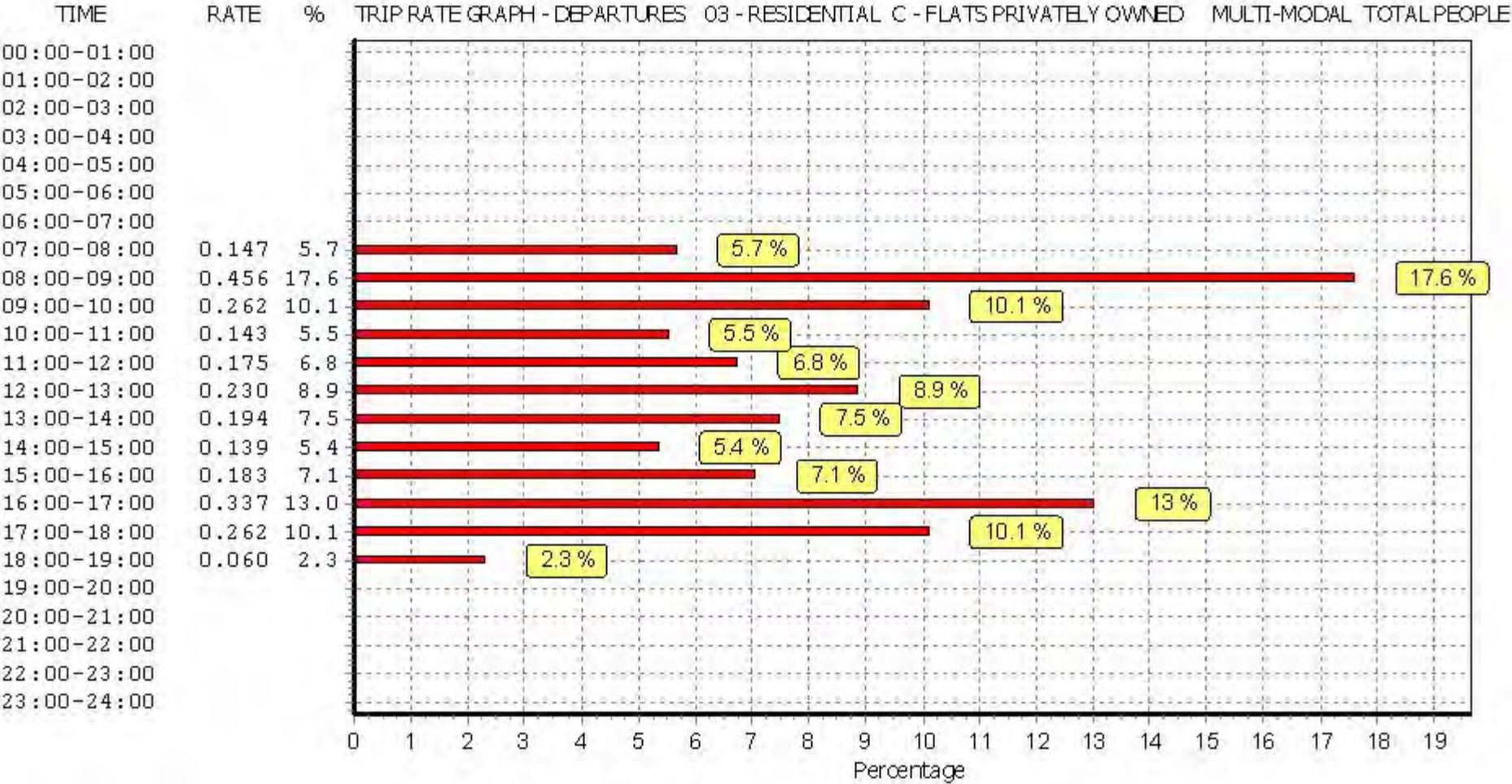
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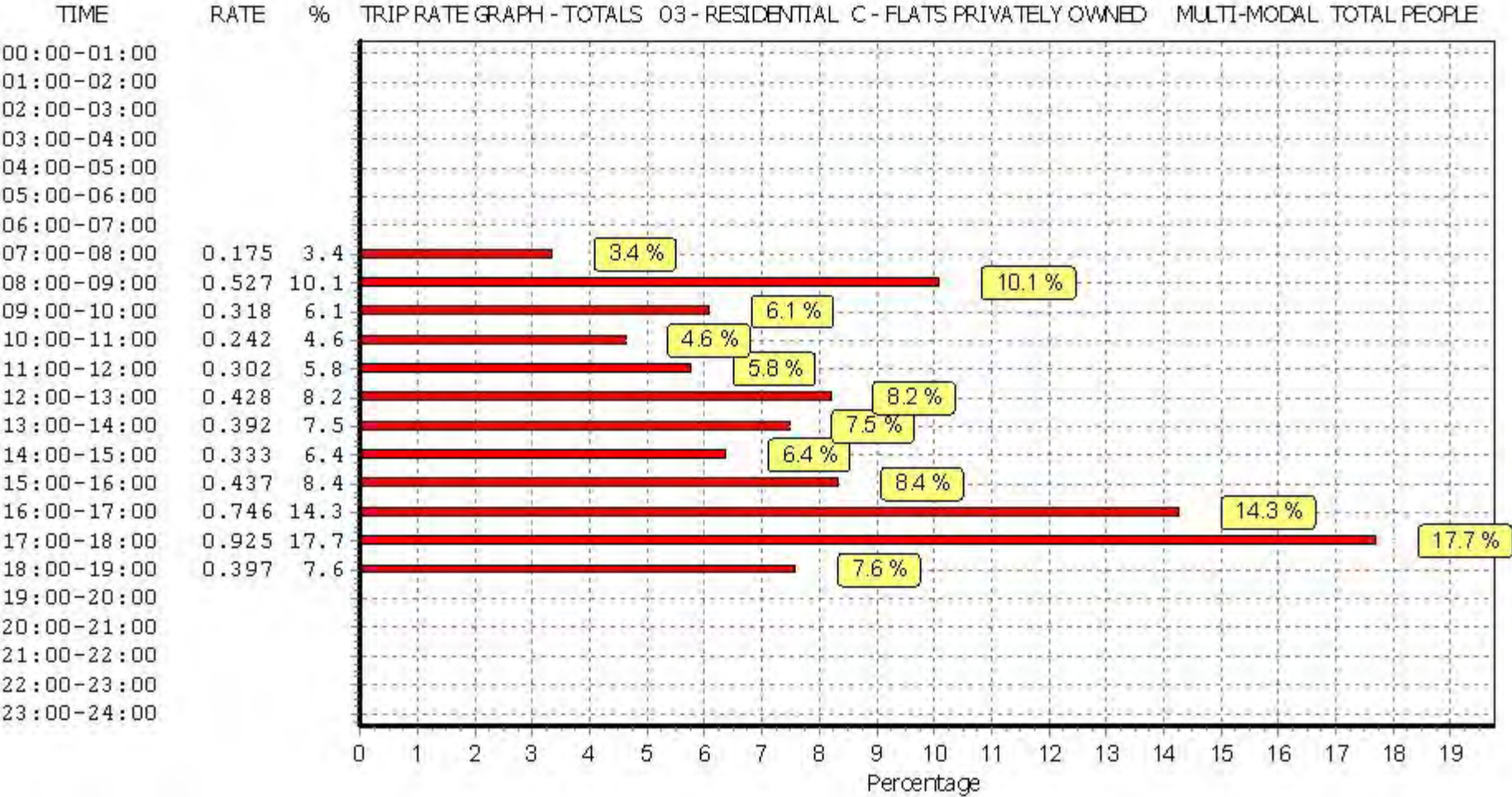


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Calculation Reference: AUDIT-701005-180808-0824

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD &amp; DRINK

Category : A - HOTELS

## VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
03	SOUTH WEST	
	WL WILTSHIRE	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
09	NORTH	
	CB CUMBRIA	1 days
	TV TEES VALLEY	1 days
	TW TYNE & WEAR	1 days
10	WALES	
	CF CARDIFF	2 days
	NW NEWPORT	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

## Secondary Filtering selection:

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

Parameter: Number of bedrooms

Actual Range: 24 to 213 (units: )

Range Selected by User: 4 to 380 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 26/09/16

*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	5 days
Tuesday	2 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	12 days
Directional ATC Count	0 days

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

Town Centre	10
Edge of Town Centre	2

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

Commercial Zone	2
Residential Zone	1
Built-Up Zone	6
High Street	3

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

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Secondary Filtering selection:

Use Class:

A3	1 days
C1	10 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:

5,001 to 10,000	1 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	8 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
75,001 to 100,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	4 days
500,001 or More	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	7 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	12 days
----	---------

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

PTAL Rating:

No PTAL Present	12 days
-----------------	---------

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

LIST OF SITES relevant to selection parameters

1	CB-06-A-01 HOTEL ENGLISH STREET CARLISLE		CUMBRIA
	Town Centre High Street Total Number of bedrooms: 92 <i>Survey date: MONDAY 20/06/16</i>		<i>Survey Type: MANUAL</i>
2	CF-06-A-03 HOLIDAY INN EXPRESS LONGUEIL CLOSE CARDIFF		CARDIFF
	Edge of Town Centre Residential Zone Total Number of bedrooms: 87 <i>Survey date: MONDAY 16/07/12</i>		<i>Survey Type: MANUAL</i>
3	CF-06-A-04 TRAVELODGE THE FRIARY CARDIFF		CARDIFF
	Town Centre Built-Up Zone Total Number of bedrooms: 96 <i>Survey date: MONDAY 16/07/12</i>		<i>Survey Type: MANUAL</i>
4	DS-06-A-02 JURY'S INN KING STREET DERBY		DERBYSHIRE
	Town Centre Commercial Zone Total Number of bedrooms: 213 <i>Survey date: TUESDAY 19/07/11</i>		<i>Survey Type: MANUAL</i>
5	EX-06-A-01 TRAVELODGE CHICHESTER ROAD SOUTHEND-ON-SEA		ESSEX
	Town Centre Built-Up Zone Total Number of bedrooms: 55 <i>Survey date: WEDNESDAY 23/10/13</i>		<i>Survey Type: MANUAL</i>
6	GM-06-A-08 IBIS PORTLAND STREET MANCHESTER		GREATER MANCHESTER
	Town Centre Built-Up Zone Total Number of bedrooms: 127 <i>Survey date: MONDAY 26/09/16</i>		<i>Survey Type: MANUAL</i>
7	HI-06-A-04 HOTEL ACADEMY STREET INVERNESS		HIGHLAND
	Town Centre High Street Total Number of bedrooms: 84 <i>Survey date: FRIDAY 13/05/11</i>		<i>Survey Type: MANUAL</i>
8	NT-06-A-02 PREMIER INN LONDON ROAD NOTTINGHAM		NOTTINGHAMSHIRE
	Edge of Town Centre Built-Up Zone Total Number of bedrooms: 87 <i>Survey date: MONDAY 24/06/13</i>		<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	NW-06-A-01 BRIDGE STREET NEWPORT	TRAVELODGE		NEWPORT
	Town Centre High Street			
	Total Number of bedrooms:	62		
	Survey date: THURSDAY	14/10/10		Survey Type: MANUAL
10	TV-06-A-04 FRY STREET MIDDLESBROUGH	THISTLE		TEES VALLEY
	Town Centre Commercial Zone			
	Total Number of bedrooms:	132		
	Survey date: THURSDAY	03/10/13		Survey Type: MANUAL
11	TW-06-A-03 SANDHILL NEWCASTLE UPON TYNE QUAYSIDE	HOTEL		TYNE & WEAR
	Town Centre Built-Up Zone			
	Total Number of bedrooms:	24		
	Survey date: TUESDAY	14/06/16		Survey Type: MANUAL
12	WL-06-A-02 BRIDGE STREET SWINDON	HOLIDAY INN EXPRESS		WILTSHIRE
	Town Centre Built-Up Zone			
	Total Number of bedrooms:	134		
	Survey date: WEDNESDAY	27/11/13		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.*

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TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS  
VEHICLES

Calculation factor: 1 BEDRMS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	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	12	99	0.054	12	99	0.084	12	99	0.138
08:00 - 09:00	12	99	0.072	12	99	0.135	12	99	0.207
09:00 - 10:00	12	99	0.089	12	99	0.106	12	99	0.195
10:00 - 11:00	12	99	0.059	12	99	0.067	12	99	0.126
11:00 - 12:00	12	99	0.042	12	99	0.063	12	99	0.105
12:00 - 13:00	12	99	0.046	12	99	0.037	12	99	0.083
13:00 - 14:00	12	99	0.054	12	99	0.043	12	99	0.097
14:00 - 15:00	12	99	0.039	12	99	0.041	12	99	0.080
15:00 - 16:00	12	99	0.051	12	99	0.055	12	99	0.106
16:00 - 17:00	12	99	0.078	12	99	0.049	12	99	0.127
17:00 - 18:00	12	99	0.104	12	99	0.054	12	99	0.158
18:00 - 19:00	12	99	0.090	12	99	0.048	12	99	0.138
19:00 - 20:00	12	99	0.065	12	99	0.049	12	99	0.114
20:00 - 21:00	12	99	0.046	12	99	0.033	12	99	0.079
21:00 - 22:00	12	99	0.039	12	99	0.023	12	99	0.062
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	0.928			0.887			1.815		

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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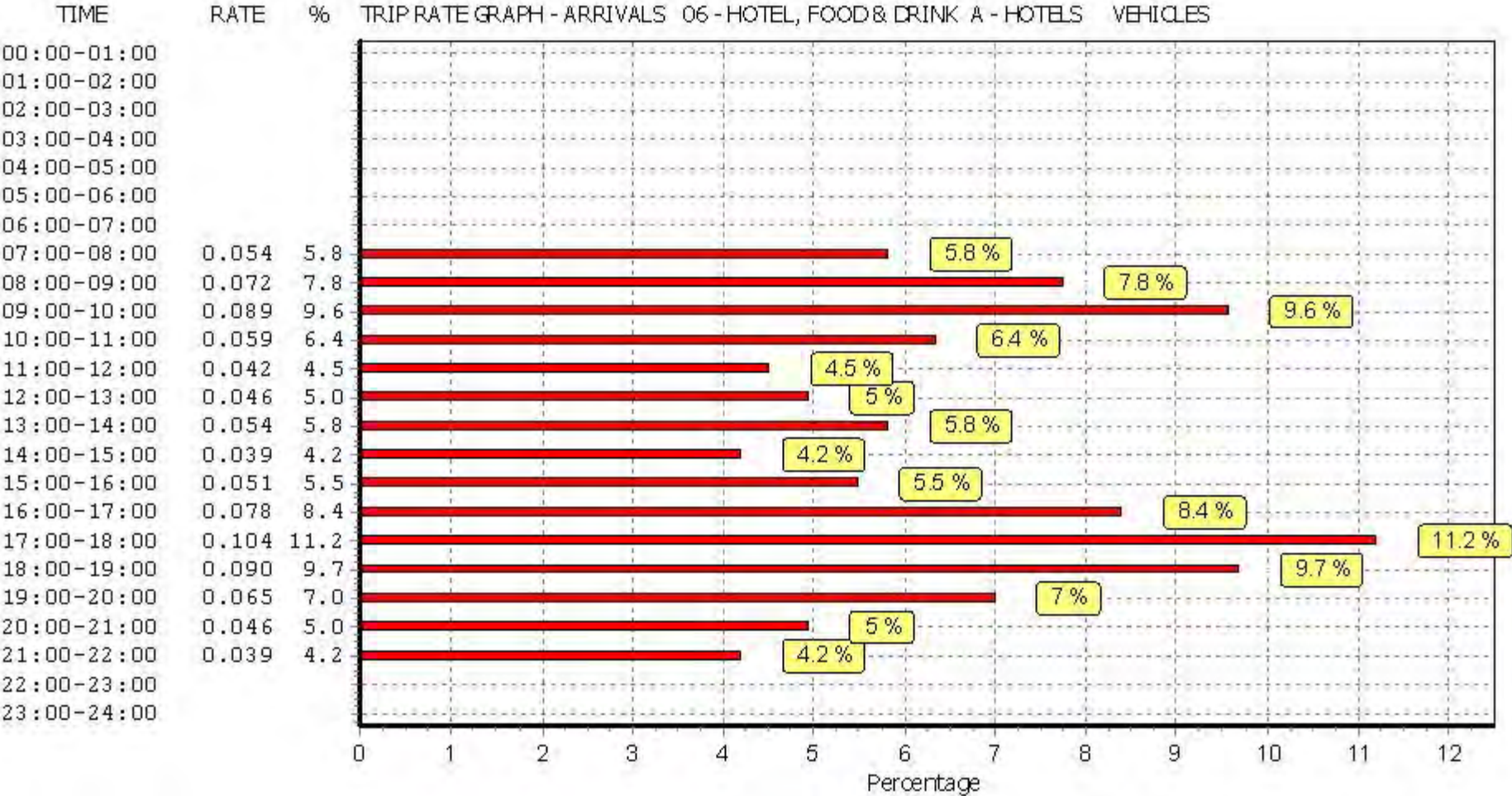
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#### Parameter summary

