

Calculation Reference: AUDIT-550501-140221-0207

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	HF HERTFORDSHIRE	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
10	WALES	
	WR WREXHAM	1 days
11	SCOTLAND	
	FA FALKIRK	1 days
	GC GLASGOW CITY	1 days
	SR STIRLING	1 days
12	CONNAUGHT	
	GA GALWAY	1 days
	MA MAYO	1 days
14	LEINSTER	
	KD KILDARE	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 dwellings
 Actual Range: 52 to 185 (units:)
 Range Selected by User: 50 to 747 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/98 to 29/05/13

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	4 days
Tuesday	4 days
Wednesday	1 days
Thursday	2 days
Friday	3 days

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

Selected survey types:

Manual count	14 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	9
Edge of Town	2
Neighbourhood Centre (PPS6 Local 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:

Residential Zone	10
Village	1
No Sub Category	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.

Filtering Stage 3 selection:

Use Class:

C3	14 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®.

Filtering Stage 3 selection (Cont.):

Population within 1 mile:

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

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

Population within 5 miles:

5,001 to 25,000	4 days
25,001 to 50,000	1 days
50,001 to 75,000	2 days
75,001 to 100,000	1 days
100,001 to 125,000	3 days
125,001 to 250,000	2 days
250,001 to 500,000	1 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	3 days
1.1 to 1.5	10 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:

Not Known	3 days
No	11 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.

LIST OF SITES relevant to selection parameters

1	CW-03-A-02 SEMI D./DETACHED BOSVEAN GARDENS		CORNWALL
	TRURO Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 73 Survey date: TUESDAY 18/09/07		Survey Type: MANUAL
2	FA-03-A-02 MIXED HOUSES ROSEBANK AVENUE & SPRINGFIELD DRIVE		FALKIRK
	FALKIRK Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 161 Survey date: WEDNESDAY 29/05/13		Survey Type: MANUAL
3	GA-03-A-02 TERRACED BOHERMORE TOWNPARKS GALWAY		GALWAY
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 185 Survey date: TUESDAY 19/09/06		Survey Type: MANUAL
4	GC-03-A-05 MIXED HOUSES DUNTREATH AVENUE DRUMCHAPEL GLASGOW		GLASGOW CITY
	Neighbourhood Centre (PPS6 Local Centre) No Sub Category Total Number of dwellings: 56 Survey date: FRIDAY 30/07/99		Survey Type: MANUAL
5	HF-03-A-01 MIXED HOUSES LONGCROFT LANE		HERTFORDSHIRE
	WELWYN GARDEN CITY Edge of Town Centre Residential Zone Total Number of dwellings: 53 Survey date: FRIDAY 06/09/02		Survey Type: MANUAL
6	KD-03-A-02 TERRACED/SEMI -D. CEDARWOOD PARK MORRISTOWN ROAD NEWBRIDGE		KILDARE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 71 Survey date: TUESDAY 12/05/09		Survey Type: MANUAL
7	MA-03-A-01 SEMI-DET. & TERRACED N26 STATION ROAD		MAYO
	BALLINA Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 74 Survey date: FRIDAY 15/07/11		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	NF-03-A-02	HOUSES & FLATS		NORFOLK
	DEREHAM ROAD			
	NORWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	98		
	Survey date: MONDAY	22/10/12		Survey Type: MANUAL
9	NT-03-A-01	BUNGALOWS		NOTTINGHAMSHIRE
	COLLINGHAM			
	Neighbourhood Centre (PPS6 Local Centre)			
	Village			
	Total Number of dwellings:	125		
	Survey date: THURSDAY	26/11/98		Survey Type: MANUAL
10	NY-03-A-01	MIXED HOUSES		NORTH YORKSHIRE
	GRAMMAR SCHOOL LANE			
	NORTHALLERTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	52		
	Survey date: TUESDAY	25/09/07		Survey Type: MANUAL
11	SH-03-A-04	TERRACED		SHROPSHIRE
	ST MICHAEL'S STREET			
	SHREWSBURY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	108		
	Survey date: THURSDAY	11/06/09		Survey Type: MANUAL
12	SR-03-A-01	DETACHED		STIRLING
	BENVIEW			
	STIRLING			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	115		
	Survey date: MONDAY	23/04/07		Survey Type: MANUAL
13	WL-03-A-01	SEMI D./TERRACED W. BASSETT		WILTSHIRE
	MAPLE DRIVE			
	WOOTTON BASSETT			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	99		
	Survey date: MONDAY	02/10/06		Survey Type: MANUAL
14	WR-03-A-01	SEMI DETACHED		WREXHAM
	MOLD ROAD			
	RHOSDDU			
	WREXHAM			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	82		
	Survey date: MONDAY	05/07/04		Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
HC-03-A-13	high proportion of flats in houses

