

FM STREET NAME TOWN/CITY

Licence No: 204604

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

03	SOUTH WEST	
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	2 days
	WO WORCESTERSHIRE	1 days
10	WALES	
	CF CARDIFF	2 days
11	SCOTLAND	
	EB CITY OF EDINBURGH	1 days
	FA FALKIRK	1 days

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

Filtering Stage 2 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: 2321 to 17197 (units: sqm)
 Range Selected by User: 2000 to 20000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/05 to 31/05/13

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	2 days
Thursday	2 days
Friday	2 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:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	3
Edge of Town	8

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

Selected Location Sub Categories:

Industrial Zone	5
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This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

Not Known	1 days
B1	11 days

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

Population within 1 mile:

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

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

Population within 5 miles:

50,001 to 75,000	1 days
75,001 to 100,000	2 days
100,001 to 125,000	2 days
125,001 to 250,000	4 days
250,001 to 500,000	2 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	9 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	12 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

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LIST OF SITES relevant to selection parameters

1	CF-02-B-01 FORTRAN ROAD ST MELLONS CARDIFF Edge of Town Industrial Zone Total Gross floor area: Survey date: WEDNESDAY	BUSINESS PARK 12000 sqm 18/10/06	CARDIFF Survey Type: MANUAL
2	CF-02-B-02 CRICKHOWELL ROAD ST MELLONS CARDIFF Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: Survey date: FRIDAY	BUSINESS/TECH. UNITS 2587 sqm 20/10/06	CARDIFF Survey Type: MANUAL
3	EB-02-B-03 LOGIE GREEN ROAD EDINBURGH Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: Survey date: TUESDAY	BUSINESS PARK 6675 sqm 01/05/07	CITY OF EDINBURGH Survey Type: MANUAL
4	FA-02-B-02 CALLENDAR BOULEVARD CALLENDAR PARK FALKIRK Edge of Town Commercial Zone Total Gross floor area: Survey date: FRIDAY	BUSINESS PARK 16000 sqm 31/05/13	FALKIRK Survey Type: MANUAL
5	LN-02-B-01 BISHOPS ROAD LINCOLN Edge of Town Industrial Zone Total Gross floor area: Survey date: TUESDAY	BUSINESS PARK 4460 sqm 17/05/05	LINCOLNSHIRE Survey Type: MANUAL
6	NF-02-B-02 WHITING ROAD LONG JOHN'S HILL NORWICH Edge of Town Retail Zone Total Gross floor area: Survey date: THURSDAY	BUSINESS PARK 7400 sqm 17/05/07	NORFOLK Survey Type: MANUAL
7	NT-02-B-01 PARK LANE NOTTINGHAM Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: Survey date: THURSDAY	BUSINESS PARK 2321 sqm 17/05/07	NOTTINGHAMSHIRE Survey Type: MANUAL

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LIST OF SITES relevant to selection parameters (Cont.)

8	SF-02-B-01 KEMPSON WAY	BUSINESS PK		SUFFOLK
	BURY ST EDMUNDS Edge of Town Industrial Zone			
	Total Gross floor area:		2480 sqm	
	Survey date: WEDNESDAY		10/05/06	Survey Type: MANUAL
9	SH-02-B-01 WELSHPOOL ROAD	BUSINESS PARK		SHROPSHIRE
	SHREWSBURY Edge of Town Commercial Zone			
	Total Gross floor area:		17197 sqm	
	Survey date: TUESDAY		14/06/05	Survey Type: MANUAL
10	SH-02-B-02 STAFFORD COURT	BUSINESS PARK		SHROPSHIRE
	TELFORD Edge of Town Centre Commercial Zone			
	Total Gross floor area:		9500 sqm	
	Survey date: MONDAY		22/06/09	Survey Type: MANUAL
11	WL-02-B-01 HIGH STREET COPED HALL WOOTTON BASSETT	BUSINESS PK		WILTSHIRE
	Edge of Town Residential Zone			
	Total Gross floor area:		2600 sqm	
	Survey date: MONDAY		02/10/06	Survey Type: MANUAL
12	WO-02-B-01 BURNT MEADOW ROAD MOORS MOAT NTH IND. EST REDDITCH	BUSINESS PARK		WORCESTERSHIRE
	Edge of Town Industrial Zone			
	Total Gross floor area:		3525 sqm	
	Survey date: TUESDAY		02/05/06	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 02 - EMPLOYMENT/B - BUSINESS PARK