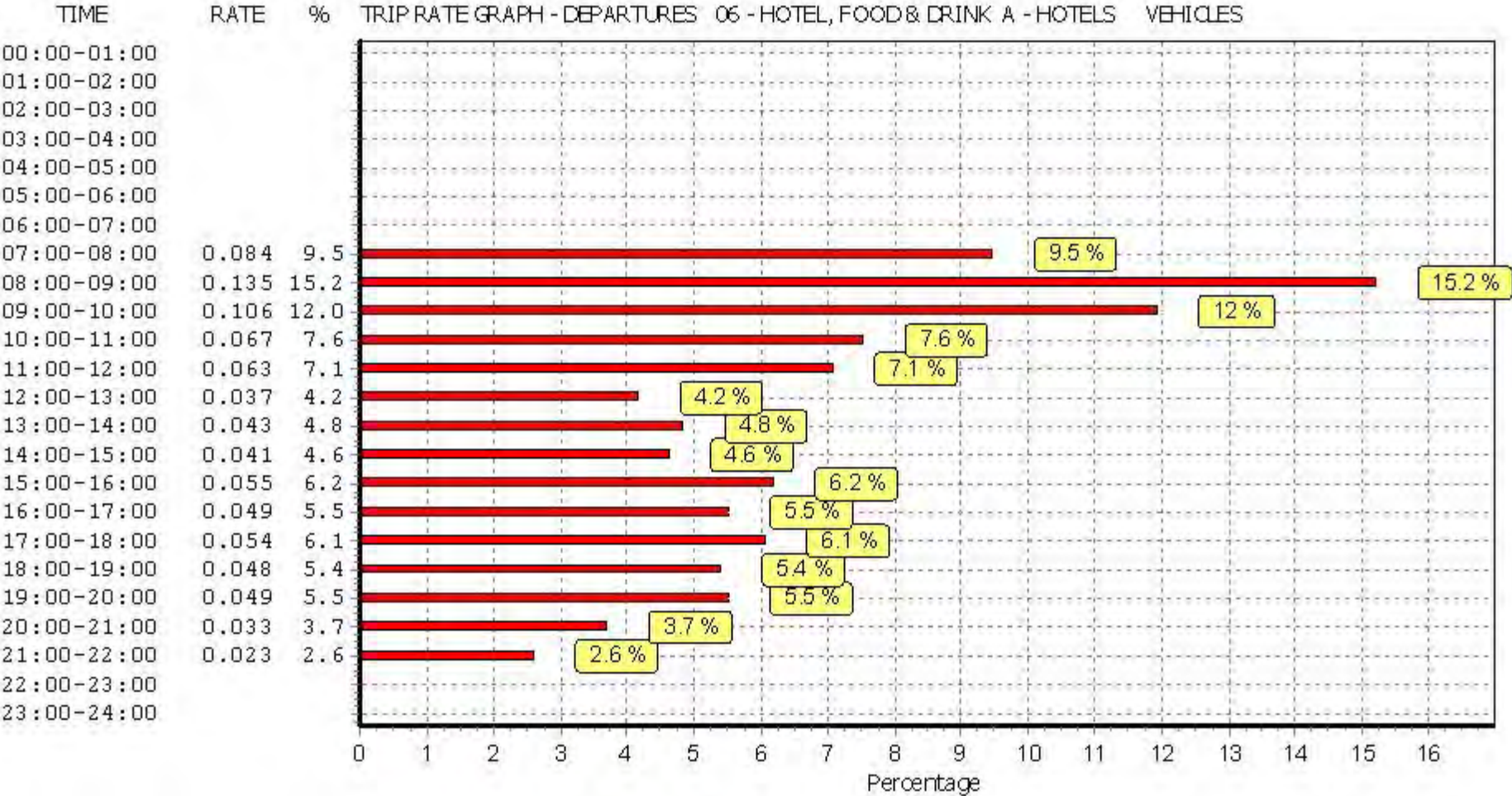
Trip rate parameter range selected:	24 - 213 (units: )
Survey date date range:	01/01/10 - 26/09/16
Number of weekdays (Monday-Friday):	12
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	0

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



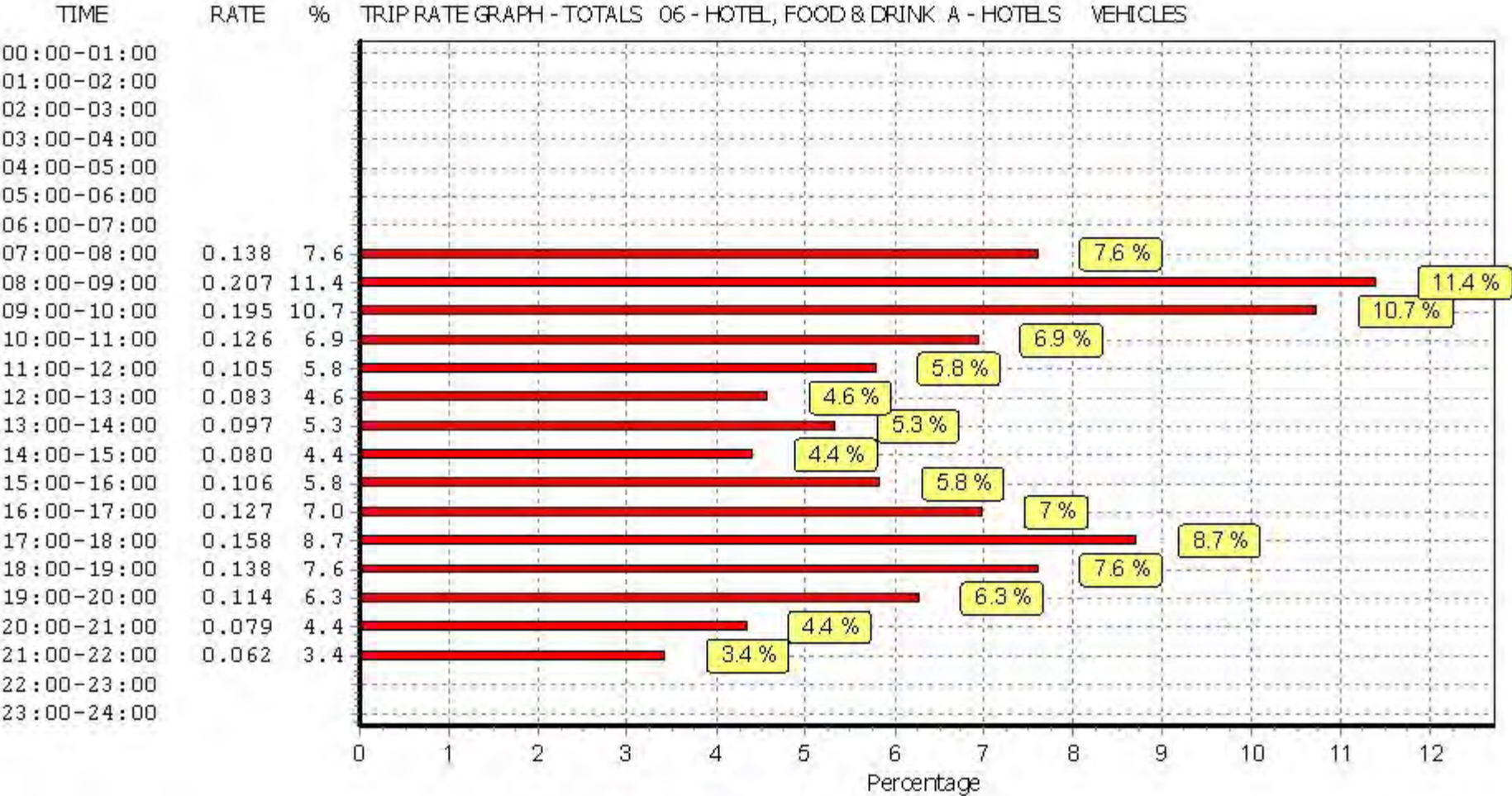


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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



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Licence No: 701005

TRIP RATE for Land Use 06 - HOTEL, FOOD &amp; DRINK/A - HOTELS

TAXIS

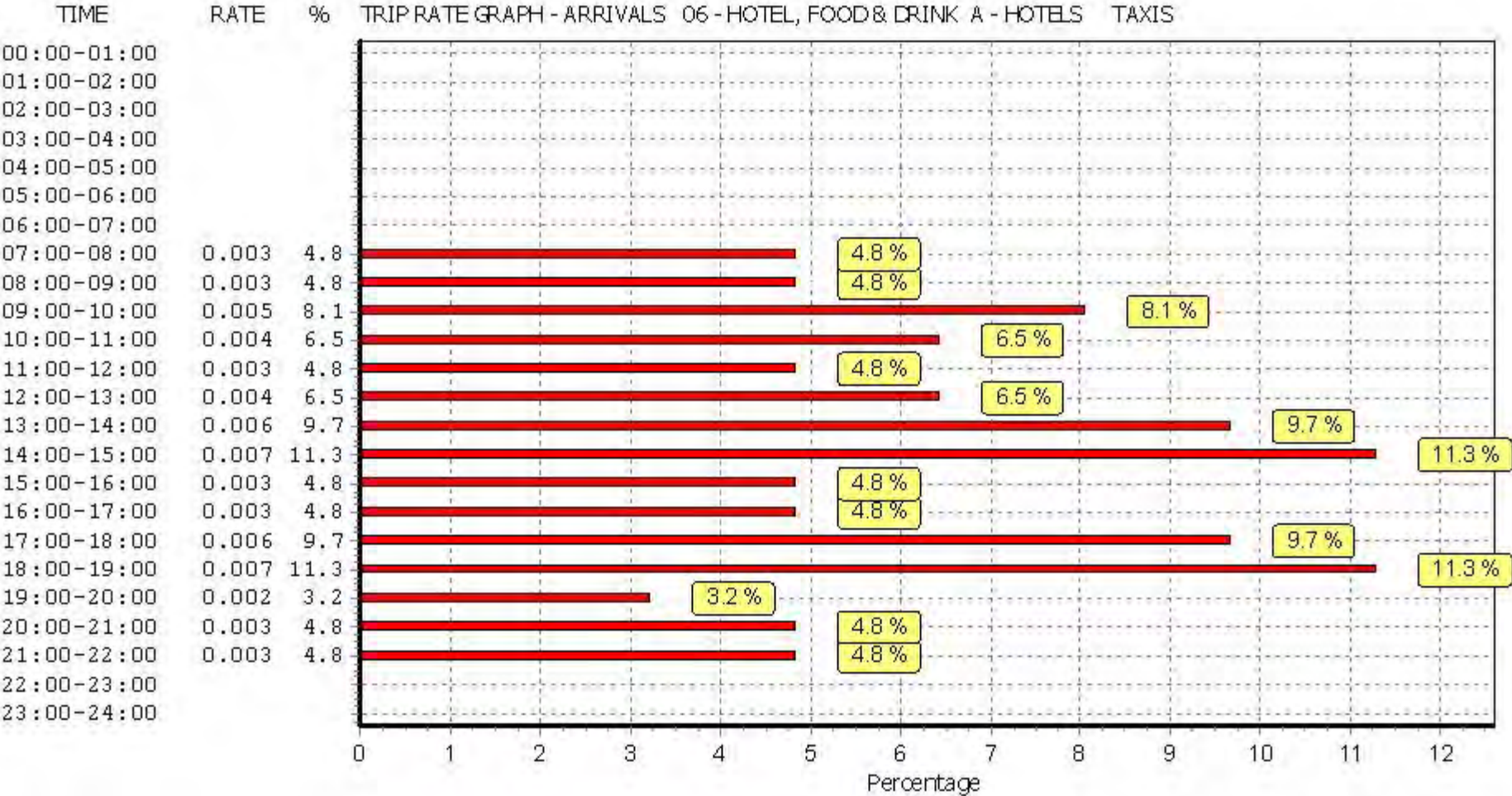
Calculation factor: 1 BEDRMS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	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	12	99	0.003	12	99	0.003	12	99	0.006
08:00 - 09:00	12	99	0.003	12	99	0.005	12	99	0.008
09:00 - 10:00	12	99	0.005	12	99	0.008	12	99	0.013
10:00 - 11:00	12	99	0.004	12	99	0.008	12	99	0.012
11:00 - 12:00	12	99	0.003	12	99	0.004	12	99	0.007
12:00 - 13:00	12	99	0.004	12	99	0.004	12	99	0.008
13:00 - 14:00	12	99	0.006	12	99	0.007	12	99	0.013
14:00 - 15:00	12	99	0.007	12	99	0.004	12	99	0.011
15:00 - 16:00	12	99	0.003	12	99	0.003	12	99	0.006
16:00 - 17:00	12	99	0.003	12	99	0.002	12	99	0.005
17:00 - 18:00	12	99	0.006	12	99	0.004	12	99	0.010
18:00 - 19:00	12	99	0.007	12	99	0.006	12	99	0.013
19:00 - 20:00	12	99	0.002	12	99	0.004	12	99	0.006
20:00 - 21:00	12	99	0.003	12	99	0.006	12	99	0.009
21:00 - 22:00	12	99	0.003	12	99	0.004	12	99	0.007
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	0.062			0.072			0.134		

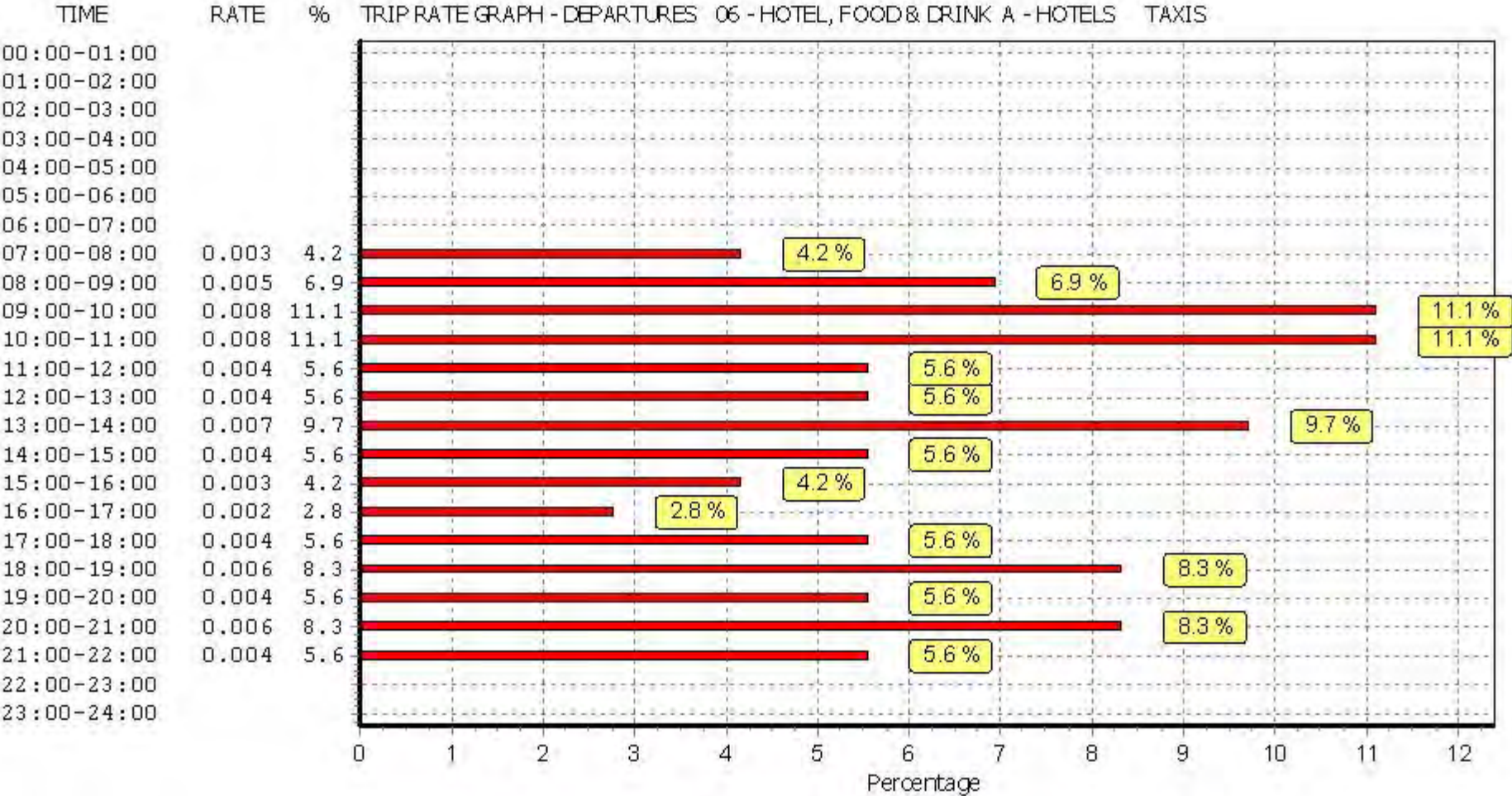
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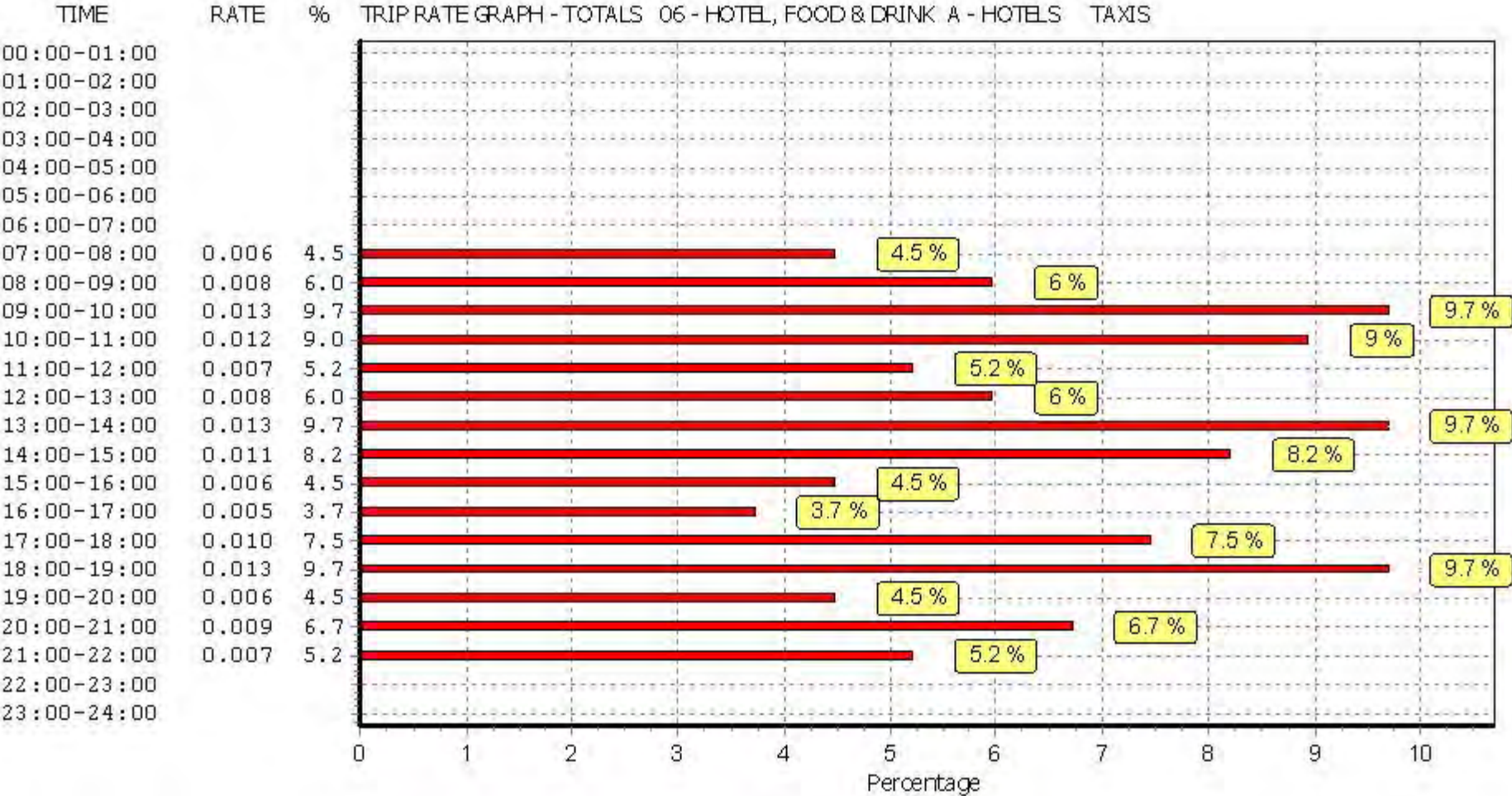


