

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 04 - EDUCATION
 Category : A - PRIMARY
 VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	BN BARNET	1 days
	EN ENFIELD	1 days
	HO HOUNSLOW	1 days
02	SOUTH EAST	
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	DV DEVON	1 days
05	EAST MIDLANDS	
	NR NORTHAMPTONSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	MS MERSEYSIDE	1 days
12	CONNAUGHT	
	GA GALWAY	1 days
14	LEINSTER	
	KK KILKENNY	1 days
15	GREATER DUBLIN	
	DL DUBLIN	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: Number of pupils
 Actual Range: 90 to 400 (units:)
 Range Selected by User: 0 to 400 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/05 to 11/10/12

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

Selected survey days:

Tuesday	2 days
Wednesday	3 days
Thursday	3 days
Friday	3 days

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

Selected survey types:

Manual count	11 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	5
Edge of Town	3
Neighbourhood Centre (PPS6 Local Centre)	1

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and

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:

D1	11 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 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	3 days
10,001 to 15,000	1 days
15,001 to 20,000	3 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:

5,001 to 25,000	1 days
75,001 to 100,000	3 days
125,001 to 250,000	1 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	4 days
1.1 to 1.5	7 days

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

Travel Plan:

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

1	BN-04-A-01	PRIMARY SCHOOL		BARNET
	CHASE SIDE			
	EAST BARNET			
	Edge of Town			
	Residential Zone			
	Total Number of pupils:		90	
	Survey date: FRIDAY		07/10/05	Survey Type: MANUAL
2	DL-04-A-01	PRIMARY SCHOOL		DUBLIN
	LONG MILE ROAD			
	WALKINSTOWN			
	DUBLIN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of pupils:		360	
	Survey date: WEDNESDAY		28/09/11	Survey Type: MANUAL
3	DV-04-A-03	PRIMARY SCHOOL		DEVON
	ARDEN GROVE			
	PENNYCROSS			
	PLYMOUTH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of pupils:		230	
	Survey date: FRIDAY		08/07/05	Survey Type: MANUAL
4	EN-04-A-01	PRIMARY SCHOOL		ENFIELD
	CUCKOO HALL LANE			
	EDMONTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of pupils:		180	
	Survey date: WEDNESDAY		16/05/12	Survey Type: MANUAL
5	GA-04-A-01	PRIMARY SCHOOL		GALWAY
	SALTHILL ROAD LOWER			
	GALWAY			
	Edge of Town Centre			
	Residential Zone			
	Total Number of pupils:		249	
	Survey date: THURSDAY		11/10/12	Survey Type: MANUAL
6	HC-04-A-04	PRIMARY SCHOOL		HAMPSHIRE
	AUSTEN AVENUE			
	WINCHESTER			
	Edge of Town			
	Residential Zone			
	Total Number of pupils:		231	
	Survey date: TUESDAY		20/11/07	Survey Type: MANUAL
7	HO-04-A-01	PRIMARY SCHOOL		HOUNSLOW
	BUCKINGHAM ROAD			
	HANWORTH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Number of pupils:		320	
	Survey date: THURSDAY		29/11/07	Survey Type: MANUAL
8	KK-04-A-01	PRIMARY SCHOOL		KILKENNY
	STEPHEN STREET			
	KILKENNY			
	Edge of Town Centre			
	Residential Zone			
	Total Number of pupils:		260	
	Survey date: FRIDAY		28/11/08	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	MS-04-A-01	RC PRIMARY SCHOOL	MERSEYSIDE
	DERWENT ROAD		
	ST HELENS		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of pupils:	193	
	Survey date: THURSDAY	05/10/06	Survey Type: MANUAL
10	NR-04-A-02	PRIMARY SCHOOL	NORTHAMPTONSHIRE
	DAYRELL ROAD		
	NORTHAMPTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of pupils:	400	
	Survey date: WEDNESDAY	26/11/08	Survey Type: MANUAL
11	NY-04-A-01	PRIMARY SCHOOL	NORTH YORKSHIRE
	GRANGE AVENUE		
	TADCASTER		
	Edge of Town		
	Residential Zone		
	Total Number of pupils:	161	
	Survey date: TUESDAY	10/05/05	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.

TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
VEHICLES
 Calculation factor: 1 PUPILS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	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	11	243	0.034	11	243	0.013	11	243	0.047
08:00 - 09:00	11	243	0.209	11	243	0.146	11	243	0.355
09:00 - 10:00	11	243	0.053	11	243	0.069	11	243	0.122
10:00 - 11:00	11	243	0.015	11	243	0.010	11	243	0.025
11:00 - 12:00	11	243	0.016	11	243	0.016	11	243	0.032
12:00 - 13:00	11	243	0.030	11	243	0.027	11	243	0.057
13:00 - 14:00	11	243	0.035	11	243	0.036	11	243	0.071
14:00 - 15:00	11	243	0.061	11	243	0.042	11	243	0.103
15:00 - 16:00	11	243	0.125	11	243	0.182	11	243	0.307
16:00 - 17:00	11	243	0.027	11	243	0.047	11	243	0.074
17:00 - 18:00	11	243	0.002	11	243	0.015	11	243	0.017
18:00 - 19:00	8	223	0.002	8	223	0.005	8	223	0.007
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.609			0.608			1.217