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	12	7229	0.228	12	7229	0.059	12	7229	0.287
07:30 - 08:00	12	7229	0.473	12	7229	0.063	12	7229	0.536
08:00 - 08:30	12	7229	0.791	12	7229	0.167	12	7229	0.958
08:30 - 09:00	12	7229	1.177	12	7229	0.175	12	7229	1.352
09:00 - 09:30	12	7229	0.732	12	7229	0.220	12	7229	0.952
09:30 - 10:00	12	7229	0.304	12	7229	0.180	12	7229	0.484
10:00 - 10:30	12	7229	0.252	12	7229	0.209	12	7229	0.461
10:30 - 11:00	12	7229	0.191	12	7229	0.178	12	7229	0.369
11:00 - 11:30	12	7229	0.189	12	7229	0.216	12	7229	0.405
11:30 - 12:00	12	7229	0.150	12	7229	0.225	12	7229	0.375
12:00 - 12:30	12	7229	0.229	12	7229	0.474	12	7229	0.703
12:30 - 13:00	12	7229	0.285	12	7229	0.369	12	7229	0.654
13:00 - 13:30	12	7229	0.412	12	7229	0.370	12	7229	0.782
13:30 - 14:00	12	7229	0.371	12	7229	0.226	12	7229	0.597
14:00 - 14:30	12	7229	0.256	12	7229	0.243	12	7229	0.499
14:30 - 15:00	12	7229	0.203	12	7229	0.224	12	7229	0.427
15:00 - 15:30	12	7229	0.184	12	7229	0.322	12	7229	0.506
15:30 - 16:00	12	7229	0.212	12	7229	0.346	12	7229	0.558
16:00 - 16:30	12	7229	0.180	12	7229	0.523	12	7229	0.703
16:30 - 17:00	12	7229	0.160	12	7229	0.599	12	7229	0.759
17:00 - 17:30	12	7229	0.158	12	7229	0.848	12	7229	1.006
17:30 - 18:00	12	7229	0.093	12	7229	0.695	12	7229	0.788
18:00 - 18:30	12	7229	0.069	12	7229	0.286	12	7229	0.355
18:30 - 19:00	12	7229	0.036	12	7229	0.121	12	7229	0.157
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:			7.335			7.338			14.673

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.