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TRIP RATE for Land Use 06 - HOTEL, FOOD &amp; DRINK/A - HOTELS

OGVS

Calculation factor: 1 BEDRMS

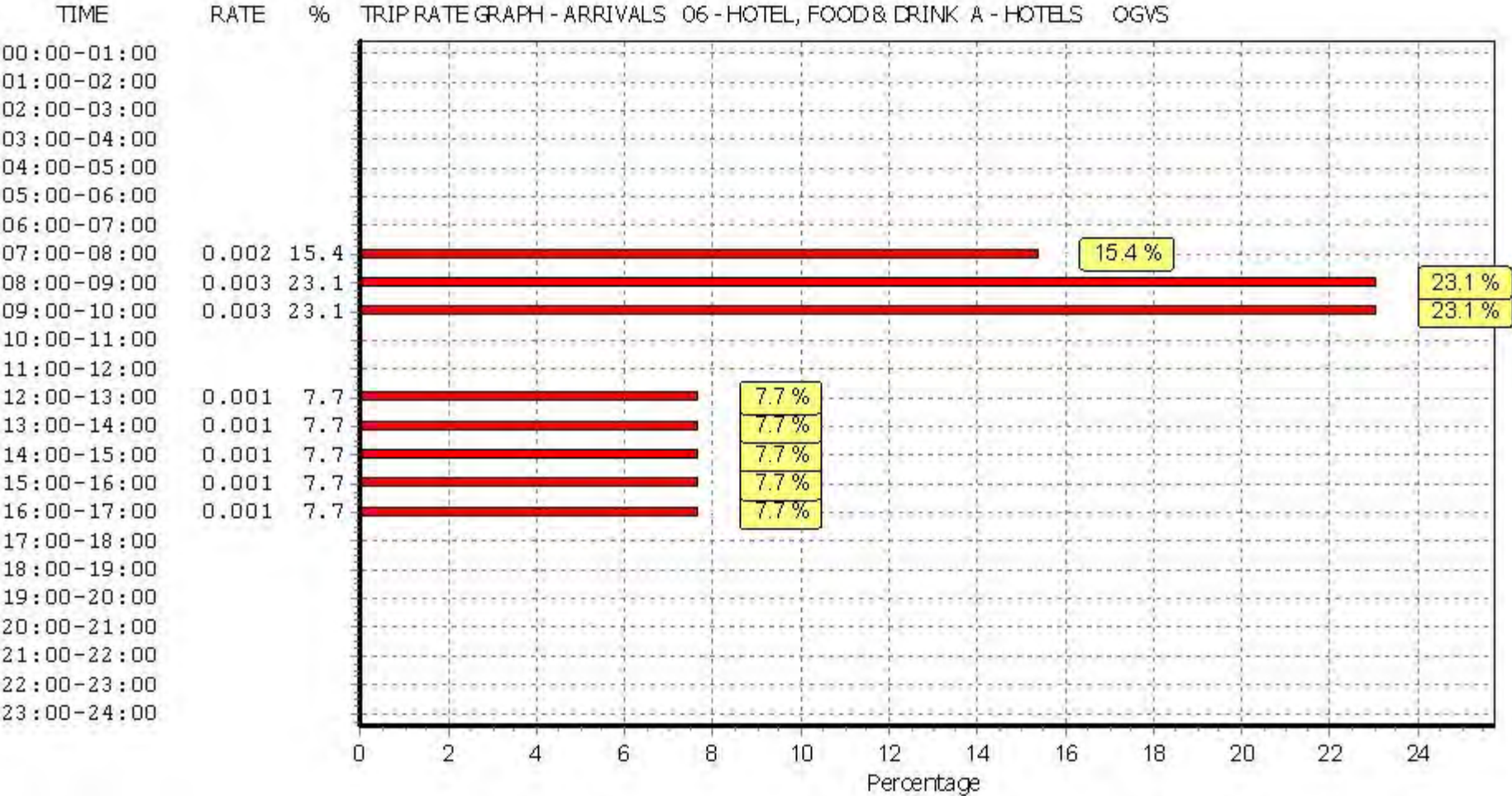
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	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	12	99	0.002	12	99	0.002	12	99	0.004
08:00 - 09:00	12	99	0.003	12	99	0.003	12	99	0.006
09:00 - 10:00	12	99	0.003	12	99	0.003	12	99	0.006
10:00 - 11:00	12	99	0.000	12	99	0.001	12	99	0.001
11:00 - 12:00	12	99	0.000	12	99	0.000	12	99	0.000
12:00 - 13:00	12	99	0.001	12	99	0.001	12	99	0.002
13:00 - 14:00	12	99	0.001	12	99	0.001	12	99	0.002
14:00 - 15:00	12	99	0.001	12	99	0.001	12	99	0.002
15:00 - 16:00	12	99	0.001	12	99	0.001	12	99	0.002
16:00 - 17:00	12	99	0.001	12	99	0.001	12	99	0.002
17:00 - 18:00	12	99	0.000	12	99	0.000	12	99	0.000
18:00 - 19:00	12	99	0.000	12	99	0.000	12	99	0.000
19:00 - 20:00	12	99	0.000	12	99	0.000	12	99	0.000
20:00 - 21:00	12	99	0.000	12	99	0.000	12	99	0.000
21:00 - 22:00	12	99	0.000	12	99	0.000	12	99	0.000
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			<b>0.013</b>			<b>0.014</b>			<b>0.027</b>

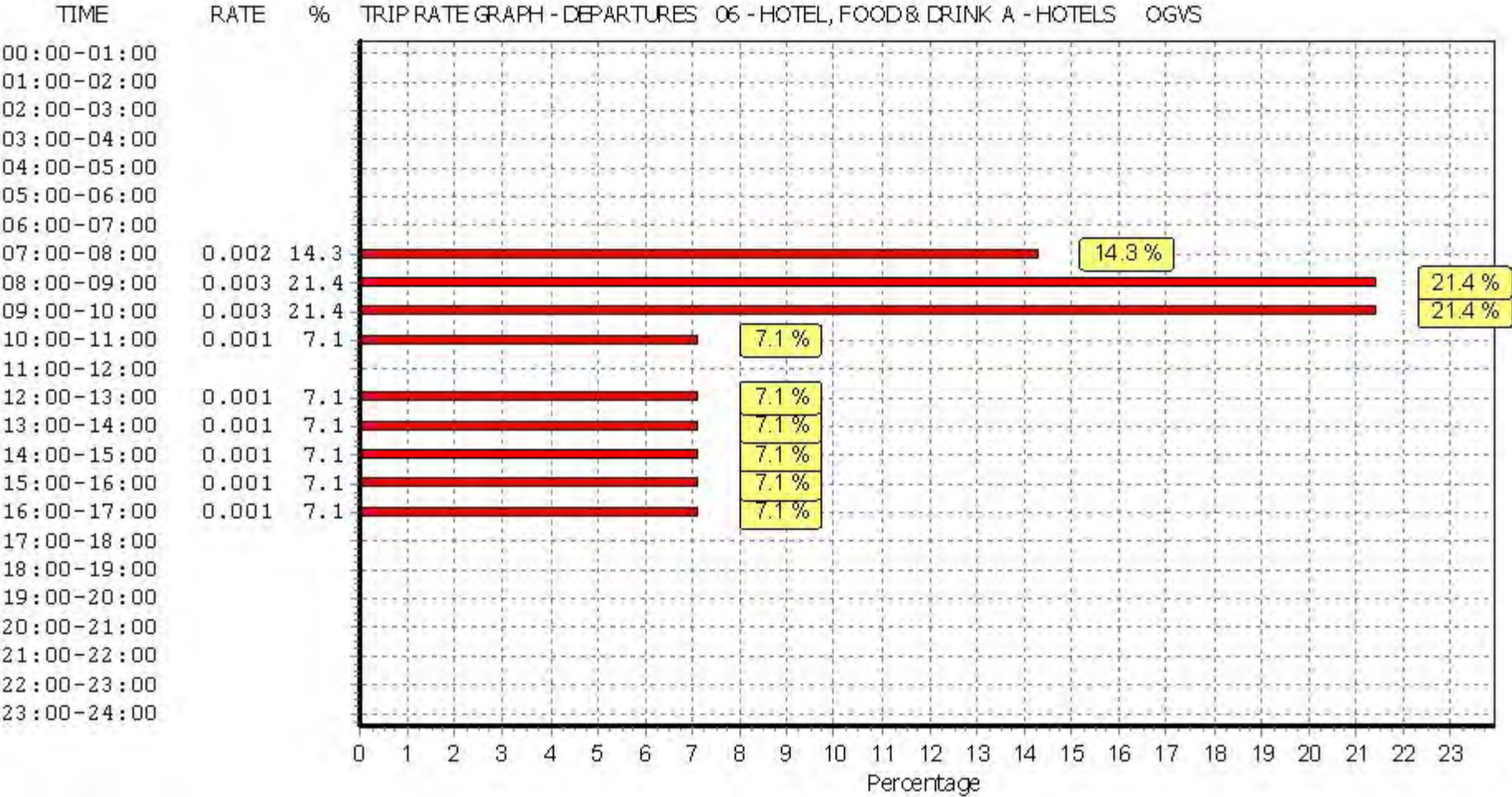
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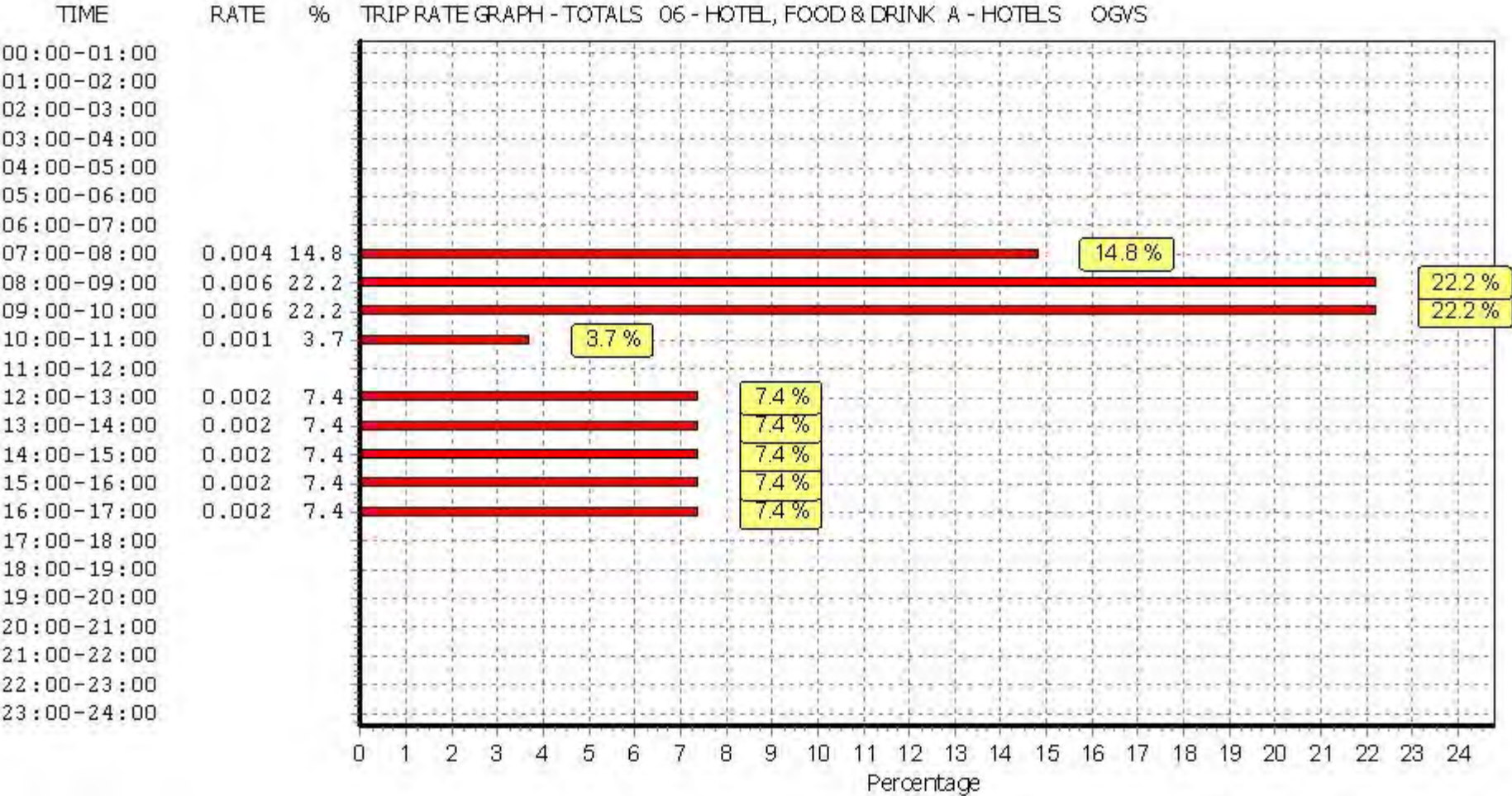


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TRIP RATE for Land Use 06 - HOTEL, FOOD &amp; DRINK/A - HOTELS

PSVS

Calculation factor: 1 BEDRMS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	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	12	99	0.000	12	99	0.000	12	99	0.000
08:00 - 09:00	12	99	0.001	12	99	0.001	12	99	0.002
09:00 - 10:00	12	99	0.001	12	99	0.001	12	99	0.002
10:00 - 11:00	12	99	0.000	12	99	0.000	12	99	0.000
11:00 - 12:00	12	99	0.000	12	99	0.000	12	99	0.000
12:00 - 13:00	12	99	0.000	12	99	0.000	12	99	0.000
13:00 - 14:00	12	99	0.000	12	99	0.000	12	99	0.000
14:00 - 15:00	12	99	0.000	12	99	0.000	12	99	0.000
15:00 - 16:00	12	99	0.001	12	99	0.001	12	99	0.002
16:00 - 17:00	12	99	0.001	12	99	0.000	12	99	0.001
17:00 - 18:00	12	99	0.003	12	99	0.003	12	99	0.006
18:00 - 19:00	12	99	0.001	12	99	0.001	12	99	0.002
19:00 - 20:00	12	99	0.000	12	99	0.000	12	99	0.000
20:00 - 21:00	12	99	0.000	12	99	0.000	12	99	0.000
21:00 - 22:00	12	99	0.000	12	99	0.000	12	99	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.008			0.007			0.015