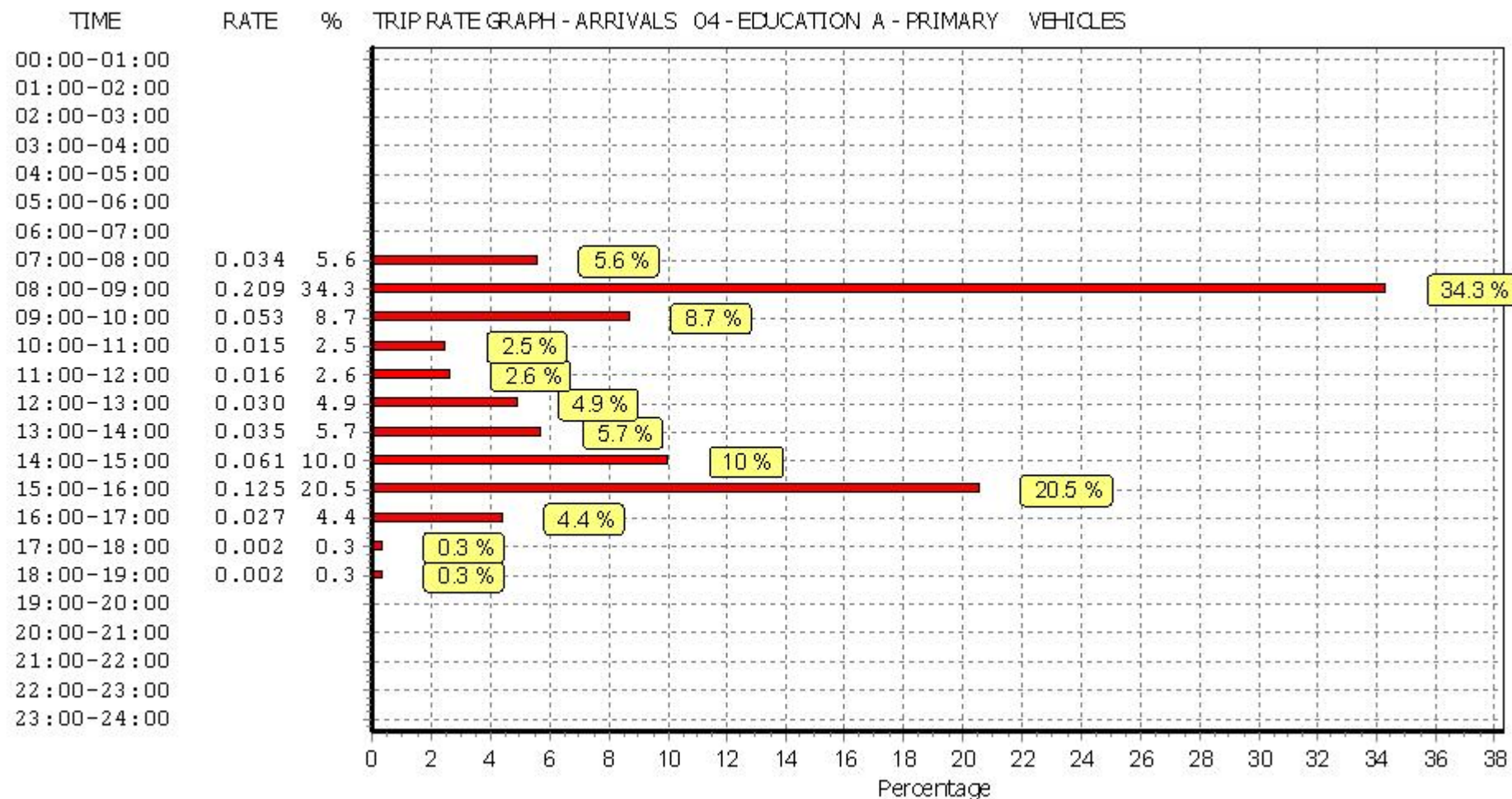
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

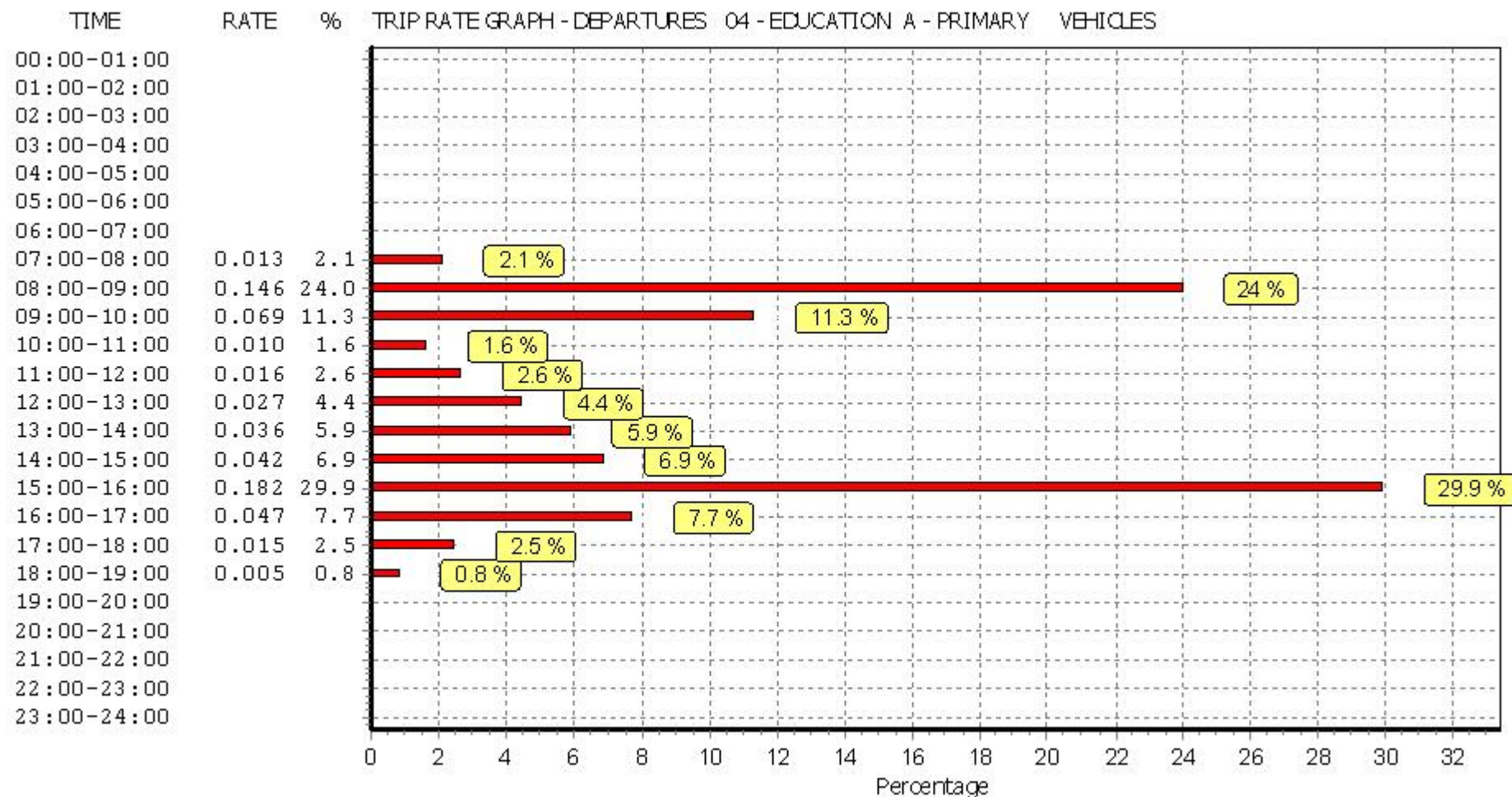
Parameter summary

Trip rate parameter range selected:	90 - 400 (units:)
Survey date range:	01/01/05 - 11/10/12
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