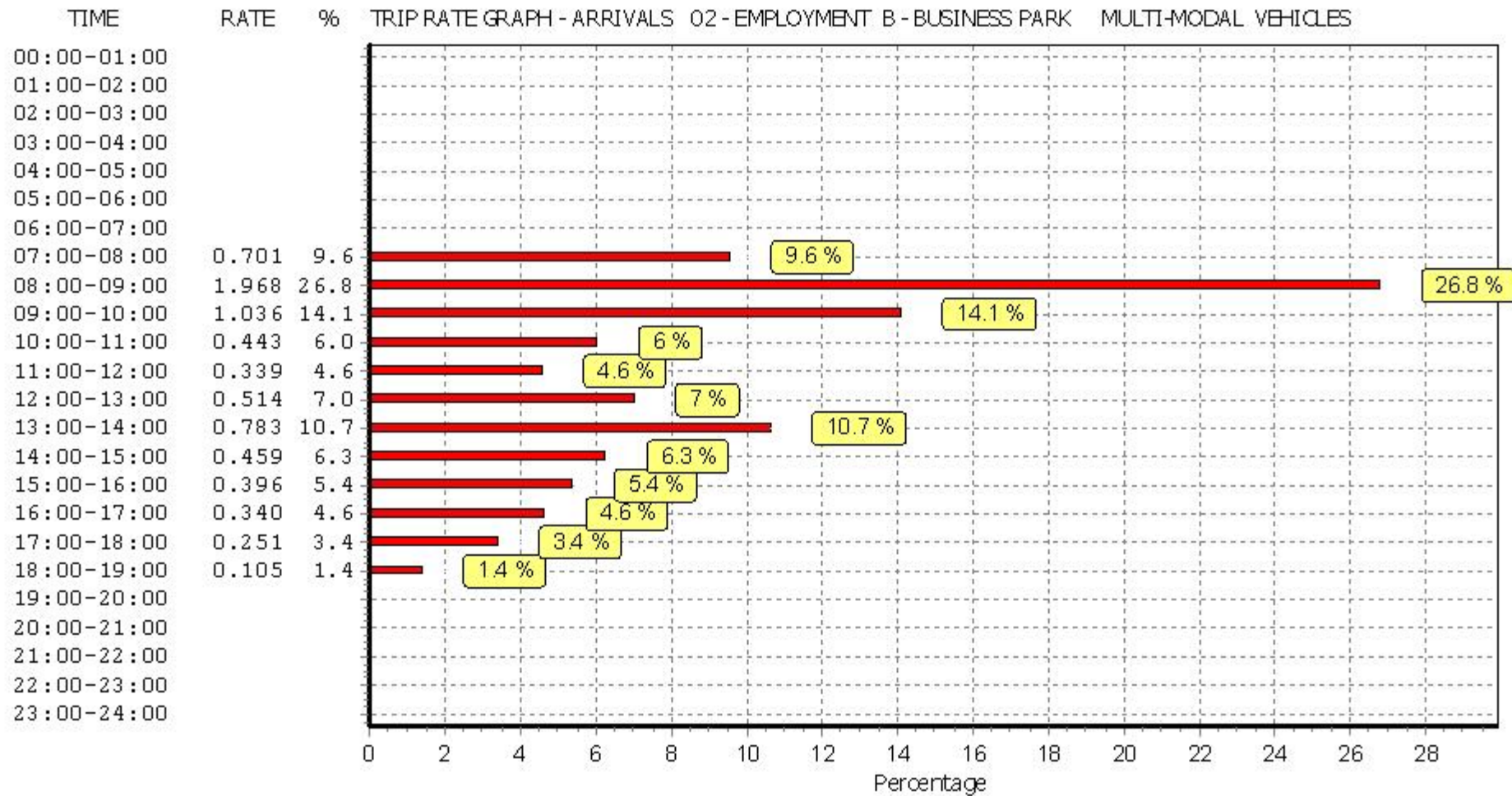
Parameter summary

Trip rate parameter range selected:	2321 - 17197 (units: sqm)
Survey date date range:	01/01/05 - 31/05/13
Number of weekdays (Monday-Friday):	12
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