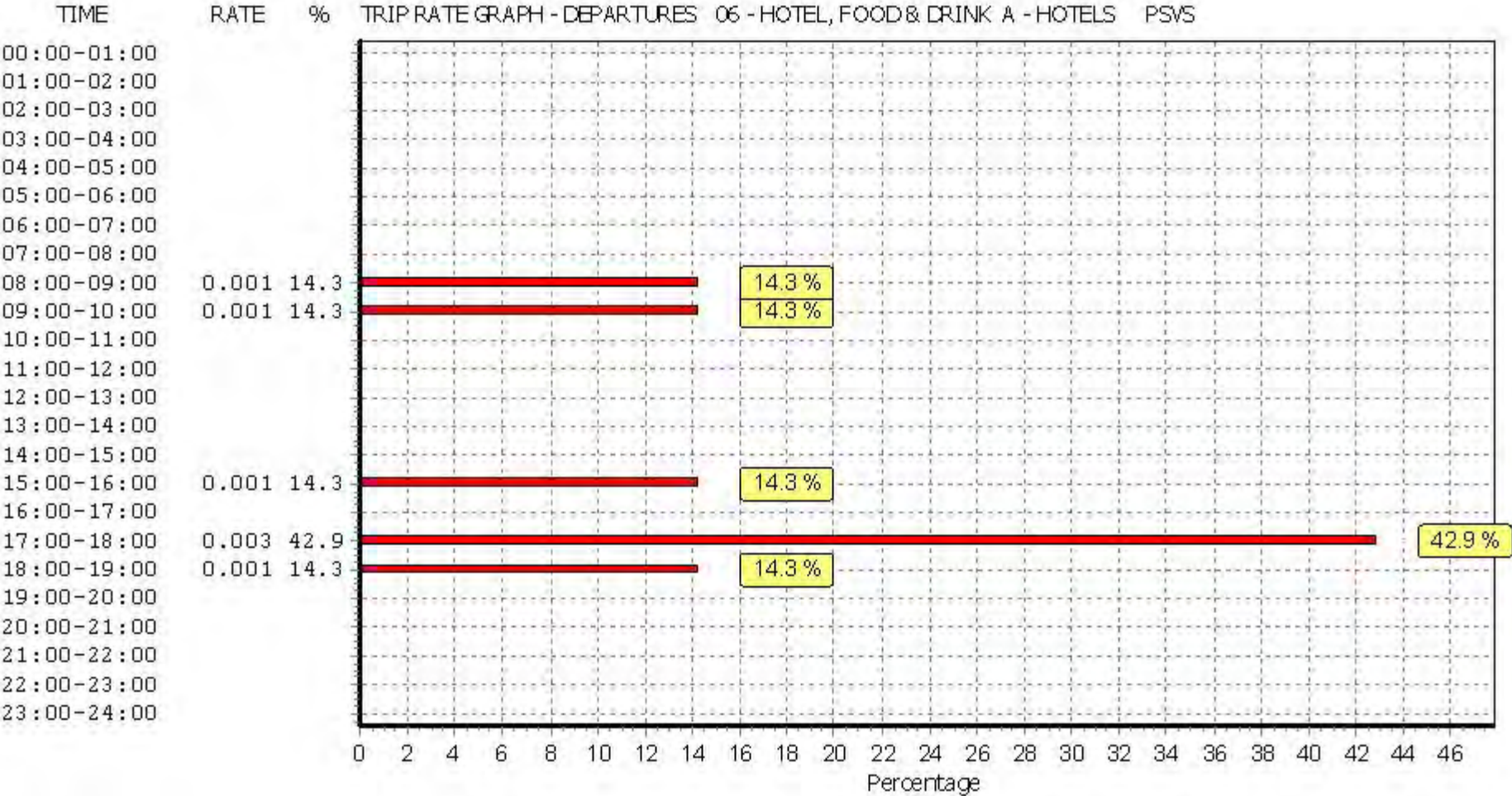
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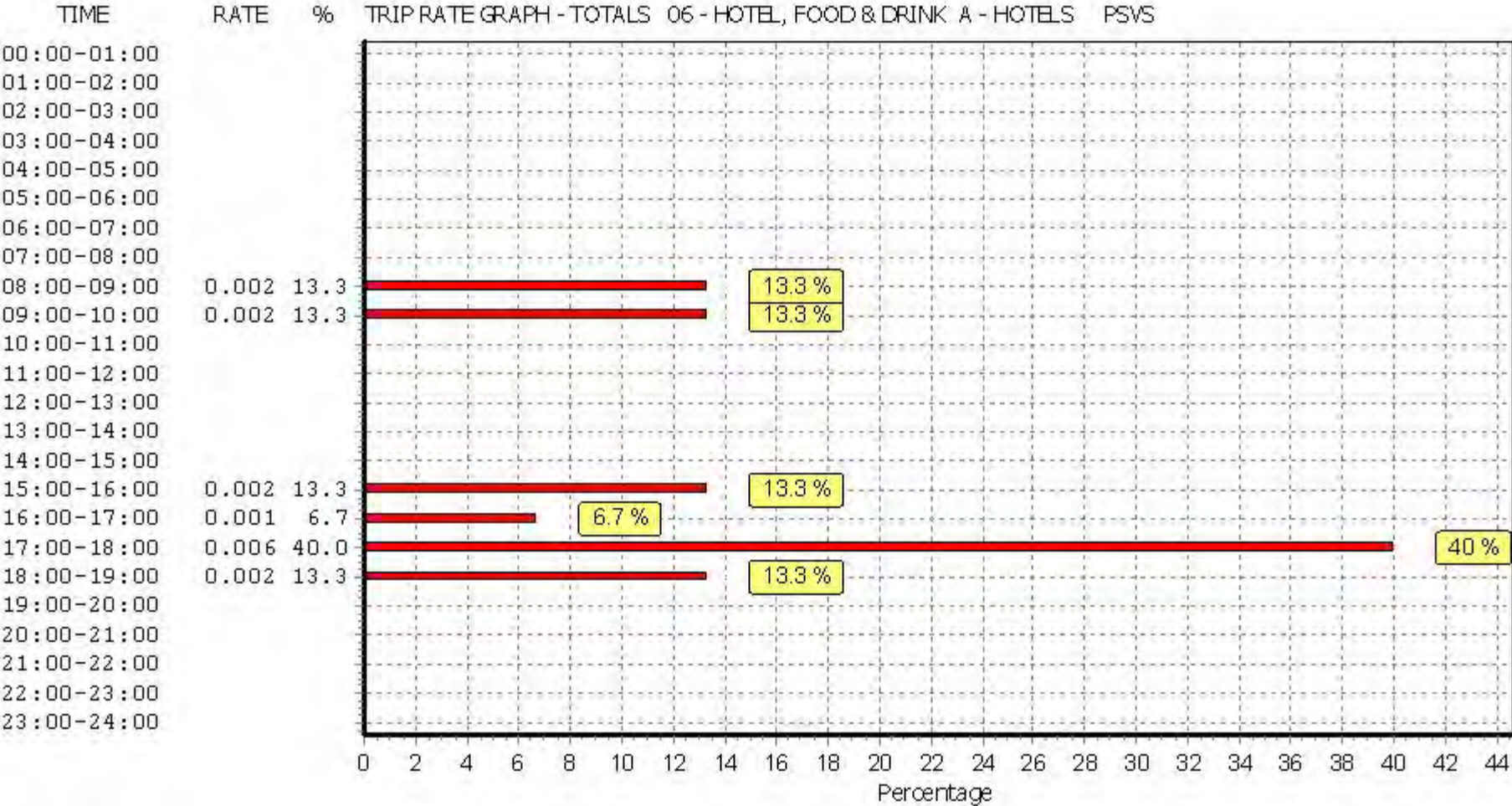


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Arup Rose Wharf Leeds

Licence No: 701005

TRIP RATE for Land Use 06 - HOTEL, FOOD &amp; DRINK/A - HOTELS

CYCLISTS

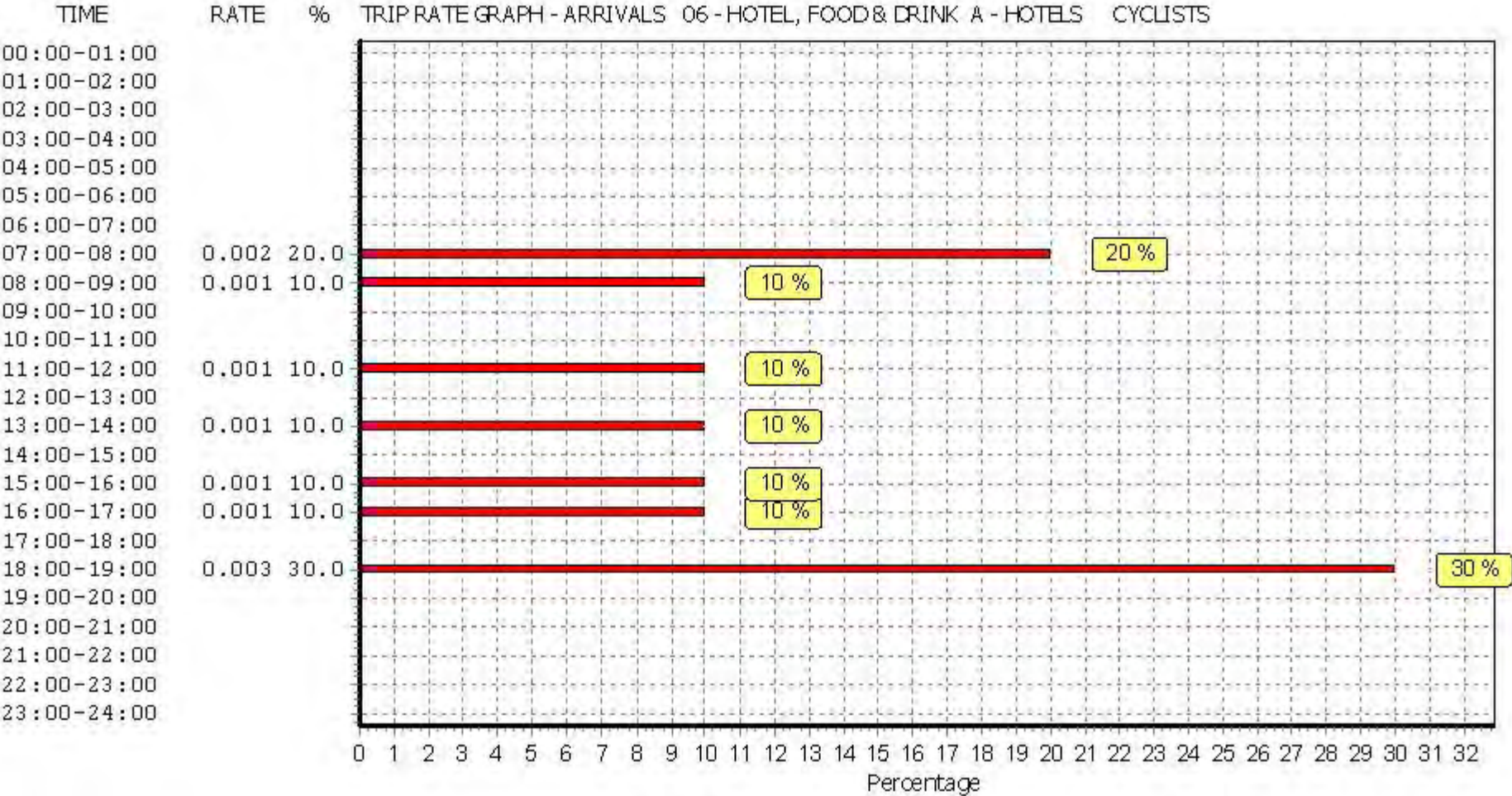
Calculation factor: 1 BEDRMS

BOLD print indicates peak (busiest) period

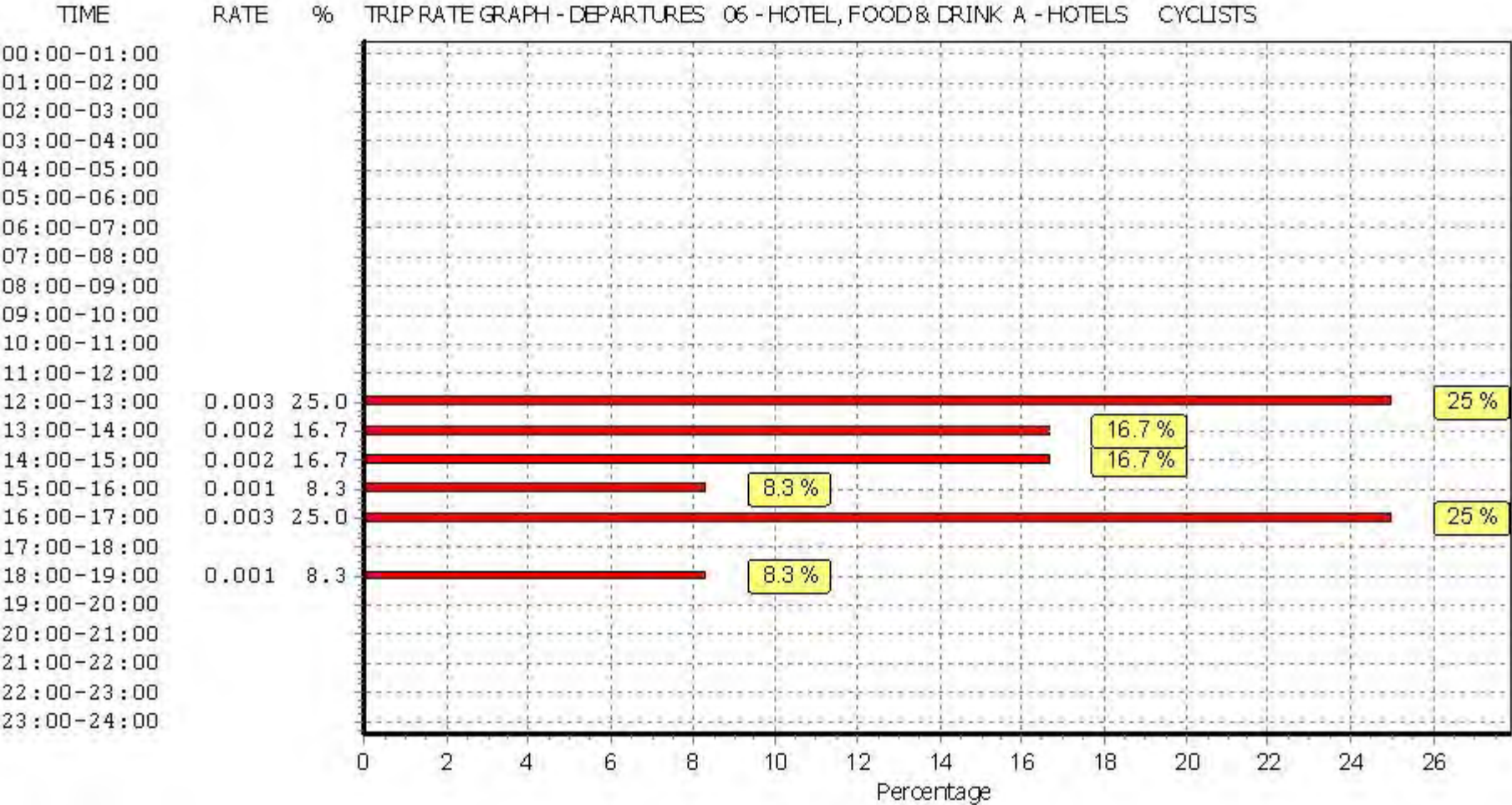
Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	12	99	0.002	12	99	0.000	12	99	0.002
08:00 - 09:00	12	99	0.001	12	99	0.000	12	99	0.001
09:00 - 10:00	12	99	0.000	12	99	0.000	12	99	0.000
10:00 - 11:00	12	99	0.000	12	99	0.000	12	99	0.000
11:00 - 12:00	12	99	0.001	12	99	0.000	12	99	0.001
12:00 - 13:00	12	99	0.000	12	99	0.003	12	99	0.003
13:00 - 14:00	12	99	0.001	12	99	0.002	12	99	0.003
14:00 - 15:00	12	99	0.000	12	99	0.002	12	99	0.002
15:00 - 16:00	12	99	0.001	12	99	0.001	12	99	0.002
16:00 - 17:00	12	99	0.001	12	99	0.003	12	99	0.004
17:00 - 18:00	12	99	0.000	12	99	0.000	12	99	0.000
18:00 - 19:00	12	99	0.003	12	99	0.001	12	99	0.004
19:00 - 20:00	12	99	0.000	12	99	0.000	12	99	0.000
20:00 - 21:00	12	99	0.000	12	99	0.000	12	99	0.000
21:00 - 22:00	12	99	0.000	12	99	0.000	12	99	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:	0.010			0.012			0.022		

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

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

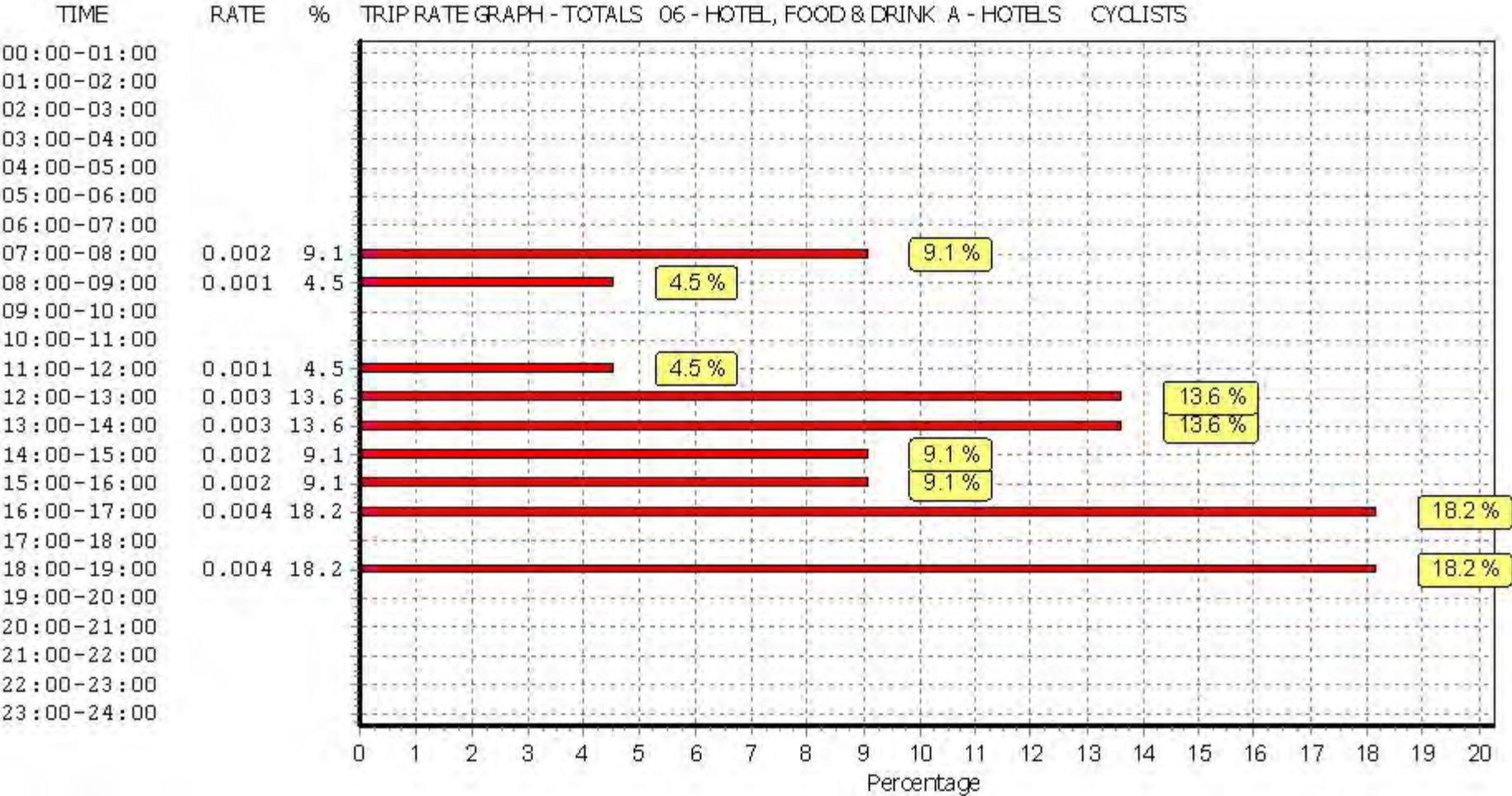


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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



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Calculation Reference: AUDIT-701005-180820-0848

## TRIP RATE CALCULATION SELECTION PARAMETERS:

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

### Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	KC KENT	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	2 days
	SF SUFFOLK	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	3 days
09	NORTH	
	TV TEES VALLEY	1 days
10	WALES	
	MT MERTHYR TYDFIL	1 days
	PS POWYS	1 days
	SW SWANSEA	2 days
11	SCOTLAND	
	DU DUNDEE CITY	1 days
	EB CITY OF EDINBURGH	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: 2225 to 8793 (units: sqm)  
 Range Selected by User: 2000 to 10000 (units: sqm)

### Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 12/09/17

*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	2 days
Tuesday	4 days
Wednesday	3 days
Thursday	5 days
Friday	3 days

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

### Selected survey types:

Manual count	17 days
Directional ATC Count	0 days

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

### Selected Locations:

Town Centre	6
Edge of Town Centre	11

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

### Selected Location Sub Categories:

Commercial Zone	3
Development Zone	3
Built-Up Zone	10
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,*



Secondary Filtering selection:

Use Class:

B1 17 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:

5,001 to 10,000	2 days
10,001 to 15,000	1 days
15,001 to 20,000	5 days
20,001 to 25,000	1 days
25,001 to 50,000	7 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	2 days
75,001 to 100,000	2 days
125,001 to 250,000	6 days
250,001 to 500,000	3 days
500,001 or More	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	7 days
1.1 to 1.5	9 days
1.6 to 2.0	1 days