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
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	14	97	0.058	14	97	0.235	14	97	0.293
08:00 - 09:00	14	97	0.118	14	97	0.322	14	97	0.440
09:00 - 10:00	14	97	0.141	14	97	0.202	14	97	0.343
10:00 - 11:00	14	97	0.112	14	97	0.124	14	97	0.236
11:00 - 12:00	14	97	0.140	14	97	0.146	14	97	0.286
12:00 - 13:00	14	97	0.167	14	97	0.152	14	97	0.319
13:00 - 14:00	14	97	0.181	14	97	0.189	14	97	0.370
14:00 - 15:00	14	97	0.168	14	97	0.172	14	97	0.340
15:00 - 16:00	14	97	0.210	14	97	0.164	14	97	0.374
16:00 - 17:00	14	97	0.275	14	97	0.174	14	97	0.449
17:00 - 18:00	14	97	0.325	14	97	0.205	14	97	0.530
18:00 - 19:00	14	97	0.257	14	97	0.199	14	97	0.456
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.152			2.284			4.436

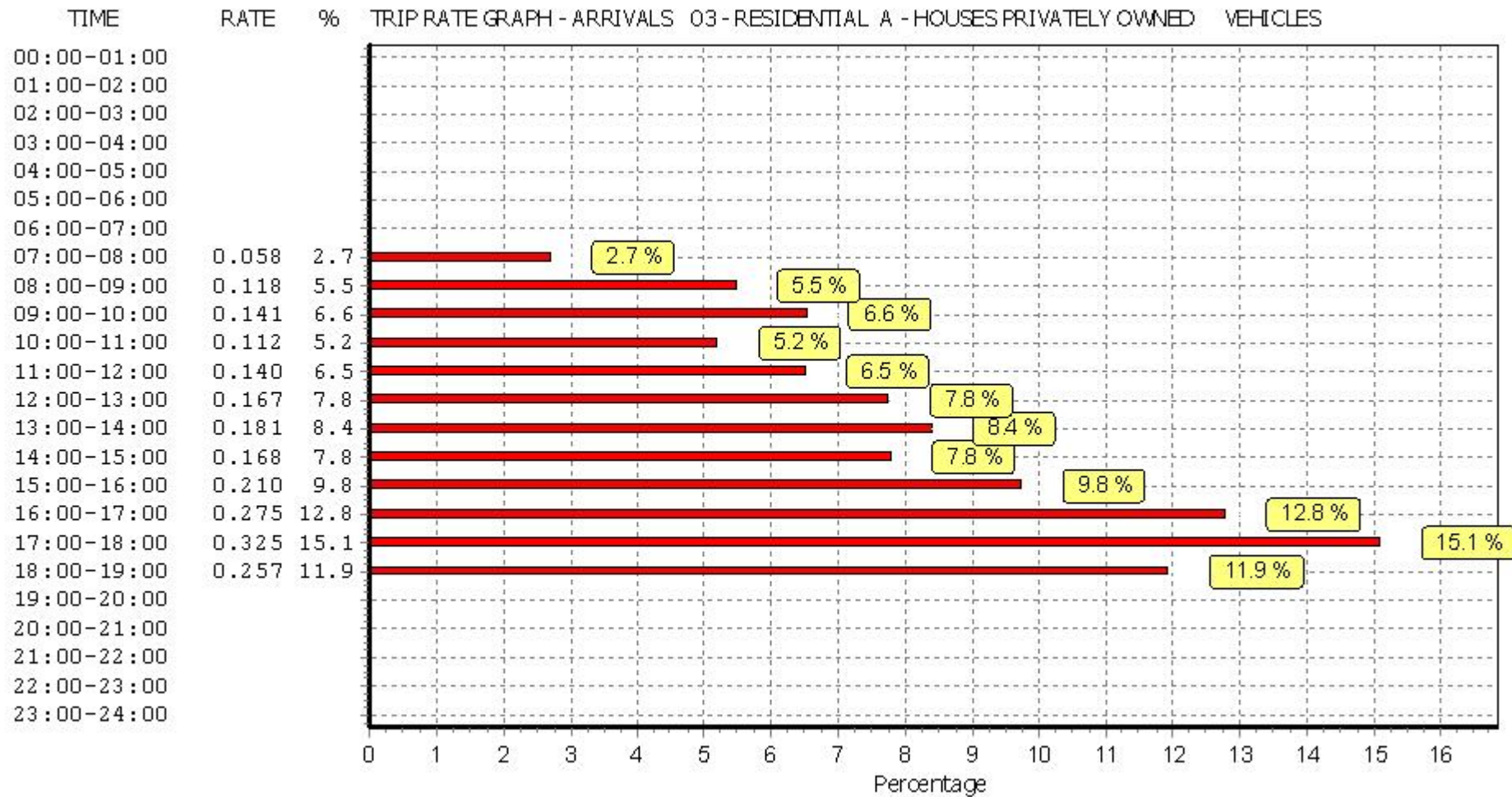
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