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

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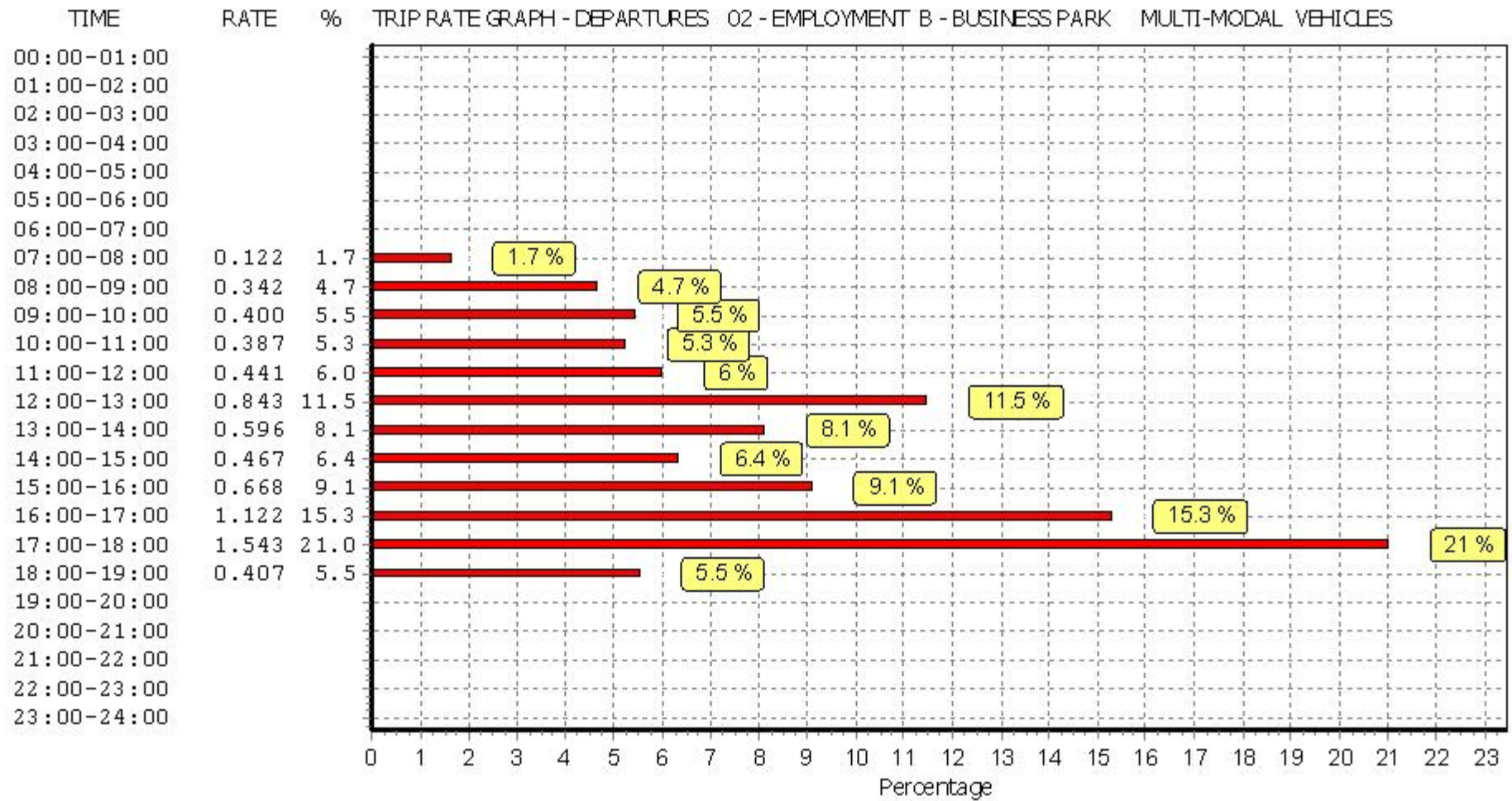
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This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, 