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

Travel Plan:

Yes	7 days
No	10 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	17 days
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*This data displays the number of selected surveys with PTAL Ratings.*

LIST OF SITES relevant to selection parameters

1	BR-02-A-02 ST THOMAS STREET BRISTOL	PLANNING & ENGINEERING	BRISTOL CITY
	Town Centre Built-Up Zone Total Gross floor area:	5736 sqm	
	Survey date: FRIDAY	29/11/13	Survey Type: MANUAL
2	CA-02-A-05 NEW ROAD PETERBOROUGH	OFFICES	CAMBRIDGESHIRE
	Town Centre Built-Up Zone Total Gross floor area:	8793 sqm	
	Survey date: TUESDAY	16/12/14	Survey Type: MANUAL
3	DU-02-A-01 GREENMARKET DUNDEE	OFFICES	DUNDEE CITY
	Edge of Town Centre Development Zone Total Gross floor area:	3200 sqm	
	Survey date: THURSDAY	27/04/17	Survey Type: MANUAL
4	EB-02-A-06 ST ANDREW SQUARE EDINBURGH	REGUS OFFICES	CITY OF EDINBURGH
	Town Centre Built-Up Zone Total Gross floor area:	4500 sqm	
	Survey date: WEDNESDAY	16/03/16	Survey Type: MANUAL
5	ES-02-A-12 VICARAGE LANE HAILSHAM	COUNCIL OFFICES	EAST SUSSEX
	Edge of Town Centre Built-Up Zone Total Gross floor area:	3640 sqm	
	Survey date: THURSDAY	26/11/15	Survey Type: MANUAL
6	GM-02-A-07 MOSELEY STREET MANCHESTER	LAW OFFICES	GREATER MANCHESTER
	Town Centre Built-Up Zone Total Gross floor area:	4200 sqm	
	Survey date: WEDNESDAY	19/10/11	Survey Type: MANUAL
7	GM-02-A-08 FOUNTAIN STREET MANCHESTER	REGUS	GREATER MANCHESTER
	Town Centre Built-Up Zone Total Gross floor area:	3960 sqm	
	Survey date: MONDAY	26/09/16	Survey Type: MANUAL
8	GM-02-A-09 NEW MOUNT STREET MANCHESTER	LEASED OFFICES	GREATER MANCHESTER
	Edge of Town Centre Built-Up Zone Total Gross floor area:	2500 sqm	
	Survey date: MONDAY	26/09/16	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	KC-02-A-10 SANDLING ROAD MAIDSTONE	COUNCIL OFFICES		KENT
	Edge of Town Centre Built-Up Zone Total Gross floor area:		2900 sqm	
	Survey date: WEDNESDAY		19/10/11	Survey Type: MANUAL
10	MT-02-A-02 CASTLE STREET MERTHYR TYDFIL	COUNCIL OFFICES		MERTHYR TYDFIL
	Edge of Town Centre Built-Up Zone Total Gross floor area:		5250 sqm	
	Survey date: THURSDAY		17/10/13	Survey Type: MANUAL
11	NF-02-A-01 CHAPEL STREET KING'S LYNN	COUNCIL OFFICE		NORFOLK
	Edge of Town Centre Built-Up Zone Total Gross floor area:		5500 sqm	
	Survey date: THURSDAY		30/09/10	Survey Type: MANUAL
12	NF-02-A-03 NORTH QUAY GREAT YARMOUTH	OFFICES		NORFOLK
	Edge of Town Centre Commercial Zone Total Gross floor area:		5500 sqm	
	Survey date: TUESDAY		12/09/17	Survey Type: MANUAL
13	PS-02-A-01 SEVERN ROAD WELSHPOOL	COUNCIL OFFICES		POWYS
	Edge of Town Centre No Sub Category Total Gross floor area:		3920 sqm	
	Survey date: TUESDAY		12/05/15	Survey Type: MANUAL
14	SF-02-A-02 BATH STREET IPSWICH	OFFICES		SUFFOLK
	Edge of Town Centre Commercial Zone Total Gross floor area:		6505 sqm	
	Survey date: FRIDAY		19/07/13	Survey Type: MANUAL
15	SW-02-A-01 LANGDON ROAD SWANSEA	OFFICES		SWANSEA
	Edge of Town Centre Development Zone Total Gross floor area:		6630 sqm	
	Survey date: FRIDAY		25/10/13	Survey Type: MANUAL
16	SW-02-A-02 KINGS ROAD SWANSEA	OFFICE		SWANSEA
	Edge of Town Centre Development Zone Total Gross floor area:		2225 sqm	
	Survey date: THURSDAY		24/10/13	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

17 TV-02-A-04 COUNCIL OFFICES TEES VALLEY  
CORPORATION ROAD  
MIDDLESBROUGH

Town Centre

Commercial Zone

Total Gross floor area: 3950 sqm

Survey date: TUESDAY

08/10/13

Survey Type: MANUAL

*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.*

Arup Rose Wharf Leeds

Licence No: 701005

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

MULTI-MODAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4464	0.153	17	4464	0.020	17	4464	0.173
07:30 - 08:00	17	4464	0.567	17	4464	0.117	17	4464	0.684
08:00 - 08:30	17	4464	0.762	17	4464	0.130	17	4464	0.892
08:30 - 09:00	17	4464	0.847	17	4464	0.153	17	4464	1.000
09:00 - 09:30	17	4464	0.505	17	4464	0.133	17	4464	0.638
09:30 - 10:00	17	4464	0.316	17	4464	0.152	17	4464	0.468
10:00 - 10:30	17	4464	0.174	17	4464	0.146	17	4464	0.320
10:30 - 11:00	17	4464	0.166	17	4464	0.138	17	4464	0.304
11:00 - 11:30	17	4464	0.138	17	4464	0.140	17	4464	0.278
11:30 - 12:00	17	4464	0.178	17	4464	0.121	17	4464	0.299
12:00 - 12:30	17	4464	0.140	17	4464	0.183	17	4464	0.323
12:30 - 13:00	17	4464	0.161	17	4464	0.170	17	4464	0.331
13:00 - 13:30	17	4464	0.142	17	4464	0.169	17	4464	0.311
13:30 - 14:00	17	4464	0.173	17	4464	0.181	17	4464	0.354
14:00 - 14:30	17	4464	0.144	17	4464	0.146	17	4464	0.290
14:30 - 15:00	17	4464	0.103	17	4464	0.177	17	4464	0.280
15:00 - 15:30	17	4464	0.092	17	4464	0.136	17	4464	0.228
15:30 - 16:00	17	4464	0.098	17	4464	0.188	17	4464	0.286
16:00 - 16:30	17	4464	0.119	17	4464	0.402	17	4464	0.521
16:30 - 17:00	17	4464	0.094	17	4464	0.461	17	4464	0.555
17:00 - 17:30	17	4464	0.090	17	4464	0.725	17	4464	0.815
17:30 - 18:00	17	4464	0.047	17	4464	0.364	17	4464	0.411
18:00 - 18:30	17	4464	0.022	17	4464	0.333	17	4464	0.355
18:30 - 19:00	17	4464	0.017	17	4464	0.123	17	4464	0.140
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:	5.248			5.008			10.256		

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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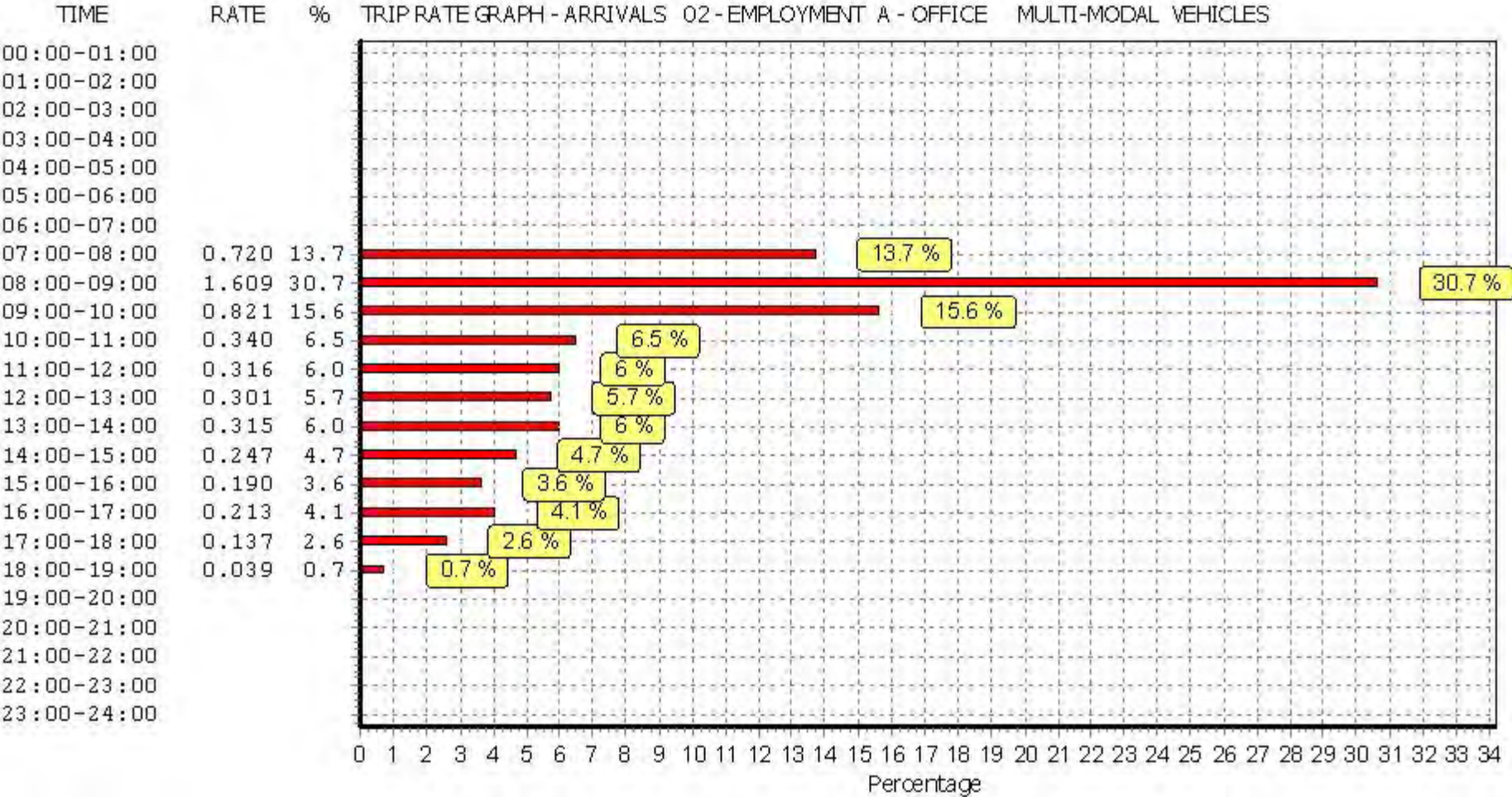
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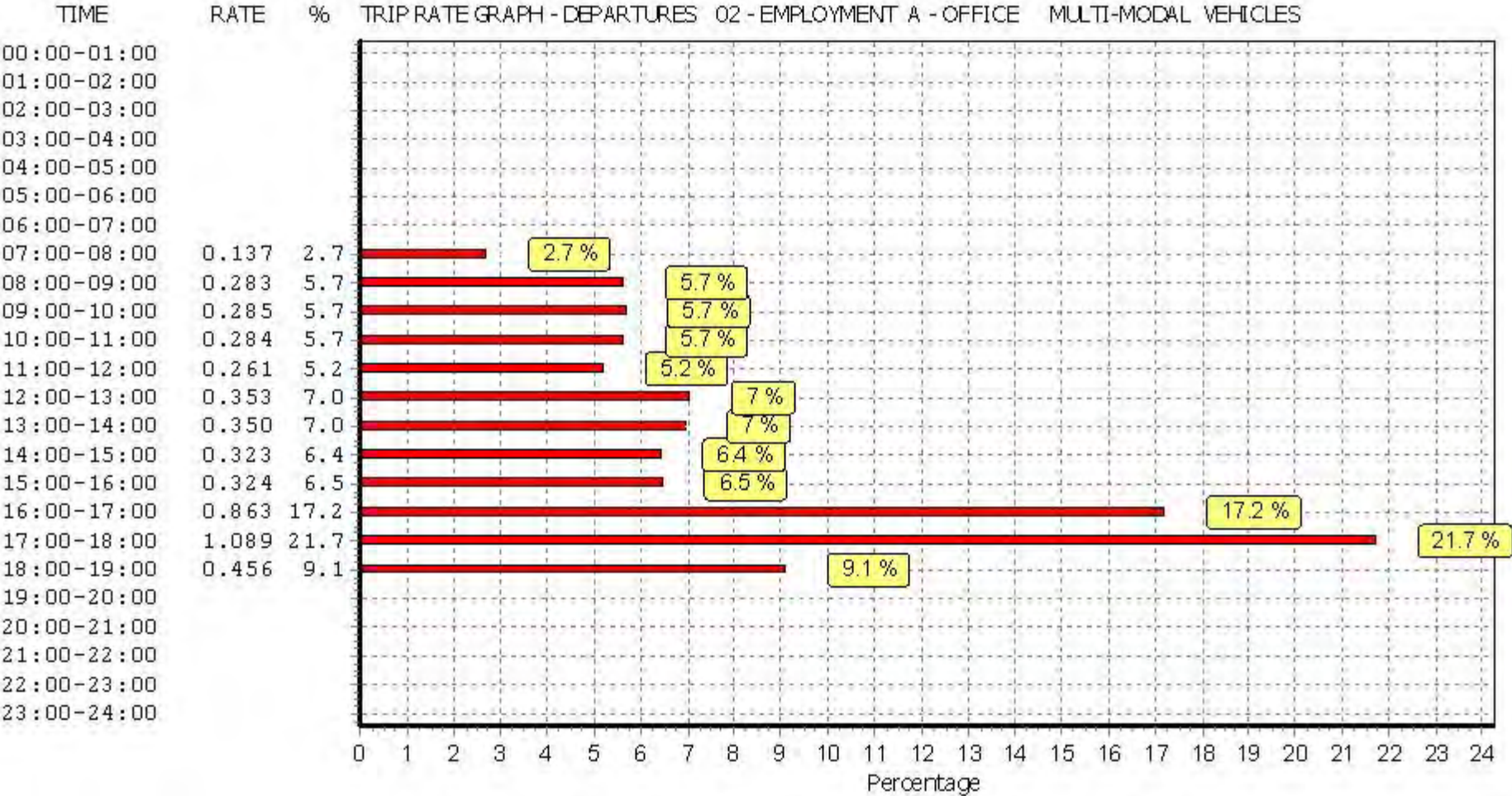
#### Parameter summary

Trip rate parameter range selected:	2225 - 8793 (units: sqm)
Survey date date range:	01/01/10 - 12/09/17
Number of weekdays (Monday-Friday):	17
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	4
Surveys manually removed from selection:	0

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

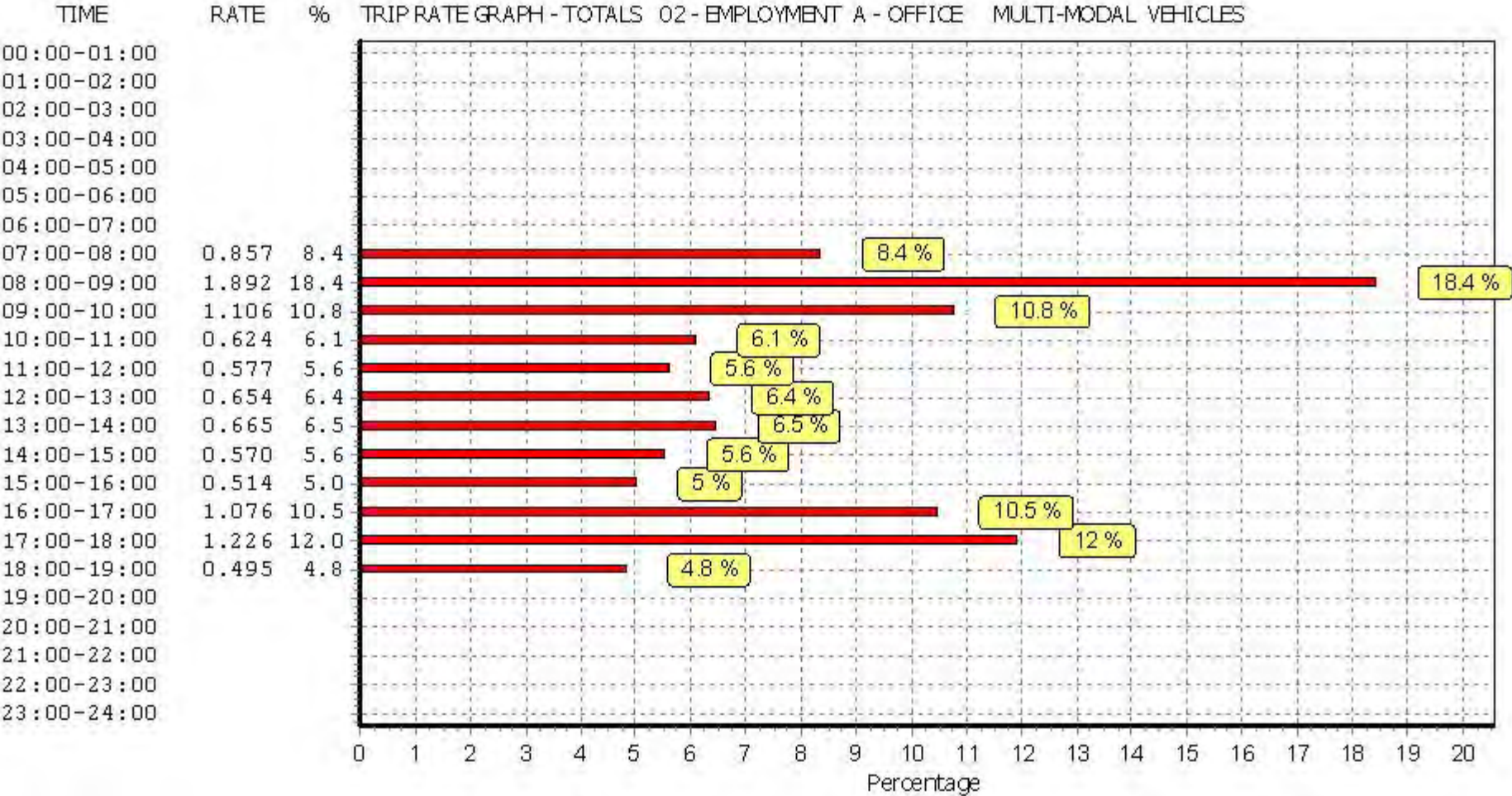


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TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

