

**TRIP RATE CALCULATION SELECTION PARAMETERS:**

Land Use : 03 - RESIDENTIAL  
 Category : B - HOUSES FOR RENT

**VEHICLES**Selected regions and areas:

<b>06 WEST MIDLANDS</b>		
WM WEST MIDLANDS		1 days
WO WORCESTERSHIRE		1 days
<b>07 YORKSHIRE &amp; NORTH LINCOLNSHIRE</b>		
NY NORTH YORKSHIRE		1 days
<b>09 NORTH</b>		
CB CUMBRIA		1 days
DH DURHAM		1 days
NB NORTHUMBERLAND		1 days
<b>10 WALES</b>		
BG BRIDGEND		1 days
RC RHONDDA CYNON TAFF		3 days
<b>11 SCOTLAND</b>		
HI HIGHLAND		5 days
<b>17 ULSTER (NORTHERN IRELAND)</b>		
AN ANTRIM		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: 70 to 516 (units: )  
 Range Selected by User: 50 to 516 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/90 to 19/11/12

*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:

Monday	4 days
Tuesday	3 days
Thursday	6 days
Friday	3 days

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

Selected survey types:

Manual count	13 days
Directional ATC Count	3 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:

Suburban Area (PPS6 Out of Centre)	6
Edge of Town	5
Neighbourhood Centre (PPS6 Local Centre)	5

*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

*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	16 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:

Not Known	3 days
1,001 to 5,000	1 days
5,001 to 10,000	3 days
10,001 to 15,000	5 days
15,001 to 20,000	2 days
25,001 to 50,000	1 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:

Not Known	3 days
5,001 to 25,000	2 days
50,001 to 75,000	5 days
75,001 to 100,000	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:

Not Known	3 days
0.6 to 1.0	9 days
1.1 to 1.5	3 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:

Not Known	8 days
No	8 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 (Cont.)

<b>9</b>	<b>HI-03-B-06</b>	<b>TERRACED</b>		<b>HIGHLAND</b>
	CARNARC CRESCENT			
	INVERNESS			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Number of dwellings:		108	
	Survey date:	THURSDAY	21/05/09	Survey Type: MANUAL
<b>10</b>	<b>NB-03-B-01</b>	<b>SEMI DET. &amp; TERRACED</b>		<b>NORTHUMBERLAND</b>
	WESTLEA			
	BEDLINGTON			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:		97	
	Survey date:	MONDAY	19/11/12	Survey Type: MANUAL
<b>11</b>	<b>NY-03-B-01</b>	<b>TERRACED HOUSING</b>		<b>NORTH YORKSHIRE</b>
	NORTHALLERTON ROAD			
	NORBY			
	THIRSK			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:		280	
	Survey date:	THURSDAY	20/09/07	Survey Type: MANUAL
<b>12</b>	<b>RC-03-B-01</b>	<b>SEMI DETACHED</b>		<b>RHONDDA CYNON TAFF</b>
	HEOL Y MYNYDD ROAD			
	HENDREFORGAN			
	Neighbourhood Centre (PPS6 Local Centre)			
	Village			
	Total Number of dwellings:		299	
	Survey date:	THURSDAY	22/03/90	Survey Type: MANUAL
<b>13</b>	<b>RC-03-B-02</b>	<b>TERRACED</b>		<b>RHONDDA CYNON TAFF</b>
	LLANTRISSANT ROAD			
	TONYREFAIL			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:		305	
	Survey date:	THURSDAY	05/04/90	Survey Type: MANUAL
<b>14</b>	<b>RC-03-B-03</b>	<b>TERRACED</b>		<b>RHONDDA CYNON TAFF</b>
	ABERDARE ROAD			
	FERNHILL			
	MOUNTAIN ASH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Village			
	Total Number of dwellings:		473	
	Survey date:	TUESDAY	08/05/90	Survey Type: MANUAL
<b>15</b>	<b>WM-03-B-01</b>	<b>SEMI DET./TERRACED</b>		<b>WEST MIDLANDS</b>
	YORKMINSTER DRIVE			
	CHELMSLEY WOOD			
	BIRMINGHAM			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:		97	
	Survey date:	MONDAY	17/10/11	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

<b>16</b>	<b>WO-03-B-01</b>	<b>TERRACED</b>	<b>WORCESTERSHIRE</b>
	KNOTTS AVENUE		
	LYPPARD HANFORD		
	WORCESTER		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	76	
	Survey date: FRIDAY	15/03/02	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 03 - RESIDENTIAL/B - HOUSES FOR RENT