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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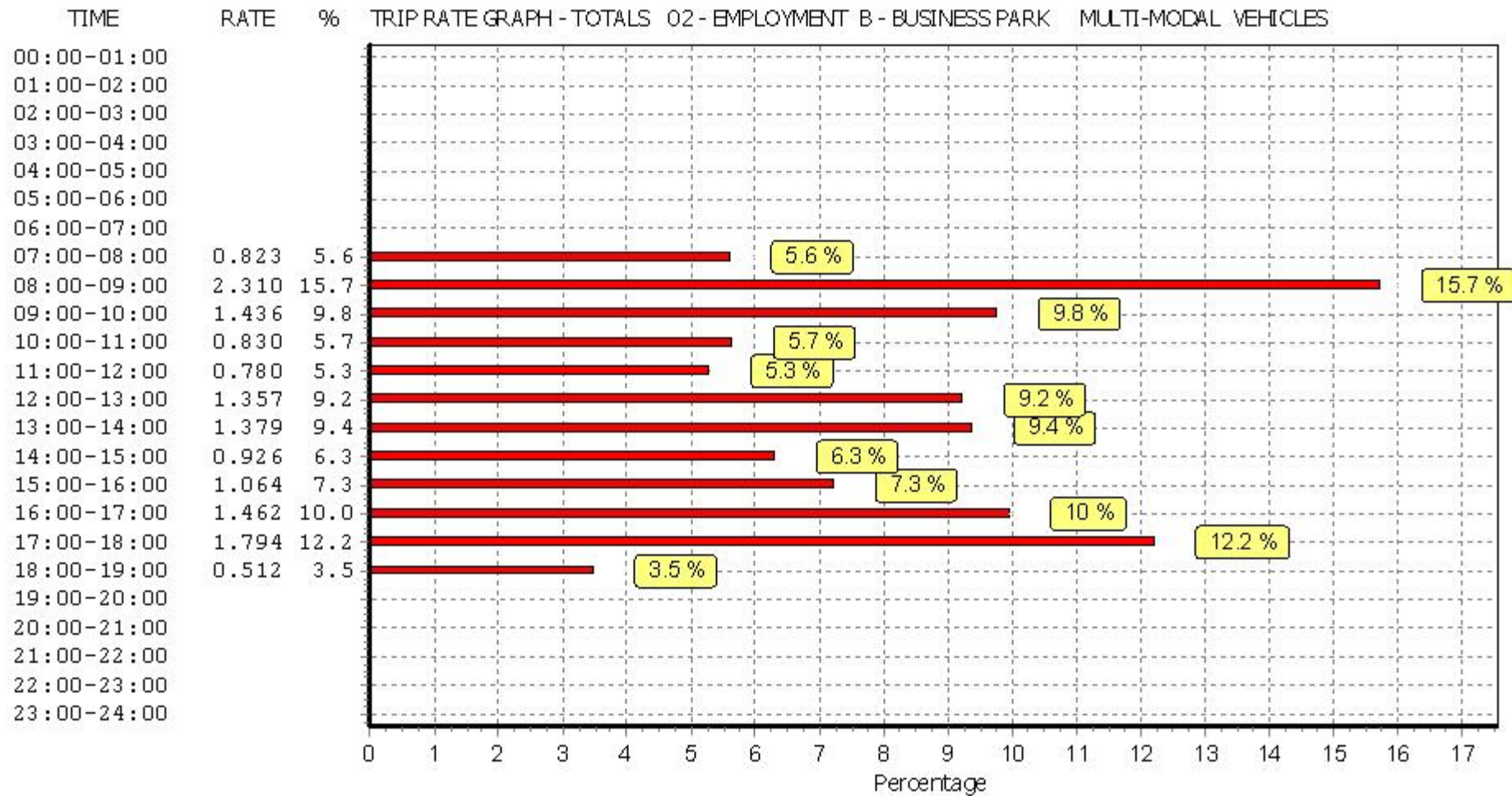
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TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL TOTAL PEOPLE