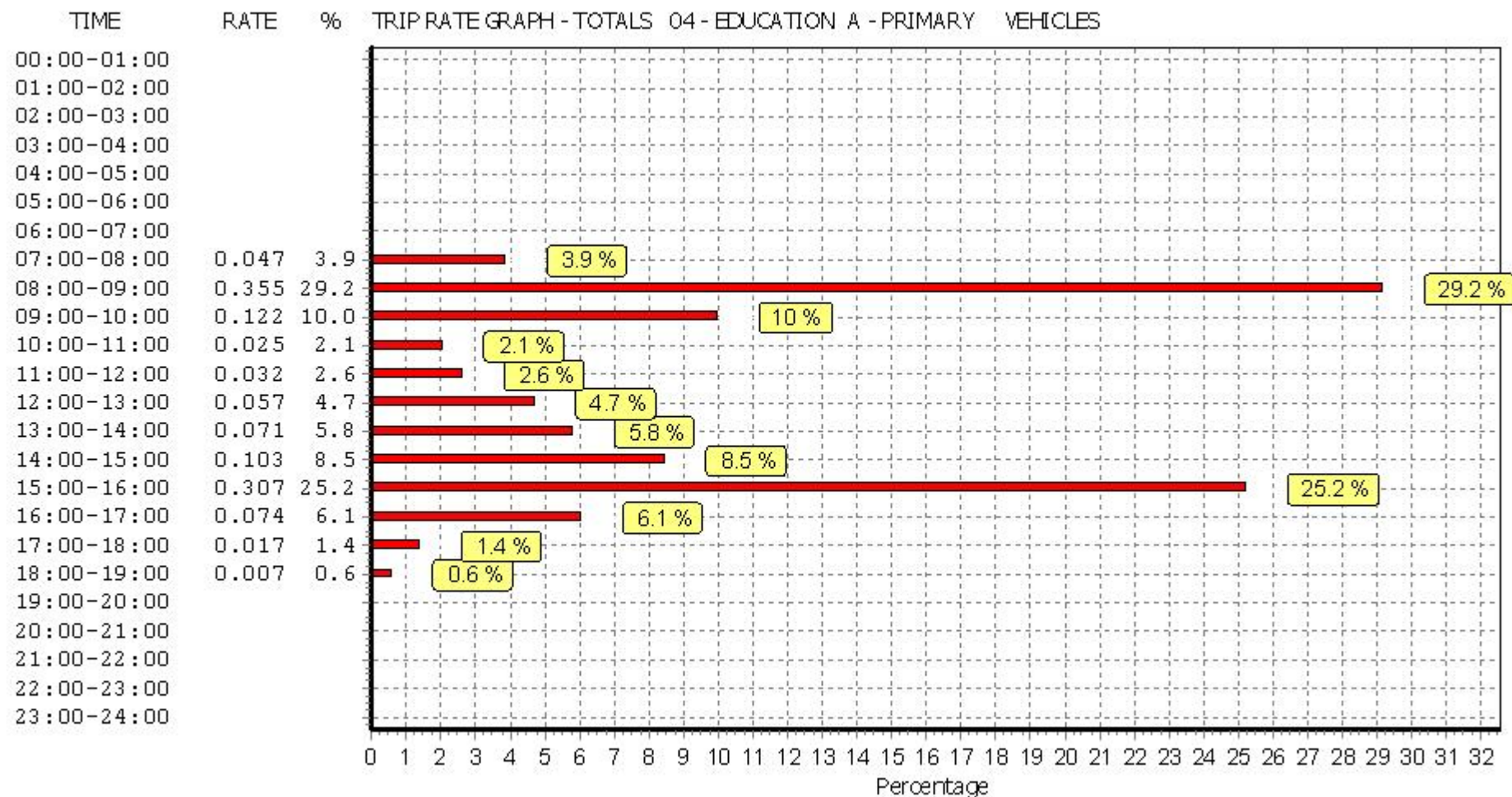
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This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, 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 04 - EDUCATION/A - PRIMARY
 OGVS
 Calculation factor: 1 PUPILS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	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	11	243	0.000	11	243	0.000	11	243	0.000
08:00 - 09:00	11	243	0.000	11	243	0.000	11	243	0.000
09:00 - 10:00	11	243	0.000	11	243	0.000	11	243	0.000
10:00 - 11:00	11	243	0.000	11	243	0.000	11	243	0.000
11:00 - 12:00	11	243	0.000	11	243	0.000	11	243	0.000
12:00 - 13:00	11	243	0.001	11	243	0.001	11	243	0.002
13:00 - 14:00	11	243	0.001	11	243	0.001	11	243	0.002
14:00 - 15:00	11	243	0.000	11	243	0.000	11	243	0.000
15:00 - 16:00	11	243	0.000	11	243	0.000	11	243	0.000
16:00 - 17:00	11	243	0.000	11	243	0.000	11	243	0.000
17:00 - 18:00	11	243	0.000	11	243	0.000	11	243	0.000
18:00 - 19:00	8	223	0.000	8	223	0.000	8	223	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.002			0.002			0.004