**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	3	292	0.048	3	292	0.037	3	292	0.085
01:00 - 02:00	3	292	0.030	3	292	0.024	3	292	0.054
02:00 - 03:00	3	292	0.023	3	292	0.016	3	292	0.039
03:00 - 04:00	3	292	0.010	3	292	0.010	3	292	0.020
04:00 - 05:00	3	292	0.006	3	292	0.007	3	292	0.013
05:00 - 06:00	3	292	0.009	3	292	0.011	3	292	0.020
06:00 - 07:00	3	292	0.011	3	292	0.021	3	292	0.032
07:00 - 08:00	16	200	0.057	16	200	0.126	16	200	0.183
08:00 - 09:00	16	200	0.106	16	200	0.175	16	200	0.281
09:00 - 10:00	16	200	0.131	16	200	0.147	16	200	0.278
10:00 - 11:00	16	200	0.145	16	200	0.145	16	200	0.290
11:00 - 12:00	16	200	0.137	16	200	0.146	16	200	0.283
12:00 - 13:00	16	200	0.150	16	200	0.156	16	200	0.306
13:00 - 14:00	16	200	0.157	16	200	0.149	16	200	0.306
14:00 - 15:00	16	200	0.174	16	200	0.182	16	200	0.356
15:00 - 16:00	16	200	0.191	16	200	0.167	16	200	0.358
16:00 - 17:00	16	200	0.232	16	200	0.188	16	200	0.420
17:00 - 18:00	<b>16</b>	<b>200</b>	<b>0.256</b>	16	200	0.182	<b>16</b>	<b>200</b>	<b>0.438</b>
18:00 - 19:00	16	200	0.197	16	200	0.168	16	200	0.365
19:00 - 20:00	3	292	0.201	<b>3</b>	<b>292</b>	<b>0.200</b>	3	292	0.401
20:00 - 21:00	3	292	0.203	3	292	0.187	3	292	0.390
21:00 - 22:00	3	292	0.163	3	292	0.144	3	292	0.307
22:00 - 23:00	3	292	0.134	3	292	0.100	3	292	0.234
23:00 - 24:00	3	292	0.079	3	292	0.071	3	292	0.150
Total Rates:			2.850			2.759			5.609

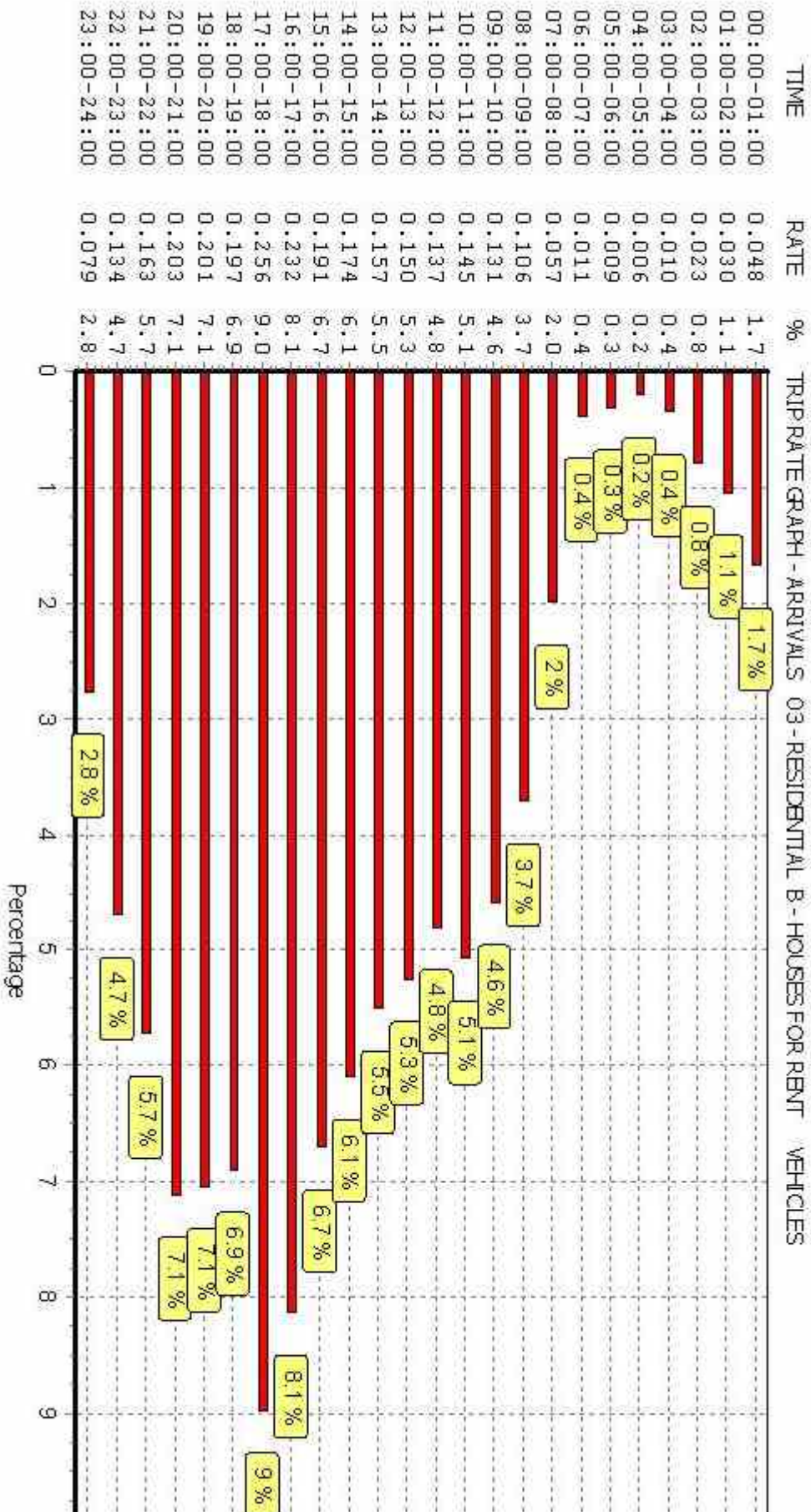
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