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	12	7229	0.270	12	7229	0.088	12	7229	0.358
07:30 - 08:00	12	7229	0.581	12	7229	0.075	12	7229	0.656
08:00 - 08:30	12	7229	1.058	12	7229	0.194	12	7229	1.252
08:30 - 09:00	12	7229	1.562	12	7229	0.217	12	7229	1.779
09:00 - 09:30	12	7229	0.957	12	7229	0.265	12	7229	1.222
09:30 - 10:00	12	7229	0.413	12	7229	0.220	12	7229	0.633
10:00 - 10:30	12	7229	0.318	12	7229	0.256	12	7229	0.574
10:30 - 11:00	12	7229	0.242	12	7229	0.206	12	7229	0.448
11:00 - 11:30	12	7229	0.234	12	7229	0.261	12	7229	0.495
11:30 - 12:00	12	7229	0.203	12	7229	0.299	12	7229	0.502
12:00 - 12:30	12	7229	0.369	12	7229	0.741	12	7229	1.110
12:30 - 13:00	12	7229	0.489	12	7229	0.672	12	7229	1.161
13:00 - 13:30	12	7229	0.670	12	7229	0.589	12	7229	1.259
13:30 - 14:00	12	7229	0.572	12	7229	0.349	12	7229	0.921
14:00 - 14:30	12	7229	0.395	12	7229	0.325	12	7229	0.720
14:30 - 15:00	12	7229	0.262	12	7229	0.288	12	7229	0.550
15:00 - 15:30	12	7229	0.227	12	7229	0.424	12	7229	0.651
15:30 - 16:00	12	7229	0.249	12	7229	0.471	12	7229	0.720
16:00 - 16:30	12	7229	0.211	12	7229	0.648	12	7229	0.859
16:30 - 17:00	12	7229	0.211	12	7229	0.739	12	7229	0.950
17:00 - 17:30	12	7229	0.201	12	7229	1.146	12	7229	1.347
17:30 - 18:00	12	7229	0.126	12	7229	0.922	12	7229	1.048
18:00 - 18:30	12	7229	0.091	12	7229	0.388	12	7229	0.479
18:30 - 19:00	12	7229	0.048	12	7229	0.153	12	7229	0.201
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									
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23:00 - 23:30									
23:30 - 24:00									
Total Rates:			9.959			9.936			19.895