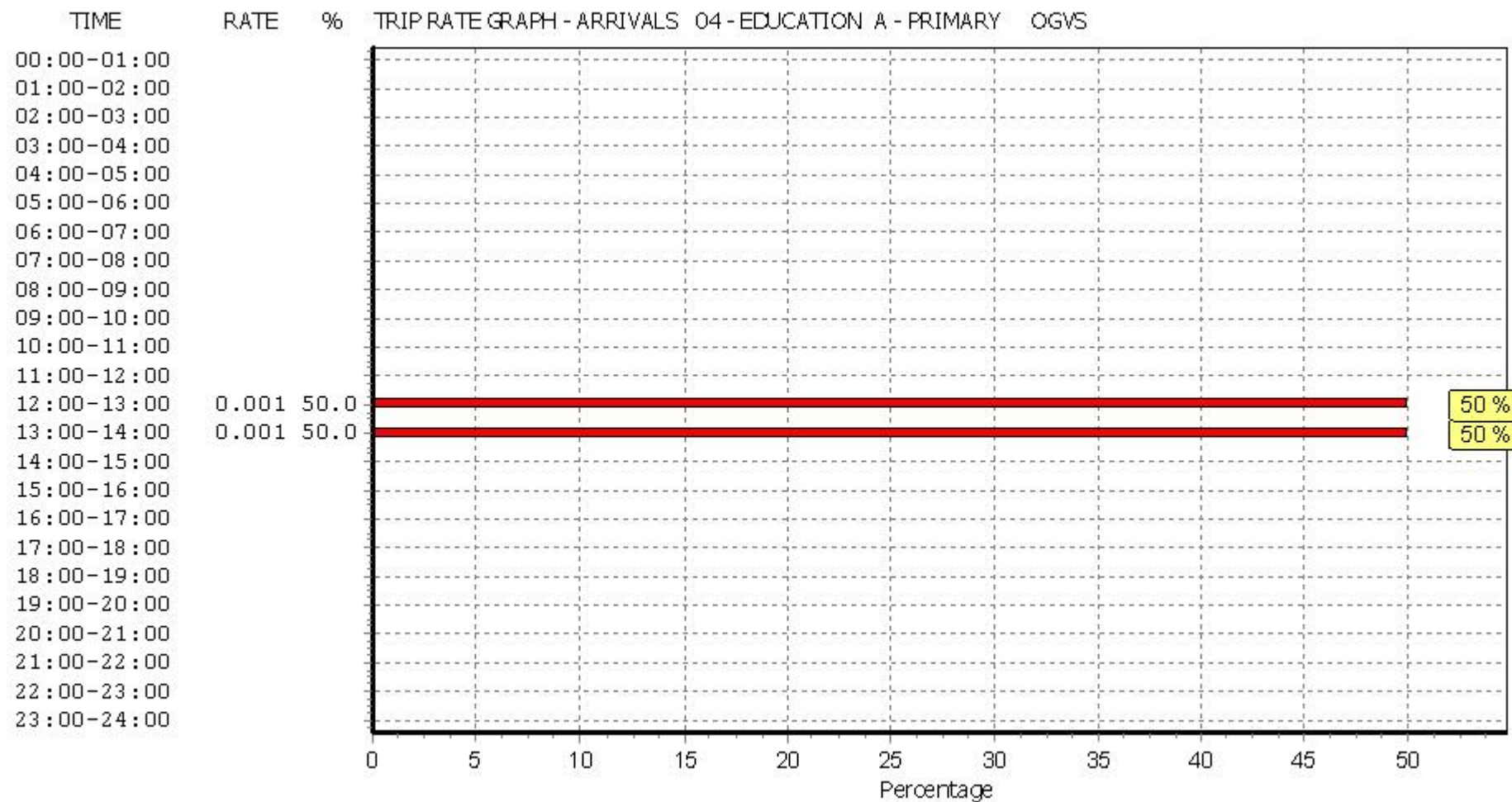
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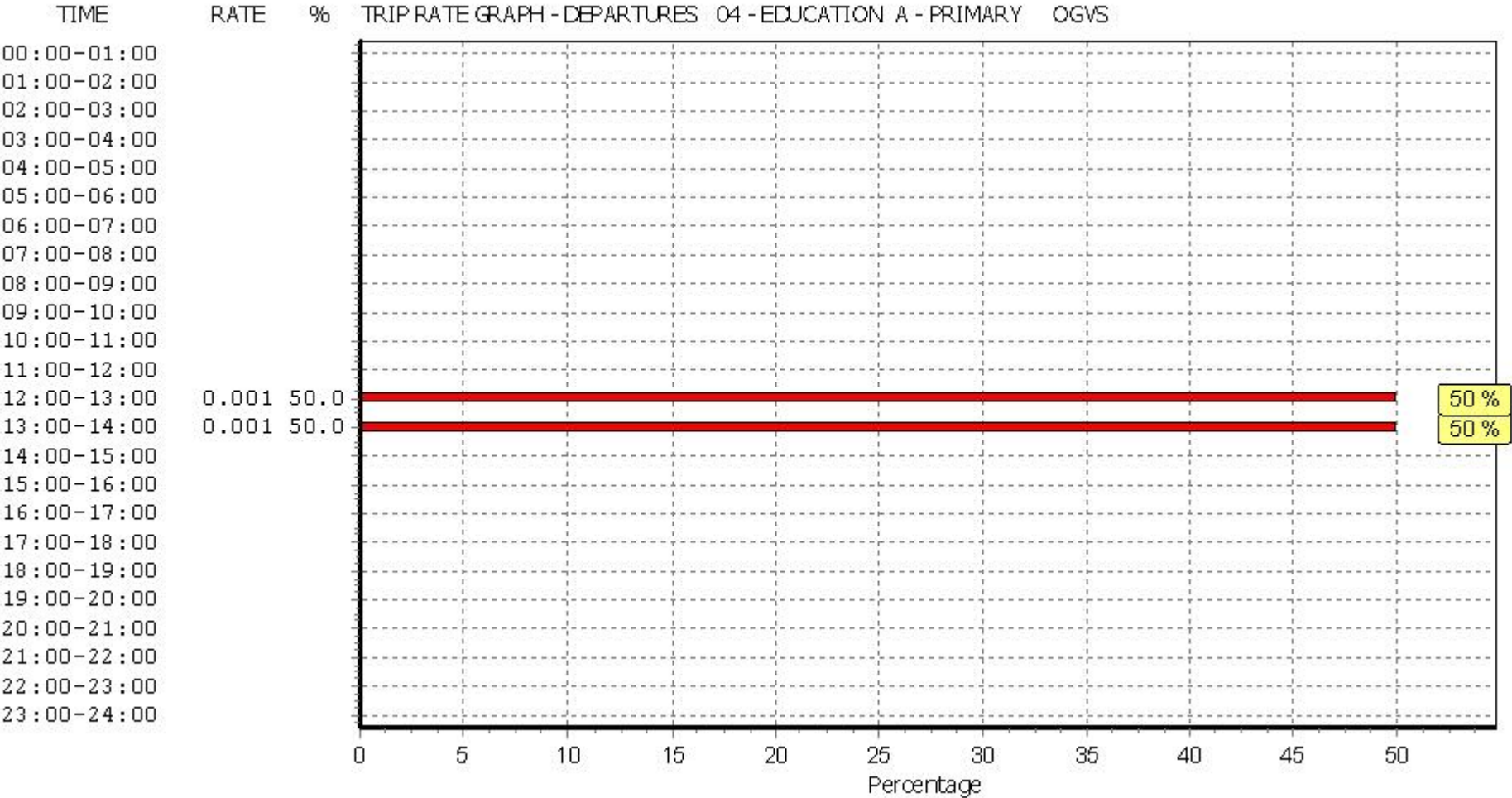
Parameter summary

Trip rate parameter range selected:	90 - 400 (units:)
Survey date date range:	01/01/05 - 11/10/12
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