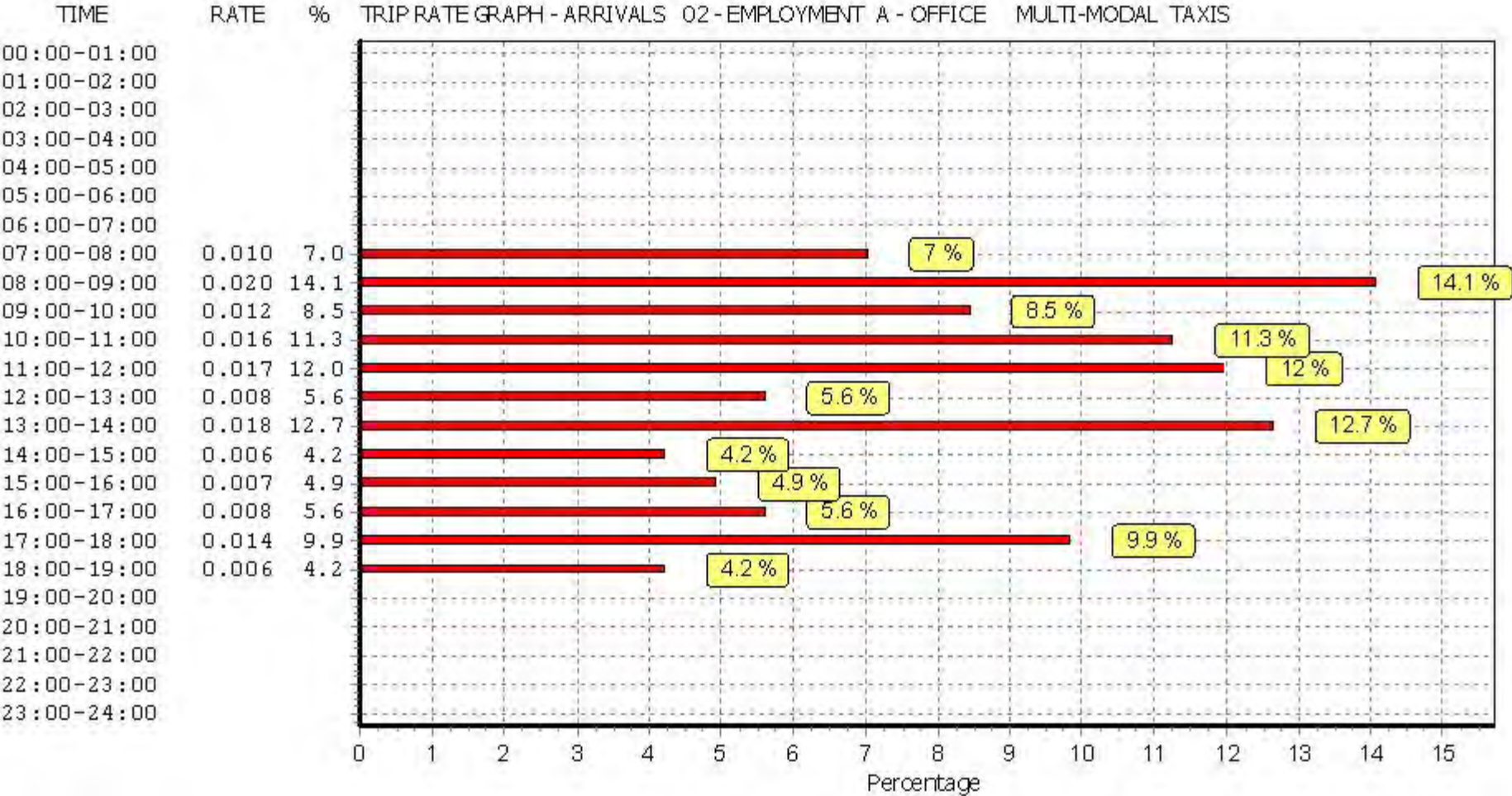
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00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4464	0.003	17	4464	0.003	17	4464	0.006
07:30 - 08:00	17	4464	0.007	17	4464	0.007	17	4464	0.014
08:00 - 08:30	17	4464	0.008	17	4464	0.008	17	4464	0.016
08:30 - 09:00	17	4464	0.012	17	4464	0.011	17	4464	0.023
09:00 - 09:30	17	4464	0.003	17	4464	0.004	17	4464	0.007
09:30 - 10:00	17	4464	0.009	17	4464	0.009	17	4464	0.018
10:00 - 10:30	17	4464	0.008	17	4464	0.008	17	4464	0.016
10:30 - 11:00	17	4464	0.008	17	4464	0.008	17	4464	0.016
11:00 - 11:30	17	4464	0.008	17	4464	0.008	17	4464	0.016
11:30 - 12:00	17	4464	0.009	17	4464	0.009	17	4464	0.018
12:00 - 12:30	17	4464	0.004	17	4464	0.004	17	4464	0.008
12:30 - 13:00	17	4464	0.004	17	4464	0.004	17	4464	0.008
13:00 - 13:30	17	4464	0.011	17	4464	0.011	17	4464	0.022
13:30 - 14:00	17	4464	0.007	17	4464	0.007	17	4464	0.014
14:00 - 14:30	17	4464	0.003	17	4464	0.003	17	4464	0.006
14:30 - 15:00	17	4464	0.003	17	4464	0.003	17	4464	0.006
15:00 - 15:30	17	4464	0.003	17	4464	0.003	17	4464	0.006
15:30 - 16:00	17	4464	0.004	17	4464	0.004	17	4464	0.008
16:00 - 16:30	17	4464	0.007	17	4464	0.005	17	4464	0.012
16:30 - 17:00	17	4464	0.001	17	4464	0.003	17	4464	0.004
17:00 - 17:30	17	4464	0.011	17	4464	0.009	17	4464	0.020
17:30 - 18:00	17	4464	0.003	17	4464	0.003	17	4464	0.006
18:00 - 18:30	17	4464	0.003	17	4464	0.004	17	4464	0.007
18:30 - 19:00	17	4464	0.003	17	4464	0.001	17	4464	0.004
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.142			0.139			0.281

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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.

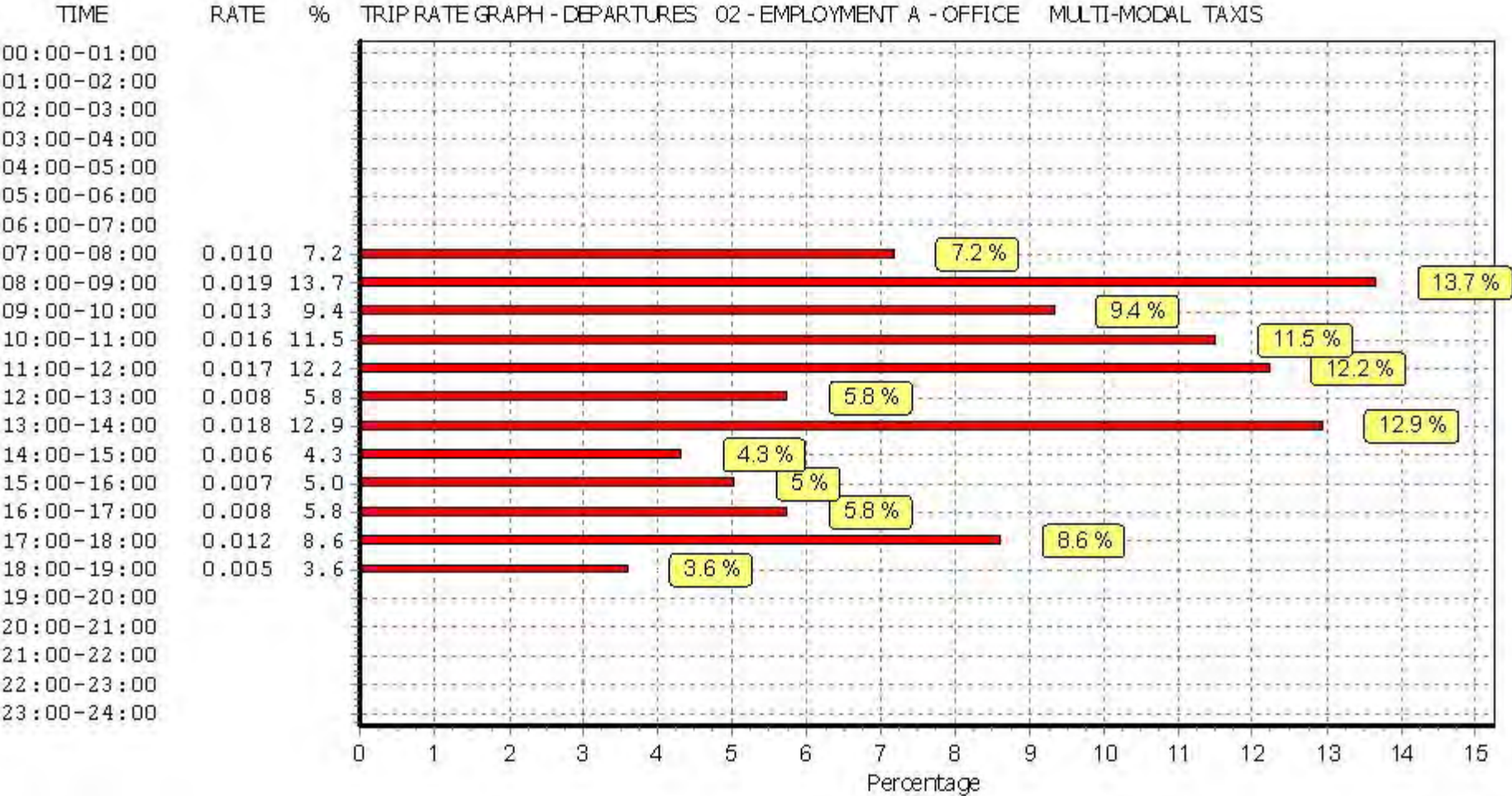




*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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

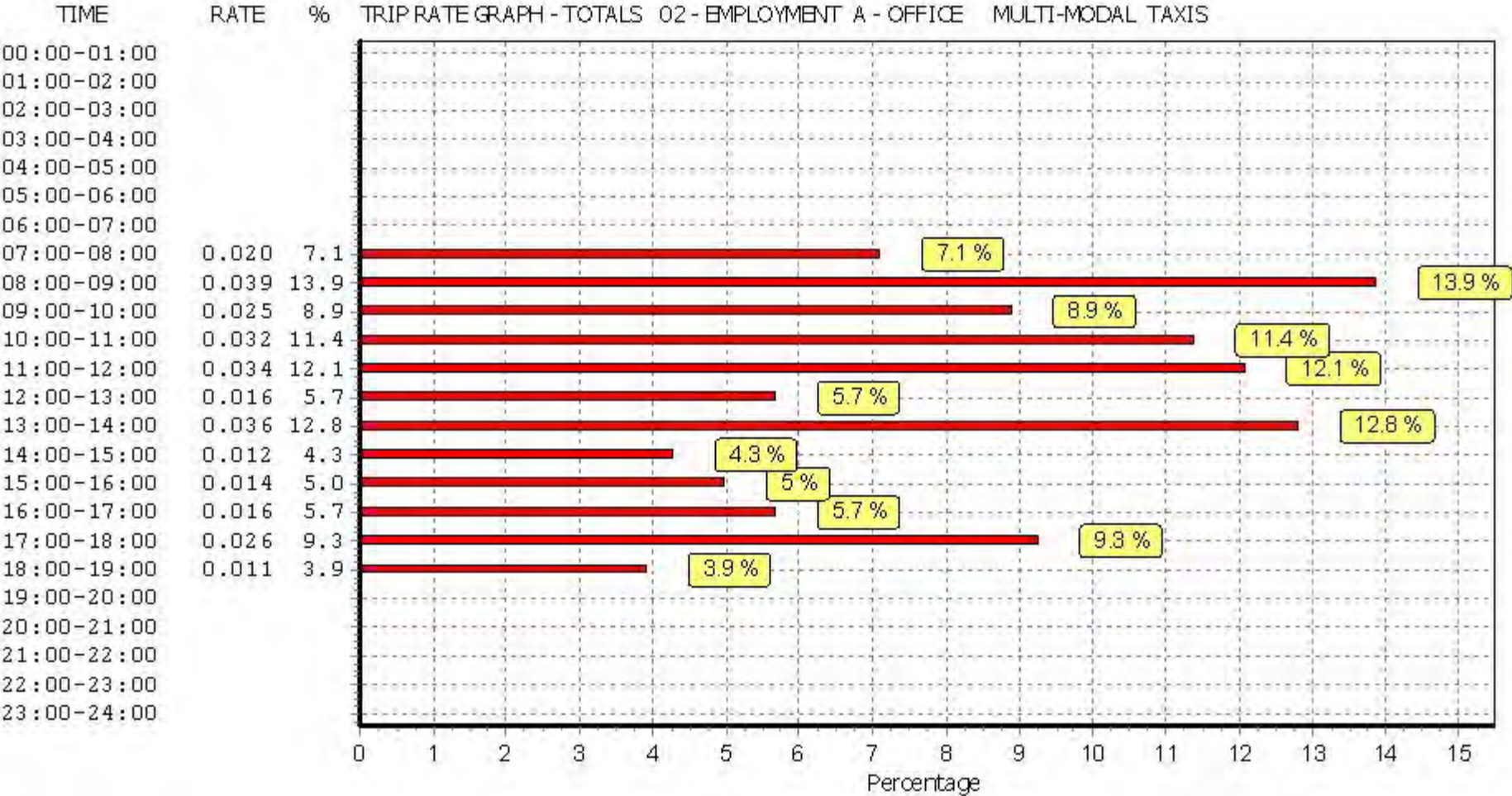
Arup    Rose Wharf    Leeds

Licence No: 701005



*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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Arup Rose Wharf Leeds

Licence No: 701005

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

MULTI-MODAL OGVS

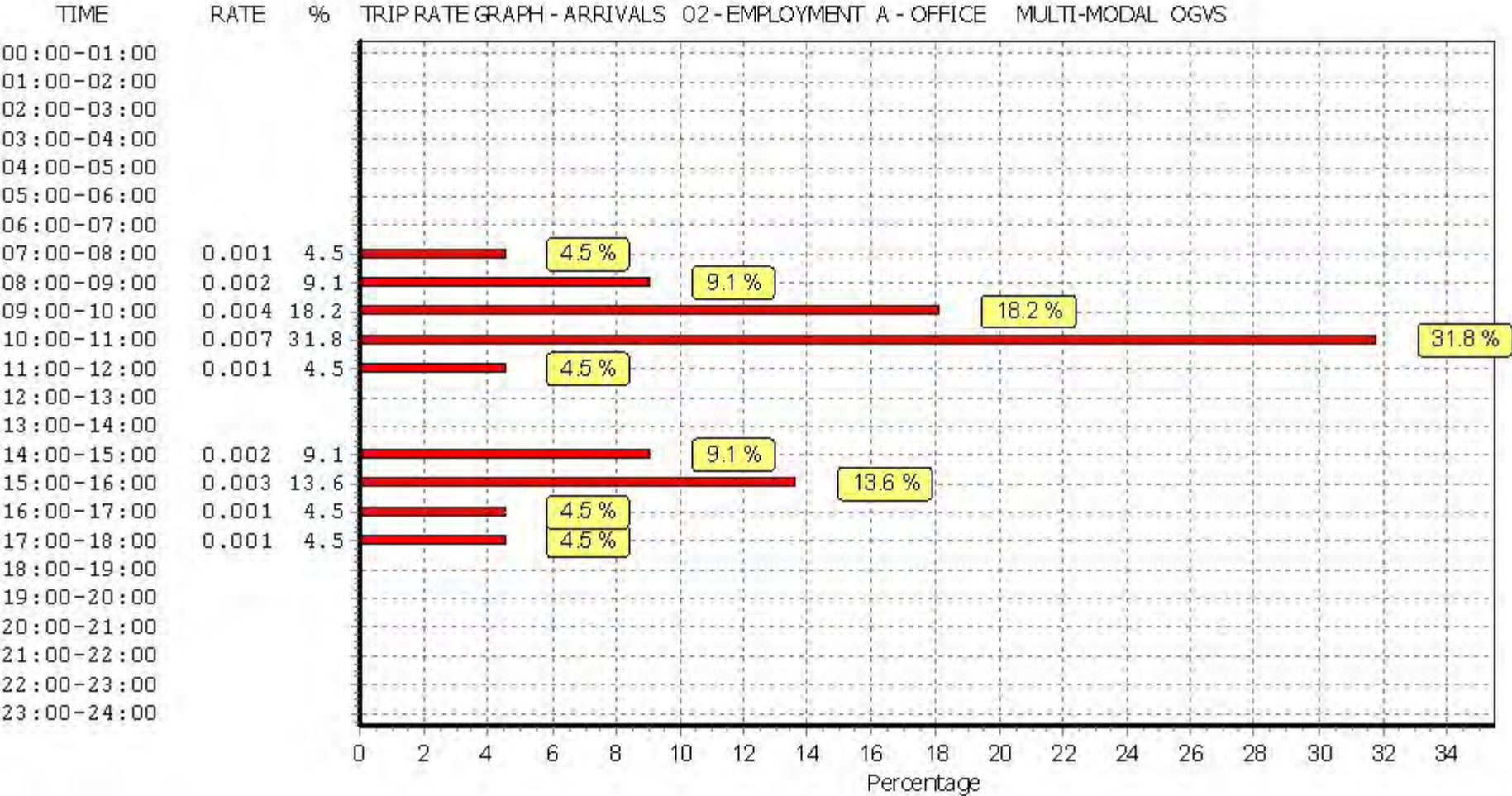
Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4464	0.001	17	4464	0.000	17	4464	0.001
07:30 - 08:00	17	4464	0.000	17	4464	0.001	17	4464	0.001
08:00 - 08:30	17	4464	0.001	17	4464	0.000	17	4464	0.001
08:30 - 09:00	17	4464	0.001	17	4464	0.003	17	4464	0.004
09:00 - 09:30	17	4464	0.001	17	4464	0.001	17	4464	0.002
09:30 - 10:00	17	4464	0.003	17	4464	0.003	17	4464	0.006
10:00 - 10:30	17	4464	0.004	17	4464	0.001	17	4464	0.005
10:30 - 11:00	17	4464	0.003	17	4464	0.005	17	4464	0.008
11:00 - 11:30	17	4464	0.001	17	4464	0.001	17	4464	0.002
11:30 - 12:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
12:00 - 12:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
12:30 - 13:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
13:00 - 13:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
13:30 - 14:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
14:00 - 14:30	17	4464	0.001	17	4464	0.001	17	4464	0.002
14:30 - 15:00	17	4464	0.001	17	4464	0.000	17	4464	0.001
15:00 - 15:30	17	4464	0.000	17	4464	0.001	17	4464	0.001
15:30 - 16:00	17	4464	0.003	17	4464	0.000	17	4464	0.003
16:00 - 16:30	17	4464	0.000	17	4464	0.001	17	4464	0.001
16:30 - 17:00	17	4464	0.001	17	4464	0.001	17	4464	0.002
17:00 - 17:30	17	4464	0.001	17	4464	0.001	17	4464	0.002
17:30 - 18:00	17	4464	0.000	17	4464	0.001	17	4464	0.001
18:00 - 18:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
18:30 - 19:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.022			0.021			0.043