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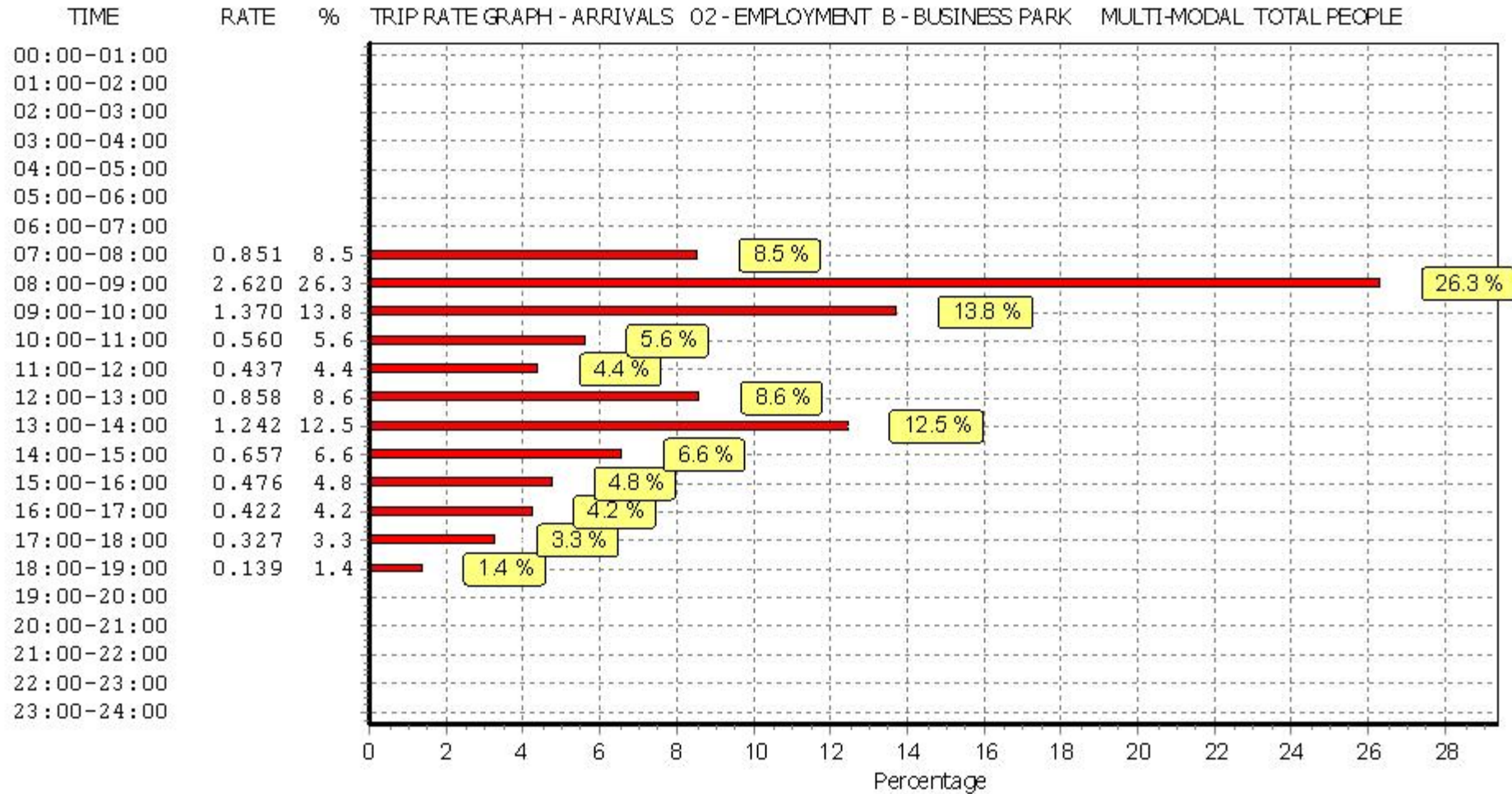
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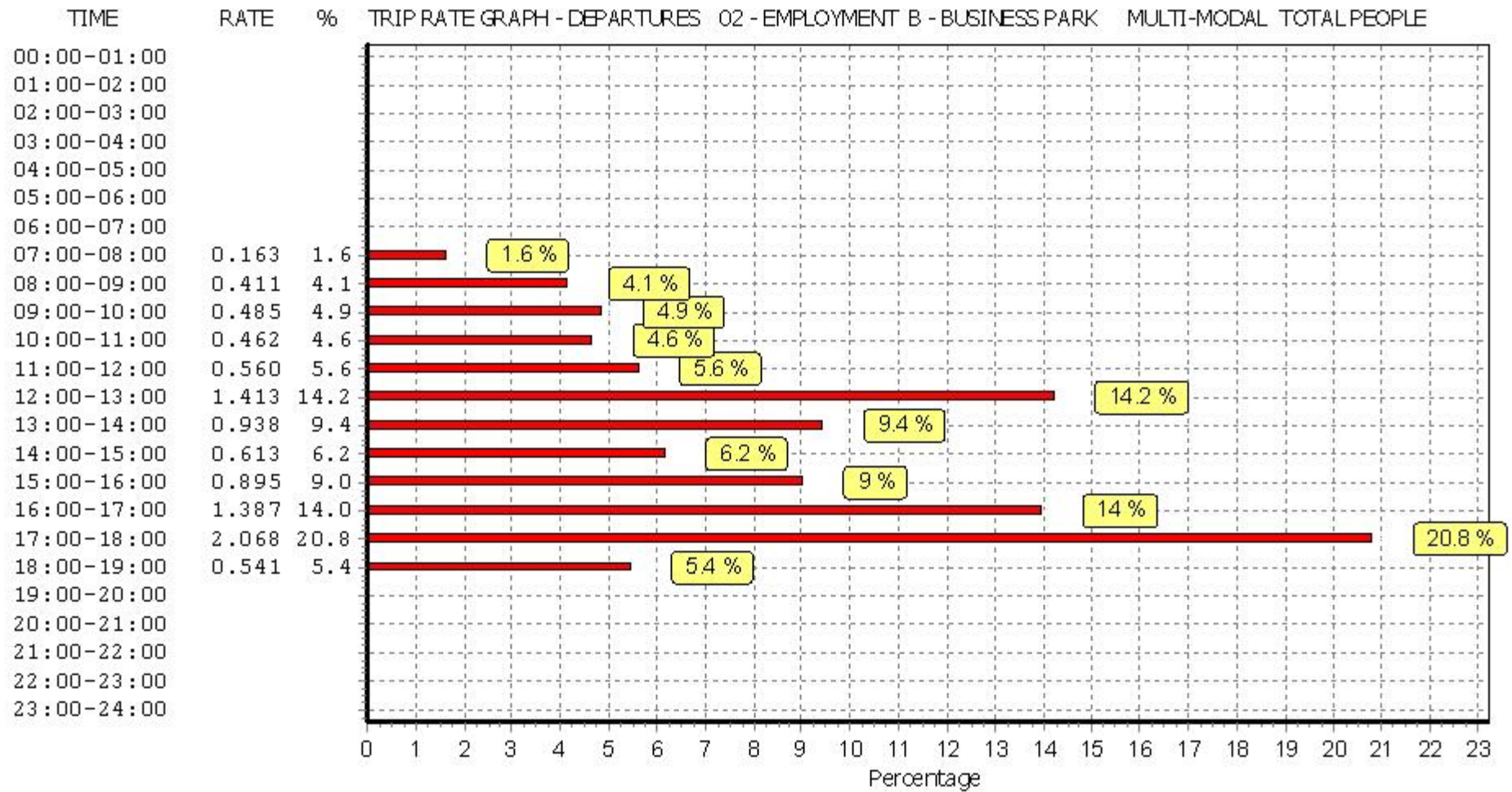