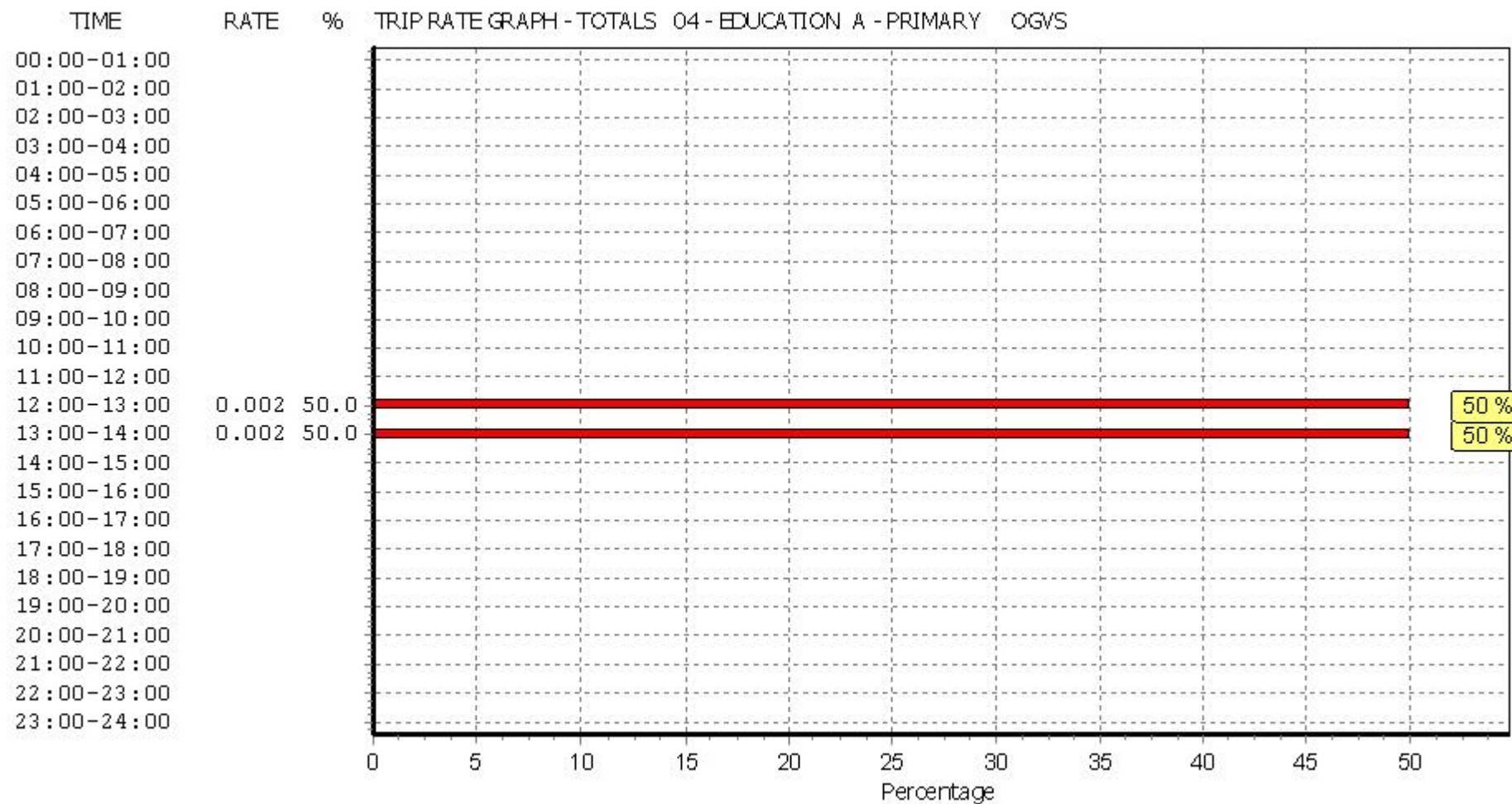
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TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
 PSVS
 Calculation factor: 1 PUPILS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	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	11	243	0.000	11	243	0.000	11	243	0.000
08:00 - 09:00	11	243	0.000	11	243	0.000	11	243	0.000
09:00 - 10:00	11	243	0.000	11	243	0.000	11	243	0.000
10:00 - 11:00	11	243	0.000	11	243	0.000	11	243	0.000
11:00 - 12:00	11	243	0.000	11	243	0.000	11	243	0.000
12:00 - 13:00	11	243	0.000	11	243	0.000	11	243	0.000
13:00 - 14:00	11	243	0.000	11	243	0.000	11	243	0.000
14:00 - 15:00	11	243	0.000	11	243	0.000	11	243	0.000
15:00 - 16:00	11	243	0.000	11	243	0.000	11	243	0.000
16:00 - 17:00	11	243	0.000	11	243	0.000	11	243	0.000
17:00 - 18:00	11	243	0.000	11	243	0.000	11	243	0.000
18:00 - 19:00	8	223	0.000	8	223	0.000	8	223	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.000			0.000