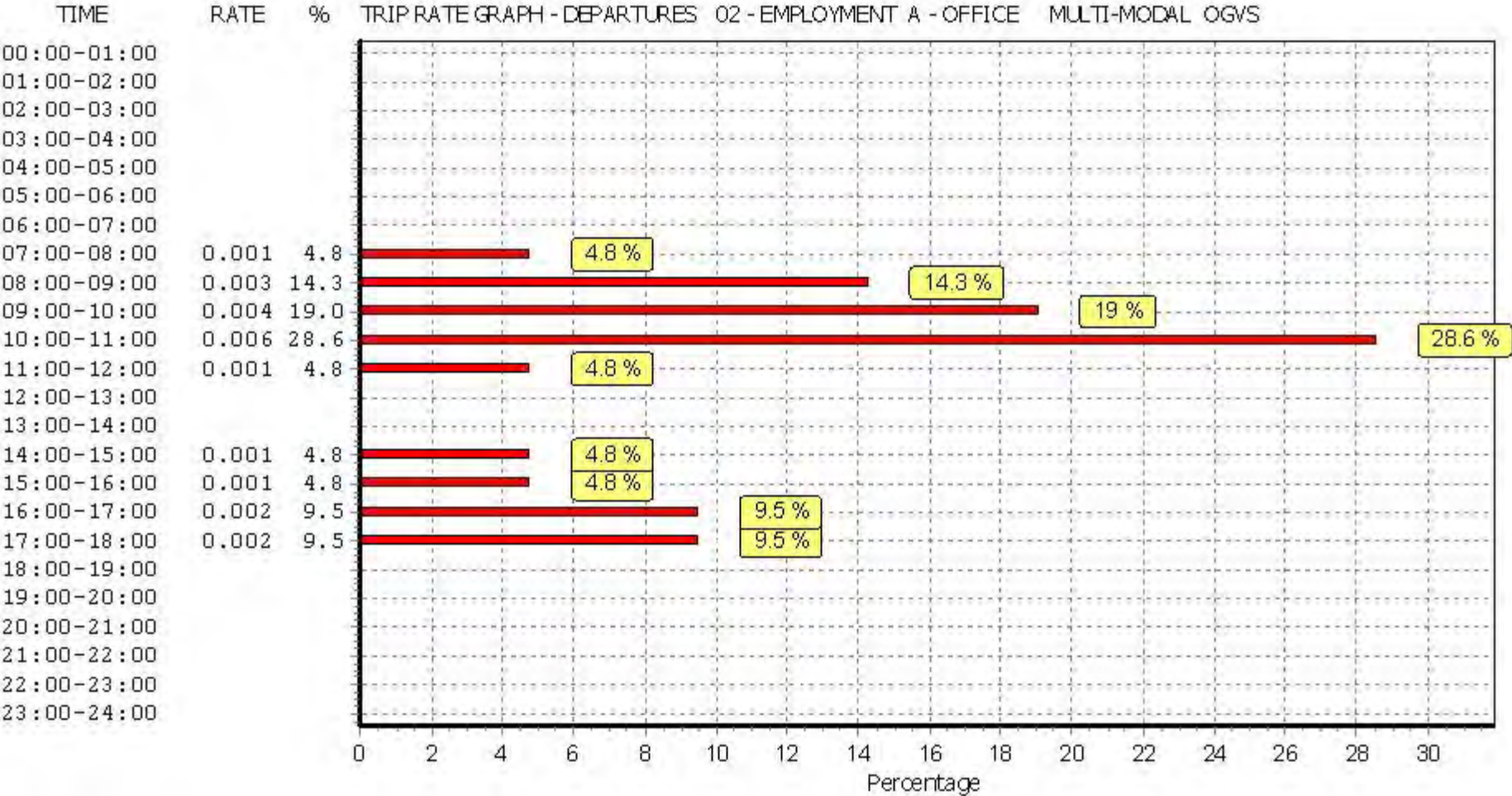
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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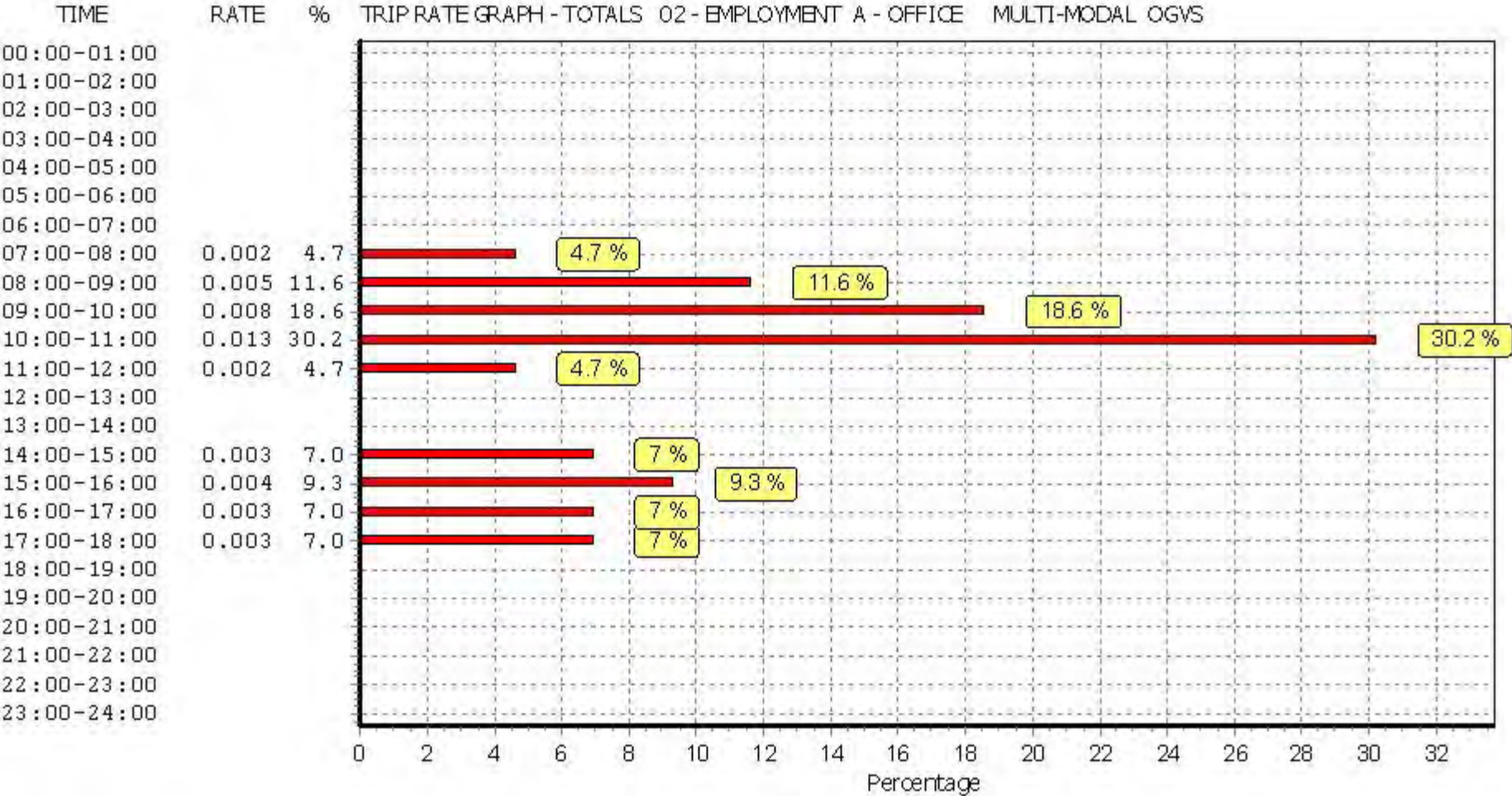


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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





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

MULTI-MODAL PSVS

Calculation factor: 100 sqm

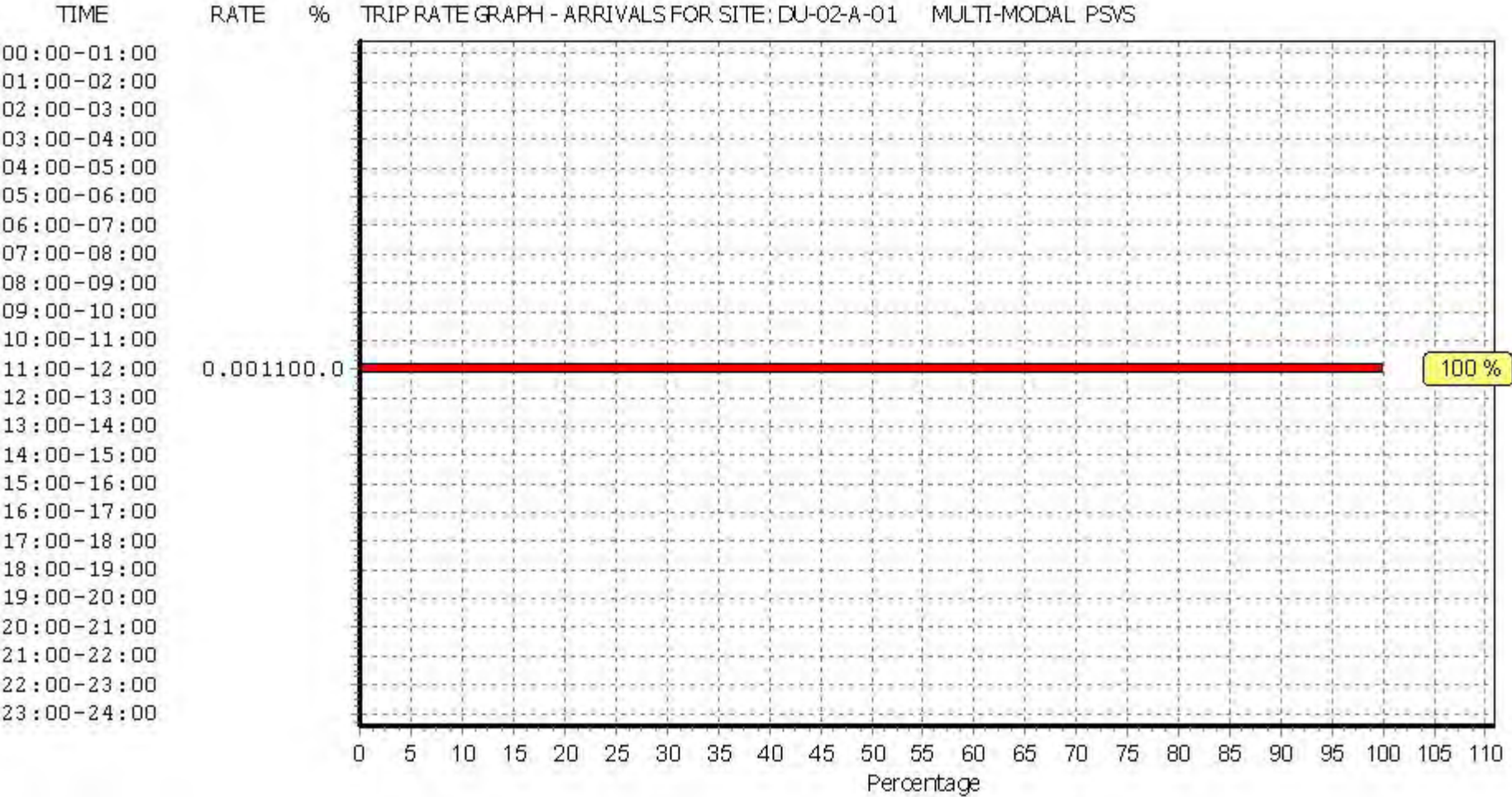
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
07:30 - 08:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
08:00 - 08:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
08:30 - 09:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
09:00 - 09:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
09:30 - 10:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
10:00 - 10:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
10:30 - 11:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
11:00 - 11:30	17	4464	0.001	17	4464	0.001	17	4464	0.002
11:30 - 12:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
12:00 - 12:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
12:30 - 13:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
13:00 - 13:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
13:30 - 14:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
14:00 - 14:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
14:30 - 15:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
15:00 - 15:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
15:30 - 16:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
16:00 - 16:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
16:30 - 17:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
17:00 - 17:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
17:30 - 18:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
18:00 - 18:30	17	4464	0.000	17	4464	0.000	17	4464	0.000
18:30 - 19:00	17	4464	0.000	17	4464	0.000	17	4464	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.001			0.001			0.002

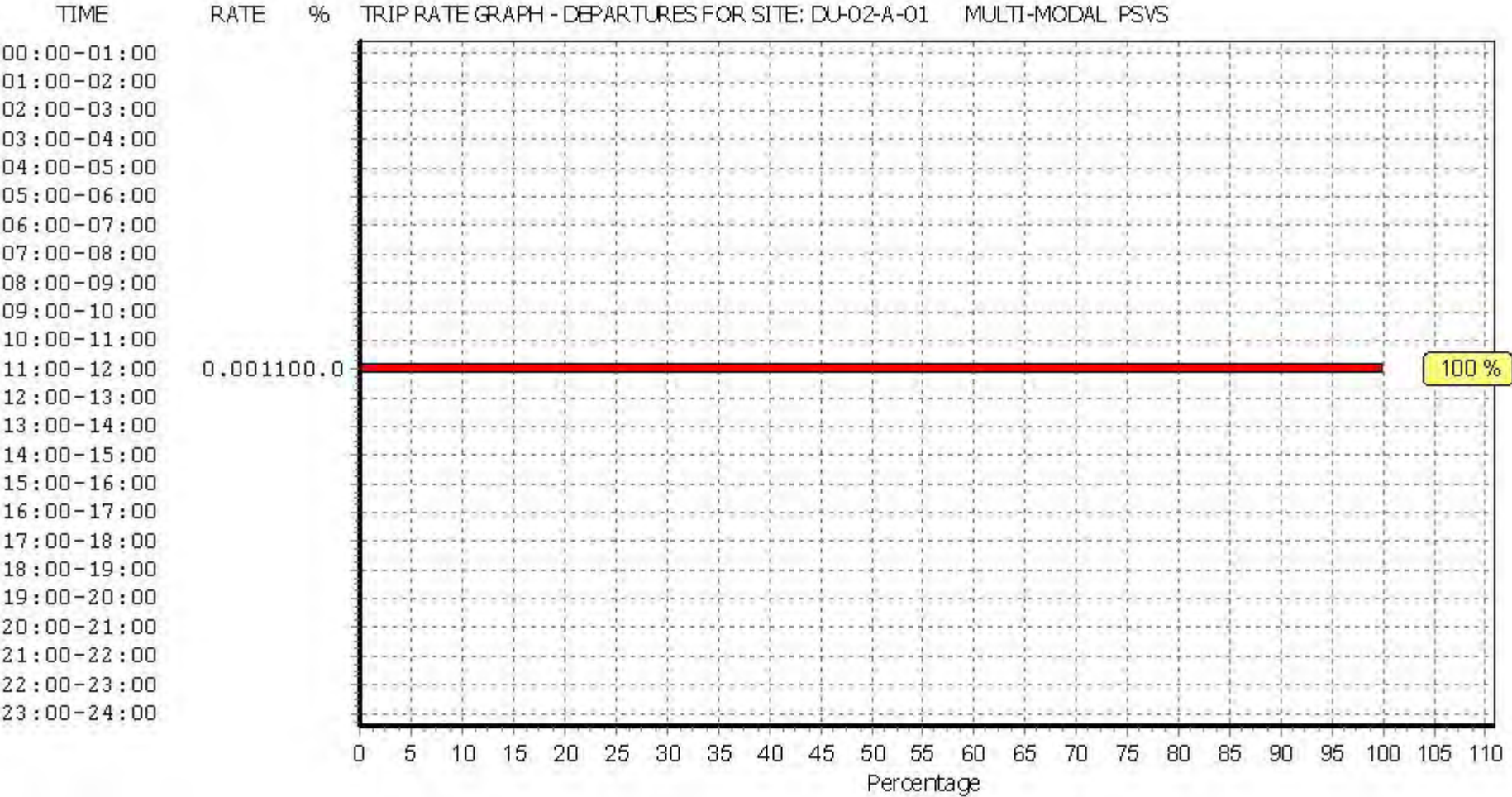
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