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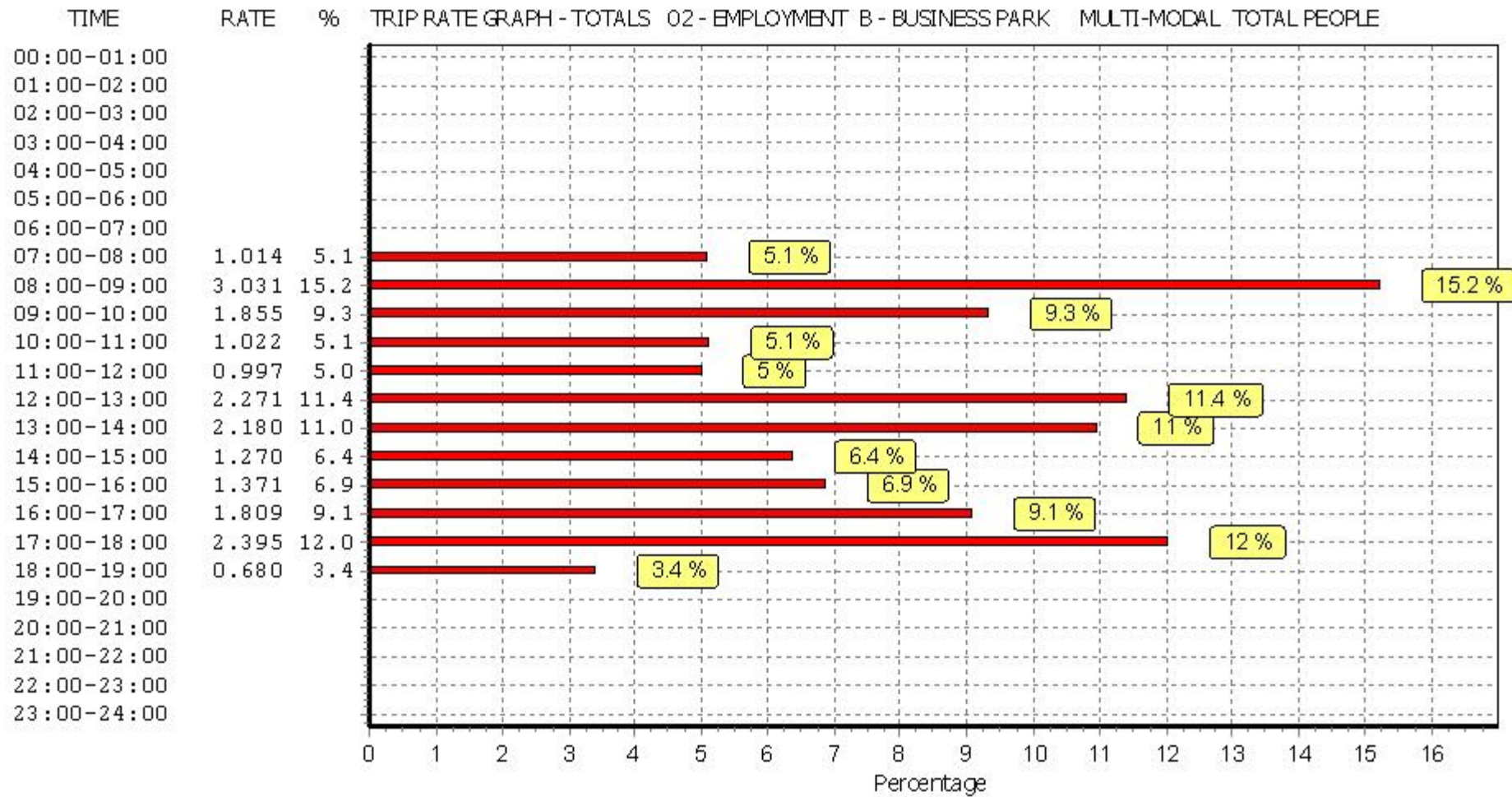
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