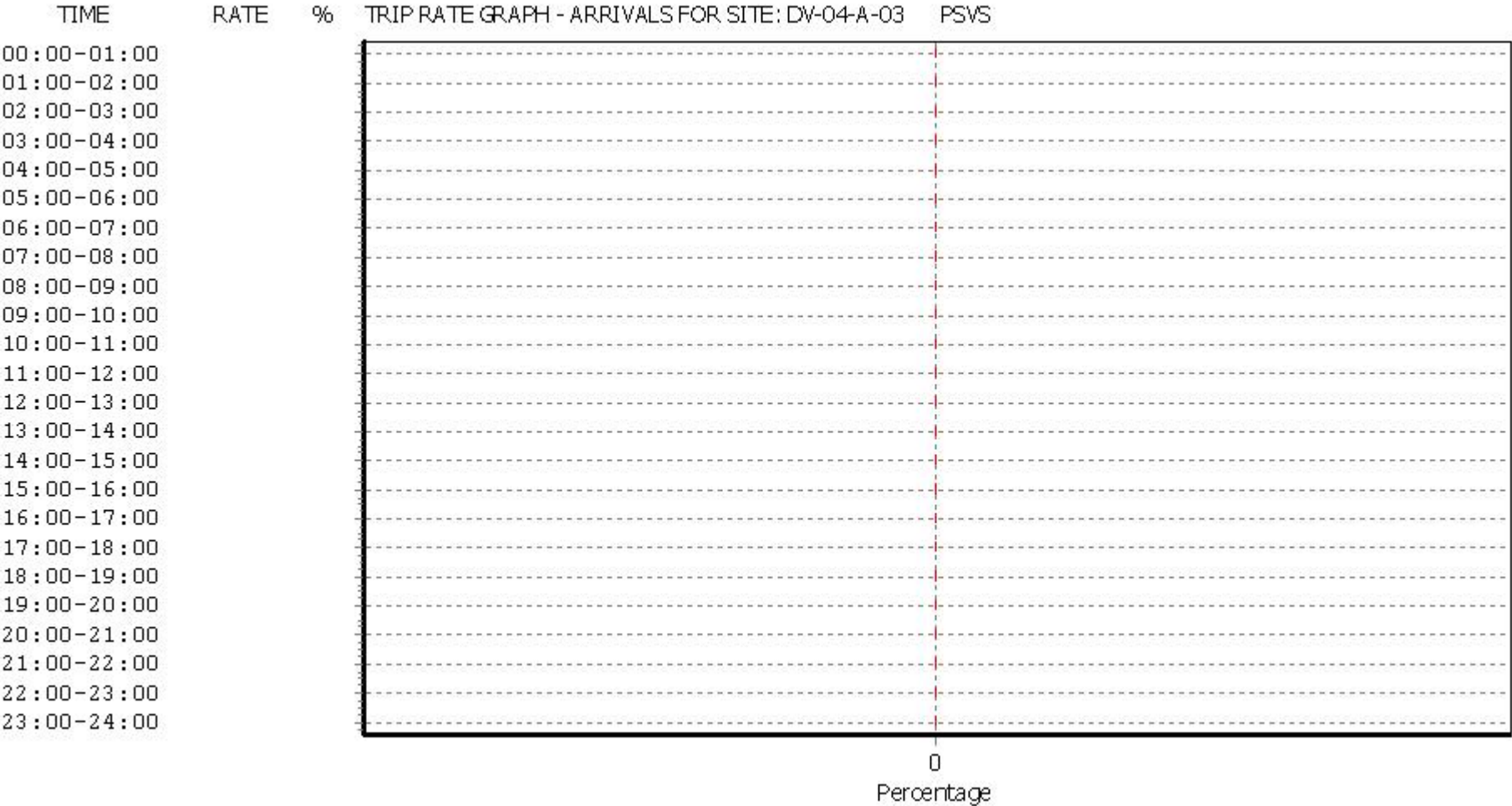
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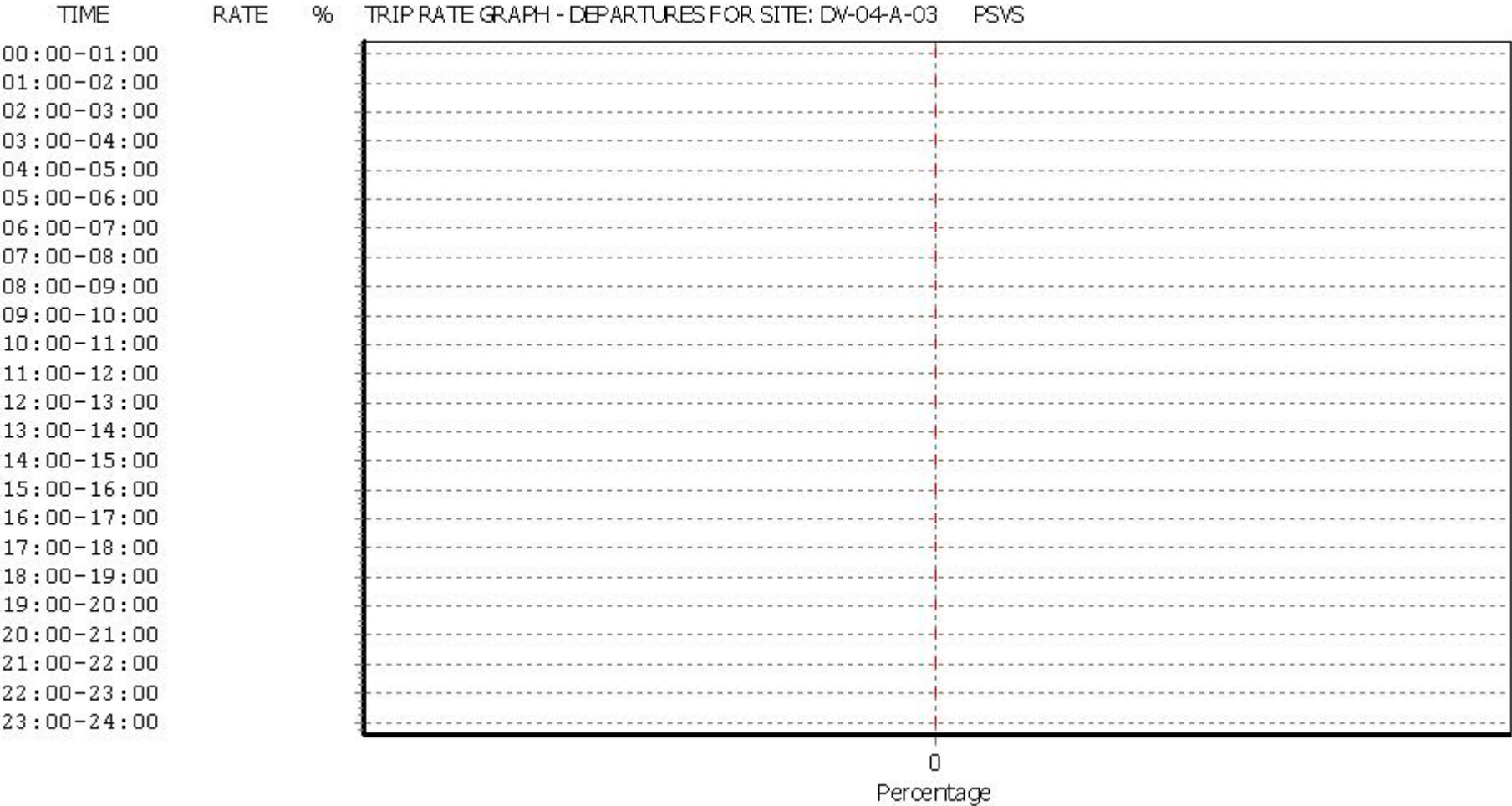
Parameter summary

Trip rate parameter range selected:	90 - 400 (units:)
Survey date range:	01/01/05 - 11/10/12
Number of weekdays (Monday-Friday):	11
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

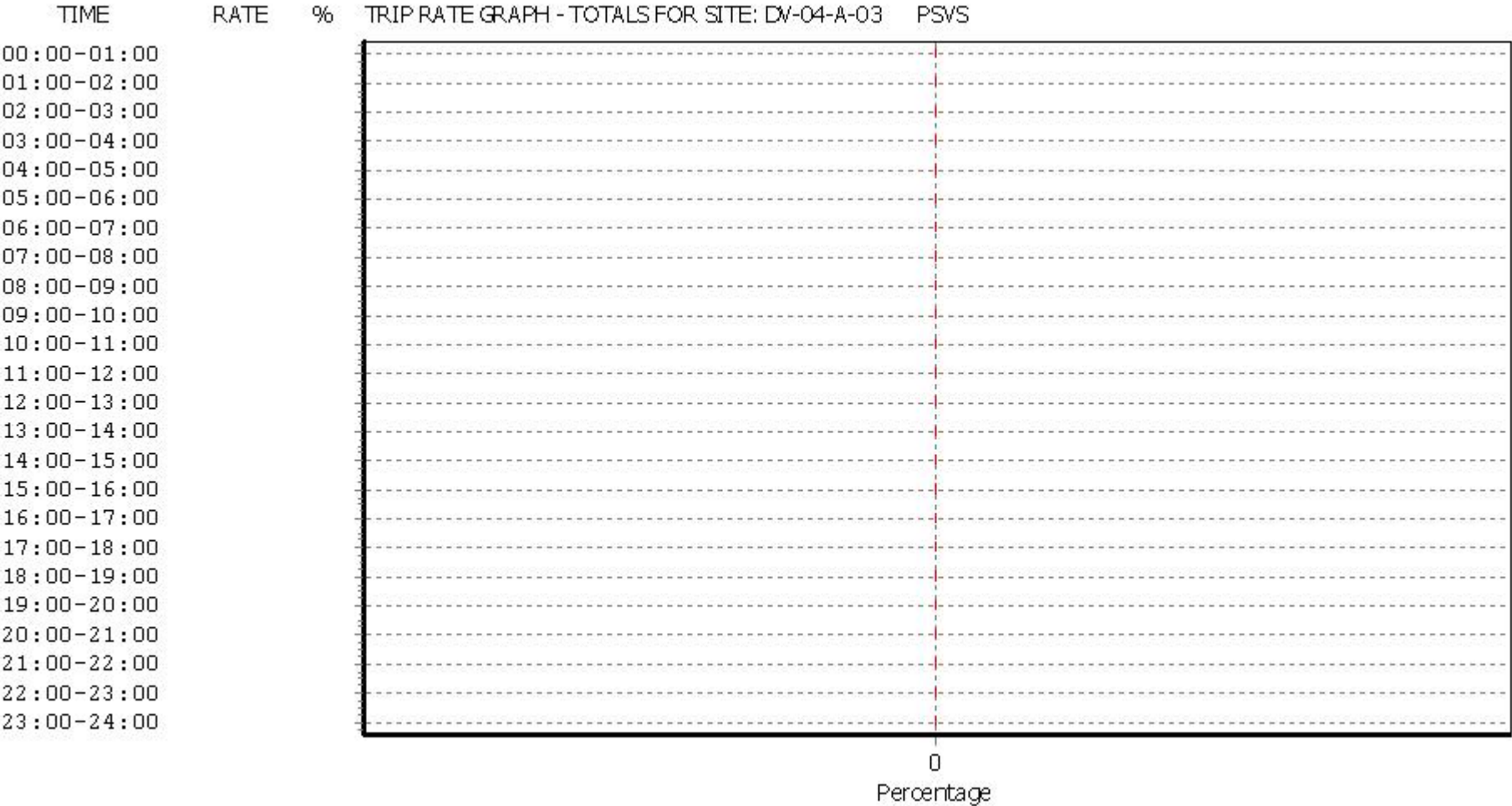
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TRIP RATE for Land Use 04 - EDUCATION/A - PRIMARY
CYCLISTS
 Calculation factor: 1 PUPILS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	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	11	243	0.004	11	243	0.000	11	243	0.004
08:00 - 09:00	11	243	0.008	11	243	0.001	11	243	0.009
09:00 - 10:00	11	243	0.001	11	243	0.003	11	243	0.004
10:00 - 11:00	11	243	0.000	11	243	0.000	11	243	0.000
11:00 - 12:00	11	243	0.000	11	243	0.000	11	243	0.000
12:00 - 13:00	11	243	0.000	11	243	0.000	11	243	0.000
13:00 - 14:00	11	243	0.000	11	243	0.000	11	243	0.000
14:00 - 15:00	11	243	0.001	11	243	0.003	11	243	0.004
15:00 - 16:00	11	243	0.001	11	243	0.006	11	243	0.007
16:00 - 17:00	11	243	0.000	11	243	0.002	11	243	0.002
17:00 - 18:00	11	243	0.000	11	243	0.000	11	243	0.000
18:00 - 19:00	8	223	0.001	8	223	0.001	8	223	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.016			0.016			0.032