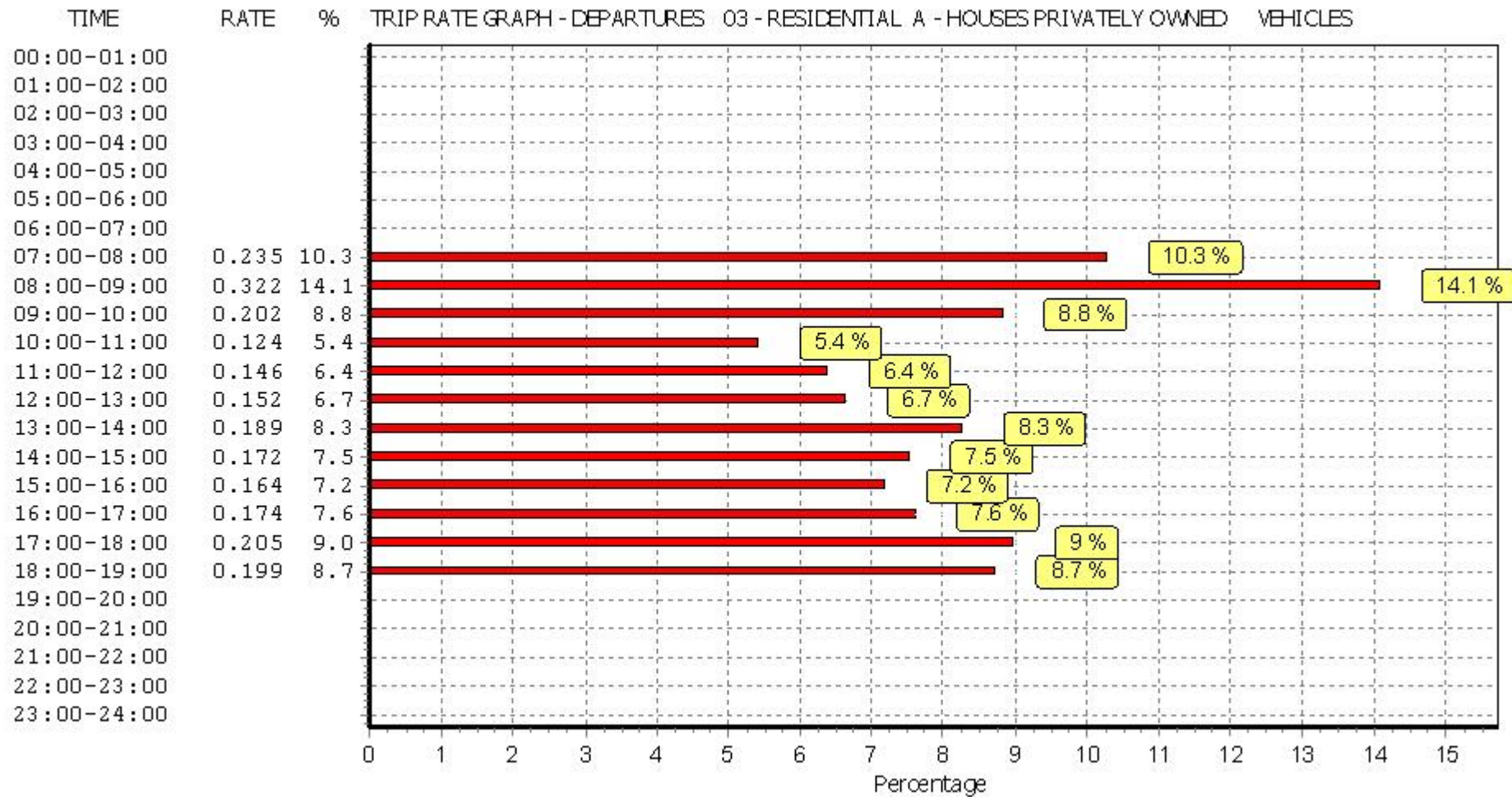
Parameter summary

Trip rate parameter range selected: 52 - 185 (units:)
 Survey date date range: 01/01/98 - 29/05/13
 Number of weekdays (Monday-Friday): 15
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 1