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



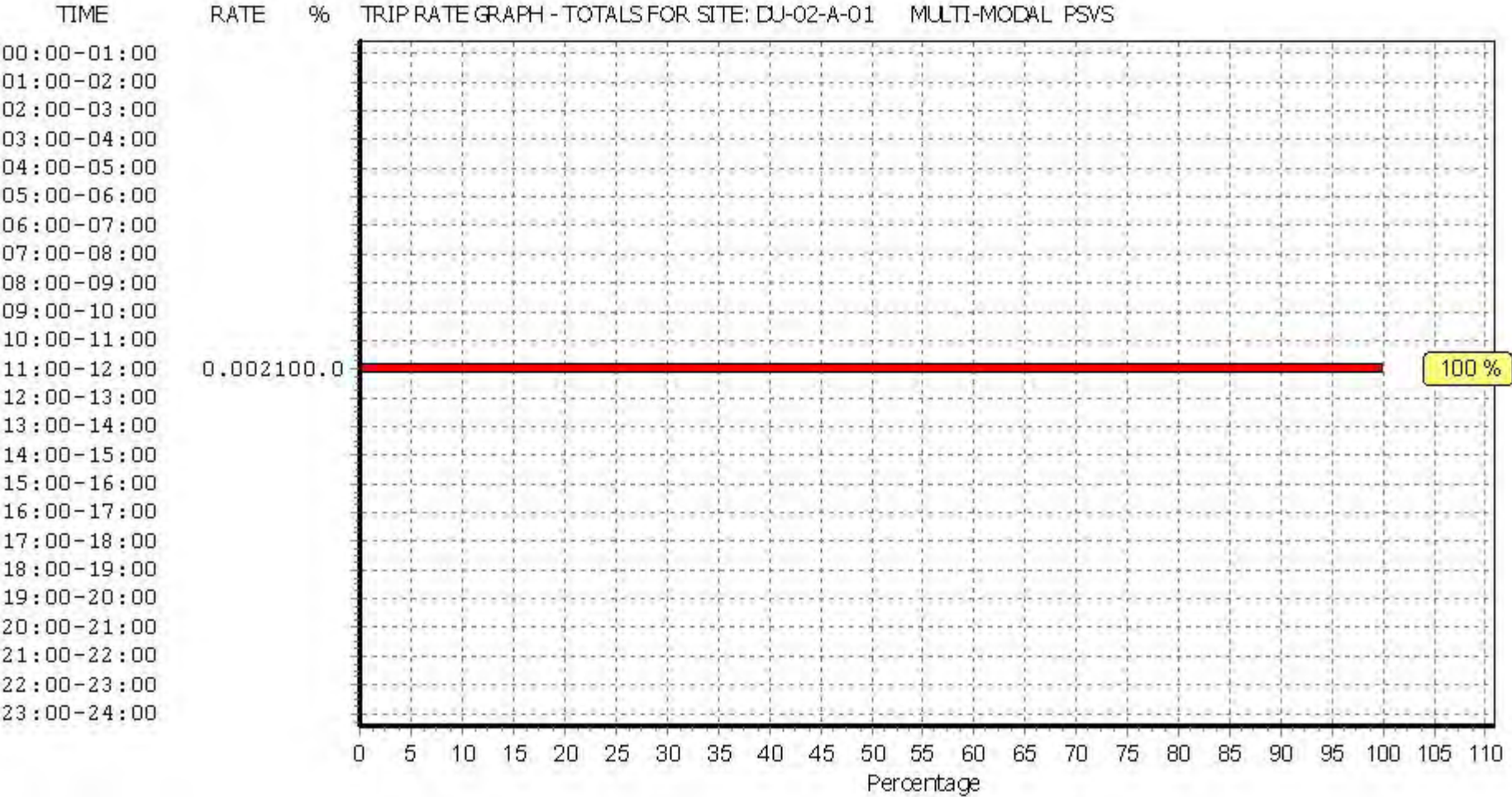


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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

MULTI-MODAL CYCLISTS

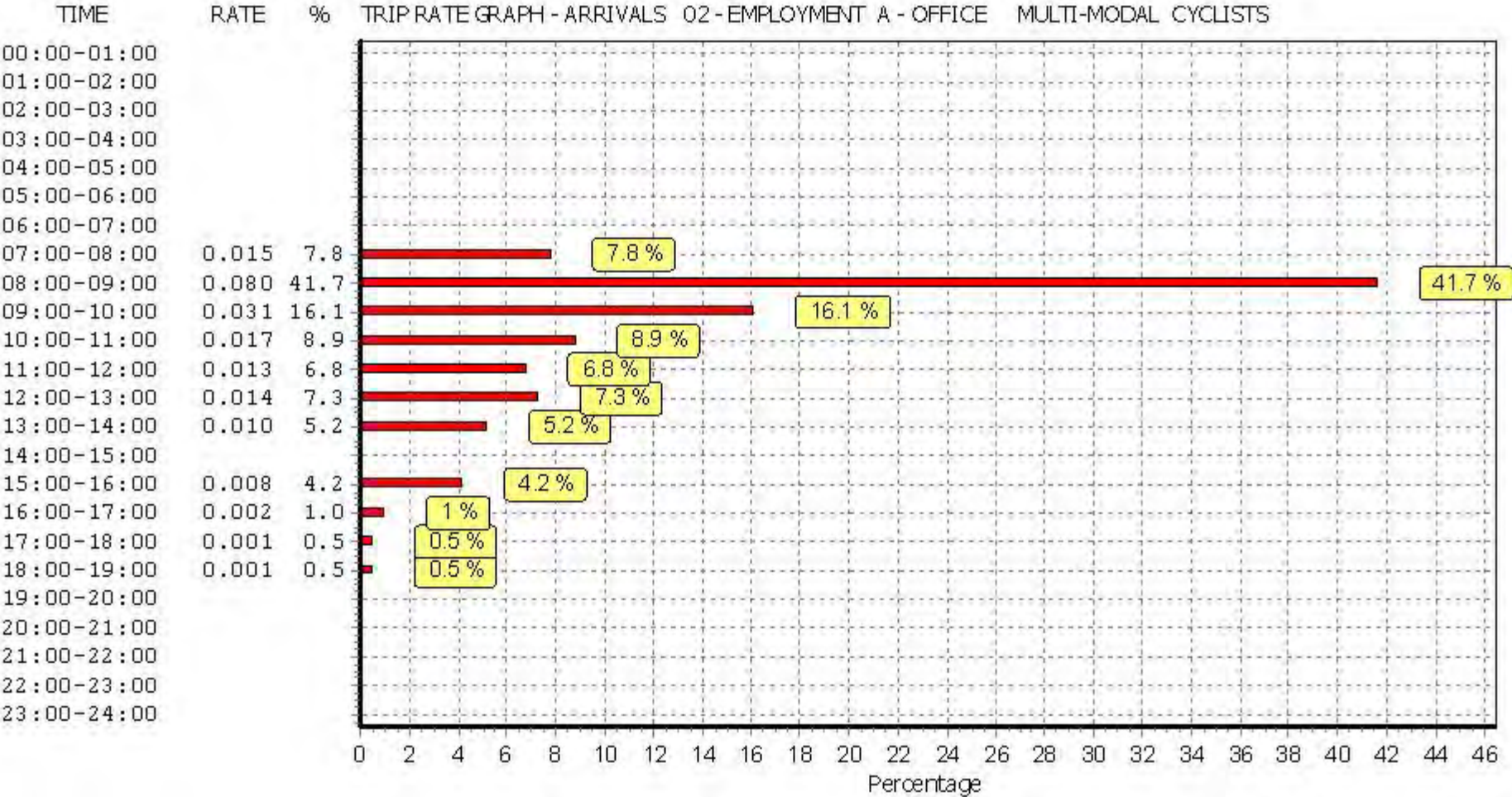
Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4464	0.001	17	4464	0.000	17	4464	0.001
07:30 - 08:00	17	4464	0.014	17	4464	0.003	17	4464	0.017
08:00 - 08:30	17	4464	0.025	17	4464	0.000	17	4464	0.025
08:30 - 09:00	17	4464	0.055	17	4464	0.001	17	4464	0.056
09:00 - 09:30	17	4464	0.024	17	4464	0.001	17	4464	0.025
09:30 - 10:00	17	4464	0.007	17	4464	0.000	17	4464	0.007
10:00 - 10:30	17	4464	0.012	17	4464	0.003	17	4464	0.015
10:30 - 11:00	17	4464	0.005	17	4464	0.007	17	4464	0.012
11:00 - 11:30	17	4464	0.004	17	4464	0.008	17	4464	0.012
11:30 - 12:00	17	4464	0.009	17	4464	0.005	17	4464	0.014
12:00 - 12:30	17	4464	0.007	17	4464	0.008	17	4464	0.015
12:30 - 13:00	17	4464	0.007	17	4464	0.007	17	4464	0.014
13:00 - 13:30	17	4464	0.009	17	4464	0.004	17	4464	0.013
13:30 - 14:00	17	4464	0.001	17	4464	0.005	17	4464	0.006
14:00 - 14:30	17	4464	0.000	17	4464	0.003	17	4464	0.003
14:30 - 15:00	17	4464	0.000	17	4464	0.004	17	4464	0.004
15:00 - 15:30	17	4464	0.005	17	4464	0.003	17	4464	0.008
15:30 - 16:00	17	4464	0.003	17	4464	0.008	17	4464	0.011
16:00 - 16:30	17	4464	0.001	17	4464	0.013	17	4464	0.014
16:30 - 17:00	17	4464	0.001	17	4464	0.011	17	4464	0.012
17:00 - 17:30	17	4464	0.000	17	4464	0.034	17	4464	0.034
17:30 - 18:00	17	4464	0.001	17	4464	0.041	17	4464	0.042
18:00 - 18:30	17	4464	0.001	17	4464	0.021	17	4464	0.022
18:30 - 19:00	17	4464	0.000	17	4464	0.003	17	4464	0.003
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.192			0.193			0.385

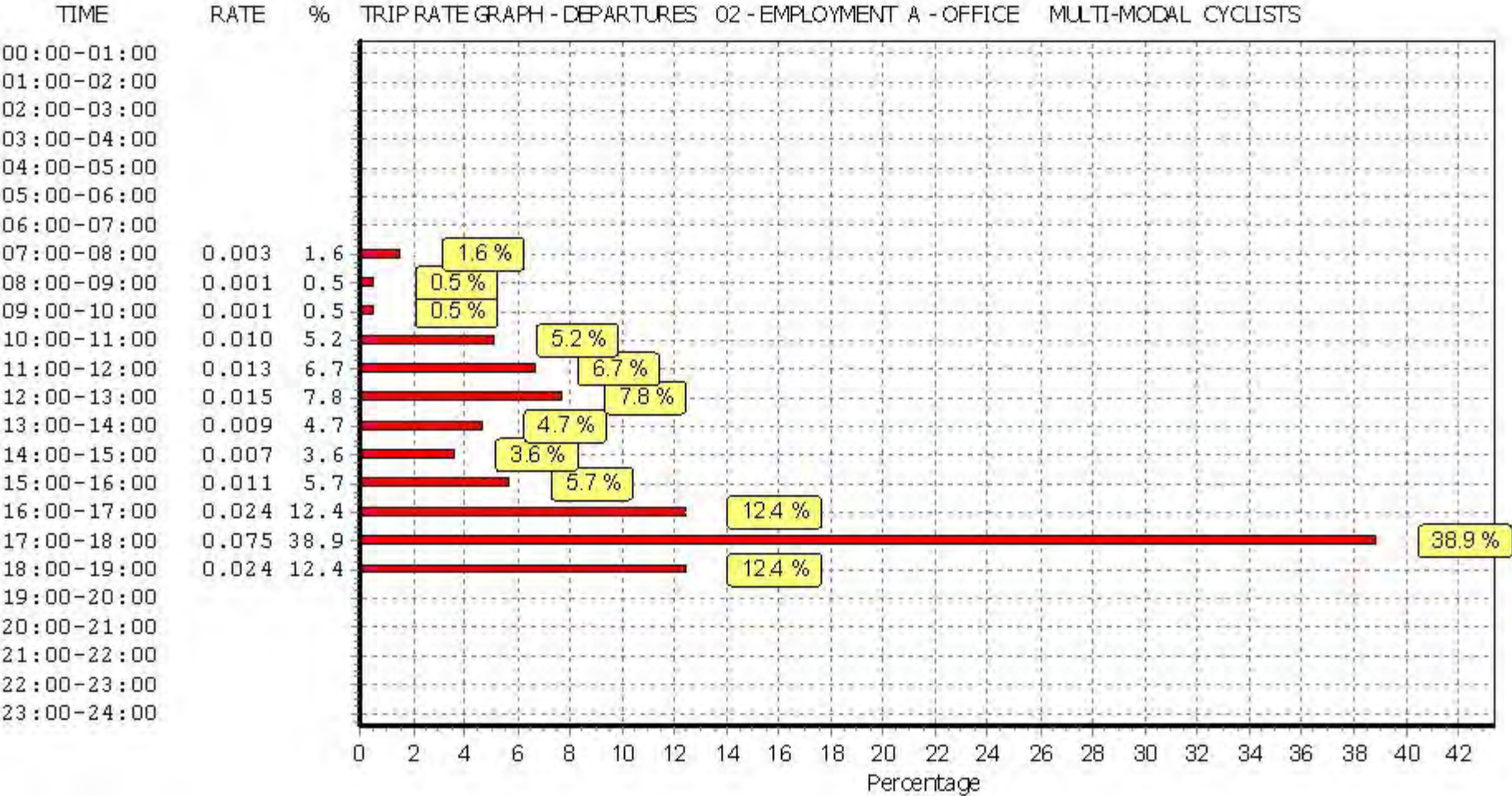
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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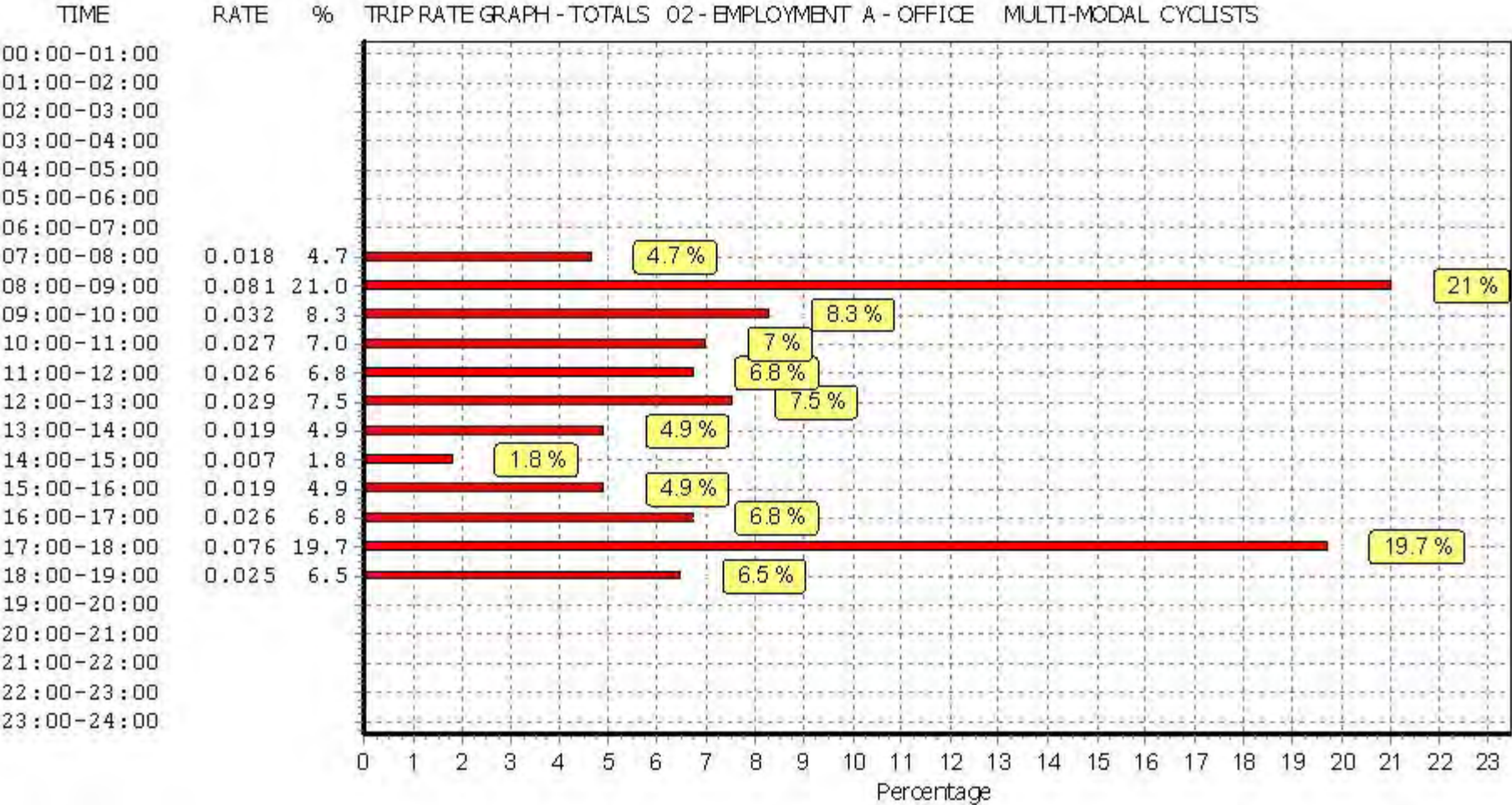


*This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified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



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

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	17	4464	0.169	17	4464	0.016	17	4464	0.185
07:30 - 08:00	17	4464	0.632	17	4464	0.043	17	4464	0.675
08:00 - 08:30	17	4464	0.845	17	4464	0.066	17	4464	0.911
08:30 - 09:00	17	4464	0.938	17	4464	0.091	17	4464	1.029
09:00 - 09:30	17	4464	0.578	17	4464	0.117	17	4464	0.695
09:30 - 10:00	17	4464	0.361	17	4464	0.150	17	4464	0.511
10:00 - 10:30	17	4464	0.202	17	4464	0.152	17	4464	0.354
10:30 - 11:00	17	4464	0.184	17	4464	0.149	17	4464	0.333
11:00 - 11:30	17	4464	0.154	17	4464	0.148	17	4464	0.302
11:30 - 12:00	17	4464	0.206	17	4464	0.130	17	4464	0.336
12:00 - 12:30	17	4464	0.152	17	4464	0.213	17	4464	0.365
12:30 - 13:00	17	4464	0.184	17	4464	0.181	17	4464	0.365
13:00 - 13:30	17	4464	0.166	17	4464	0.192	17	4464	0.358
13:30 - 14:00	17	4464	0.206	17	4464	0.206	17	4464	0.412
14:00 - 14:30	17	4464	0.177	17	4464	0.169	17	4464	0.346
14:30 - 15:00	17	4464	0.111	17	4464	0.217	17	4464	0.328
15:00 - 15:30	17	4464	0.105	17	4464	0.157	17	4464	0.262
15:30 - 16:00	17	4464	0.105	17	4464	0.233	17	4464	0.338
16:00 - 16:30	17	4464	0.125	17	4464	0.481	17	4464	0.606
16:30 - 17:00	17	4464	0.088	17	4464	0.543	17	4464	0.631
17:00 - 17:30	17	4464	0.075	17	4464	0.878	17	4464	0.953
17:30 - 18:00	17	4464	0.028	17	4464	0.424	17	4464	0.452
18:00 - 18:30	17	4464	0.014	17	4464	0.412	17	4464	0.426
18:30 - 19:00	17	4464	0.009	17	4464	0.140	17	4464	0.149
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:		5.814			5.508			11.322	

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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