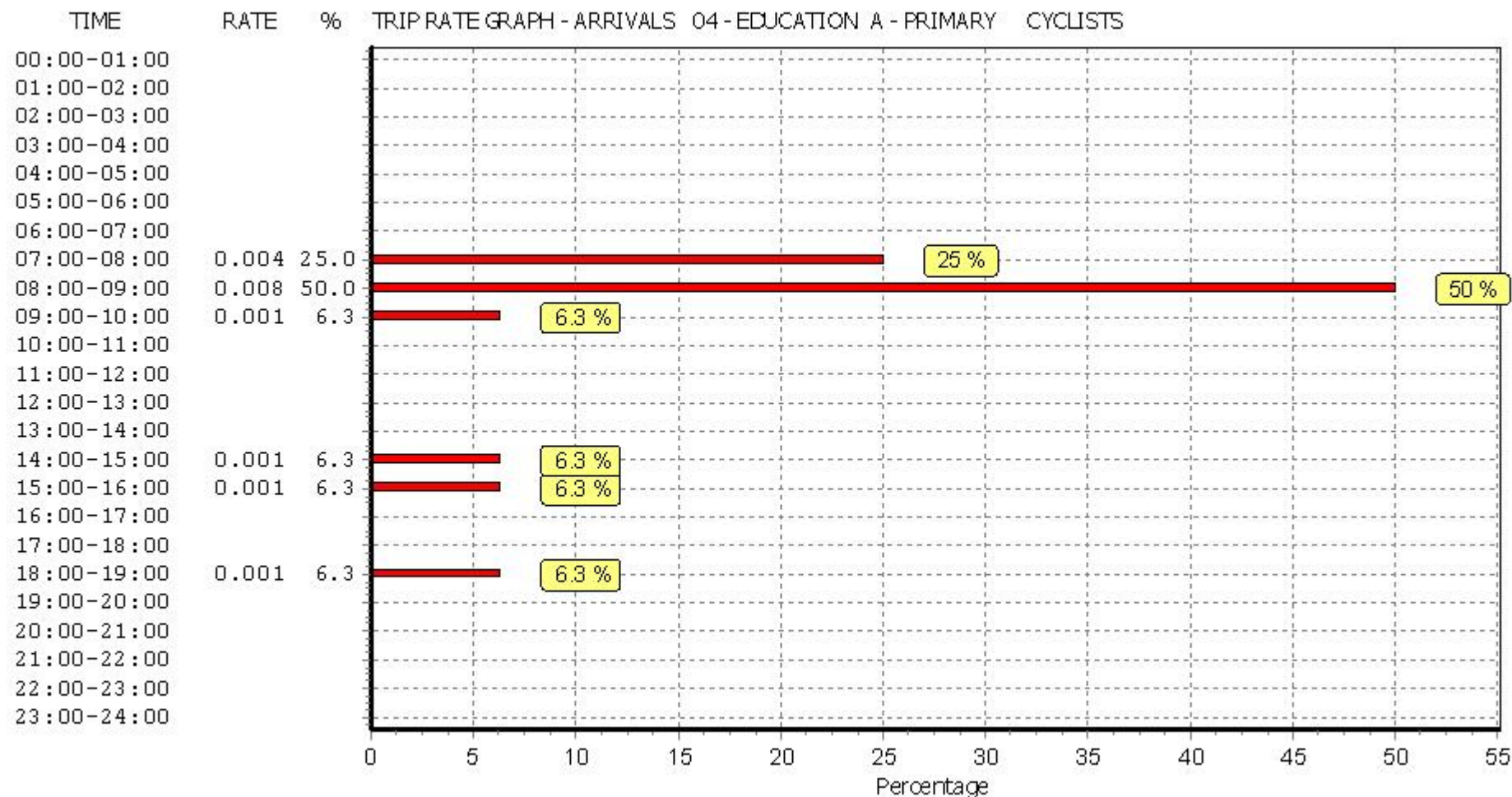
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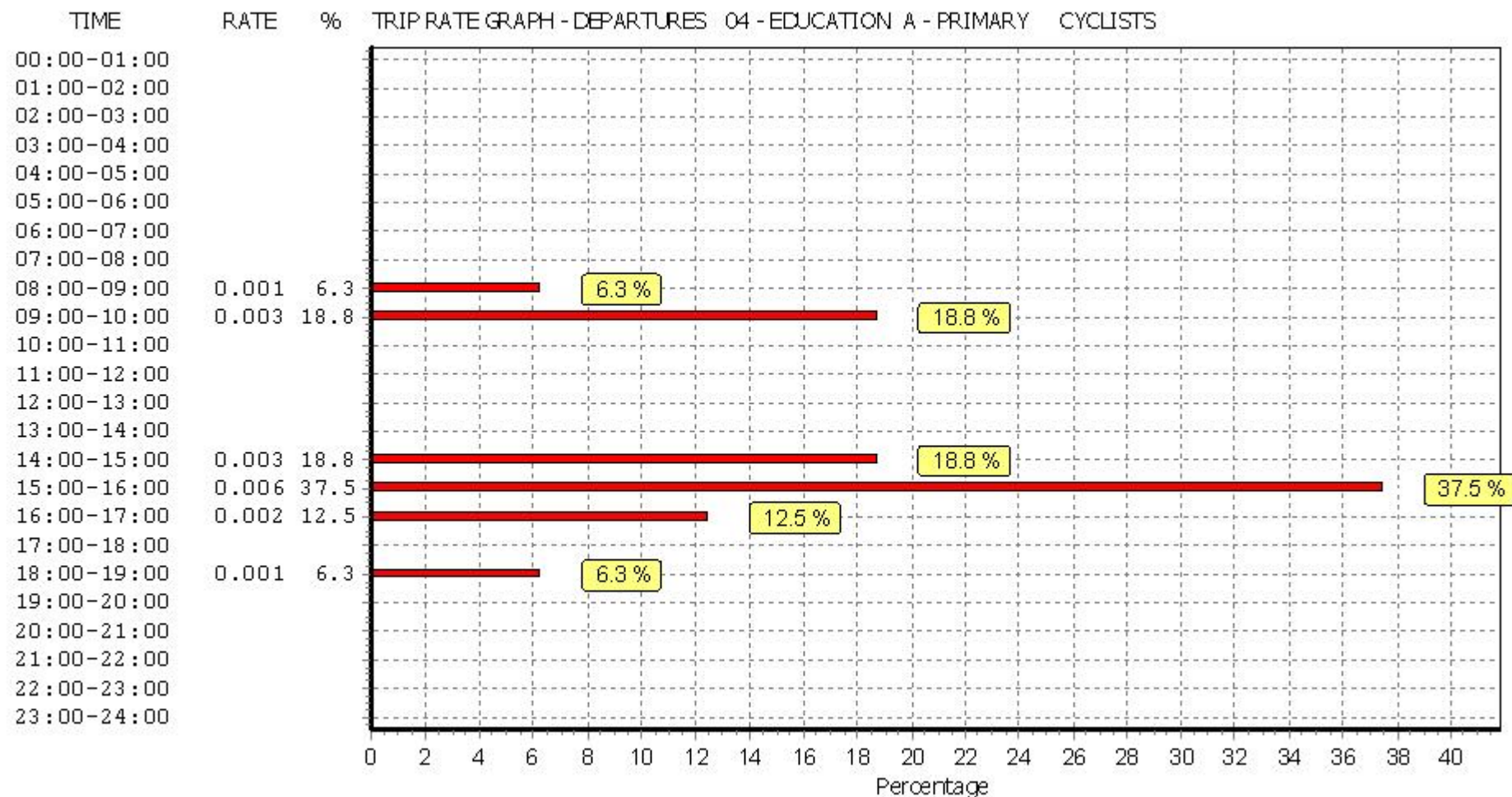
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Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