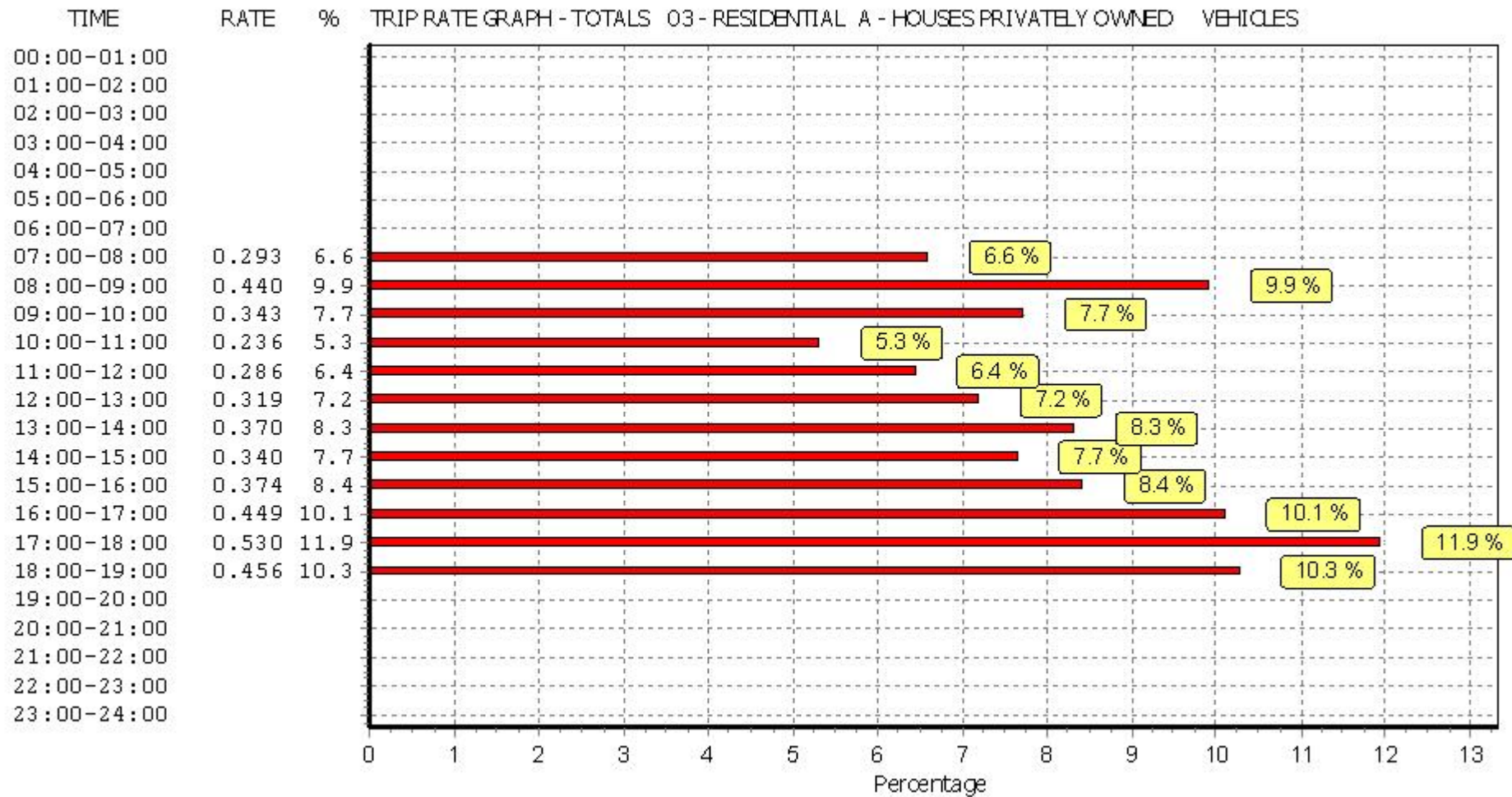
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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