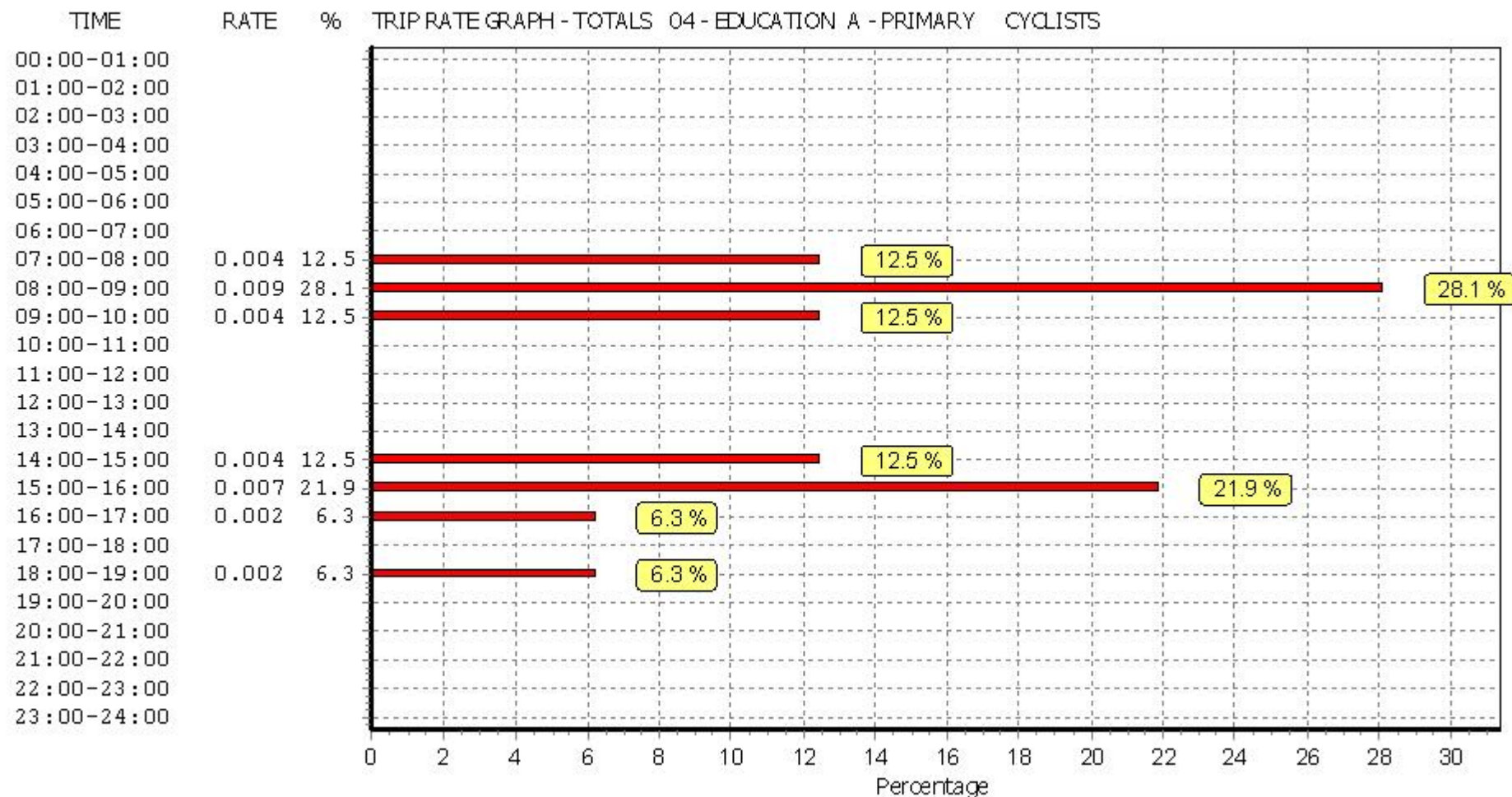
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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



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