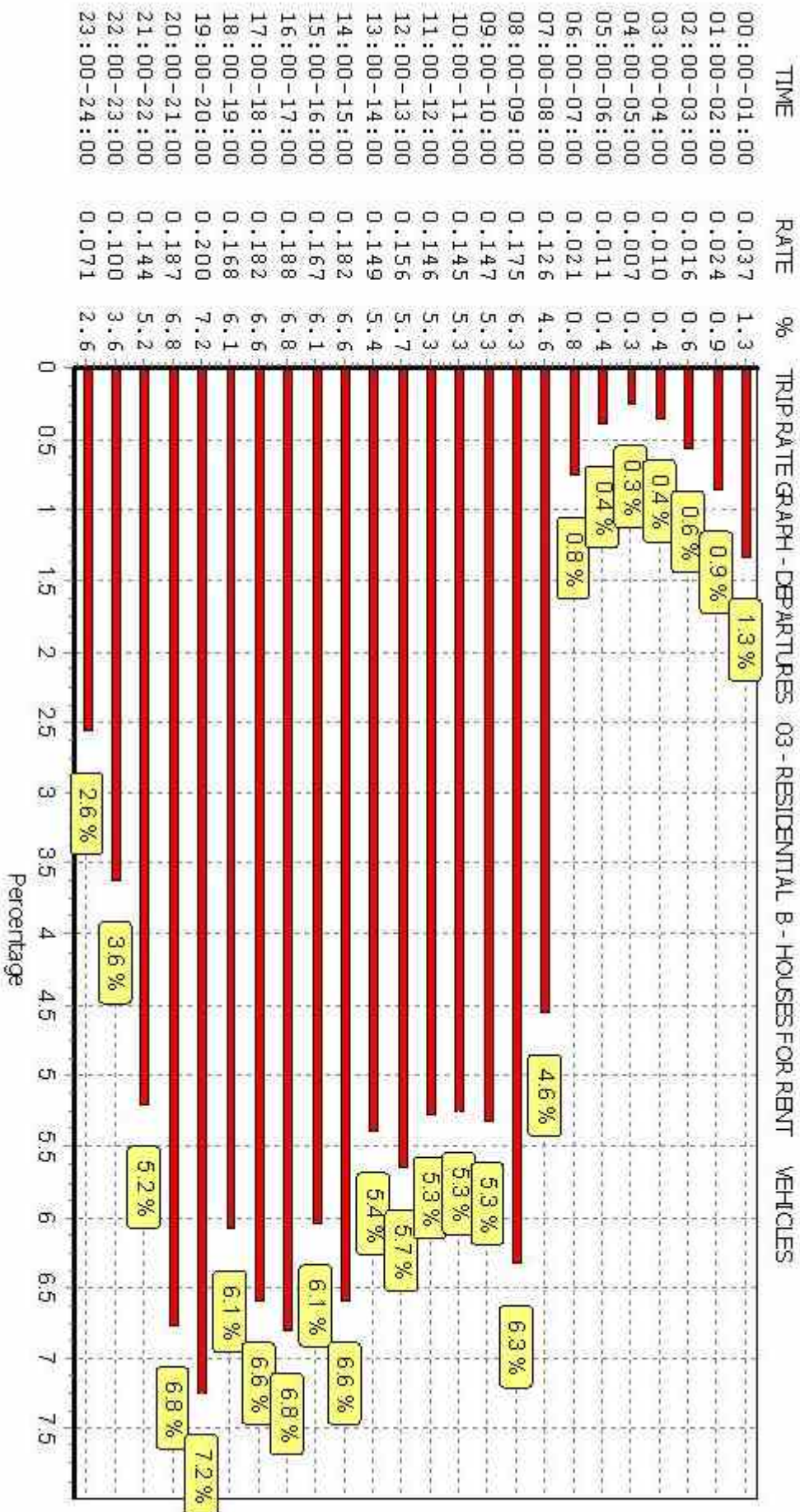
**Parameter summary**

Trip rate parameter range selected: 70 - 516 (units: )  
 Survey date range: 01/01/90 - 19/11/12  
 Number of weekdays (Monday-Friday): 24  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys manually removed from selection: 0

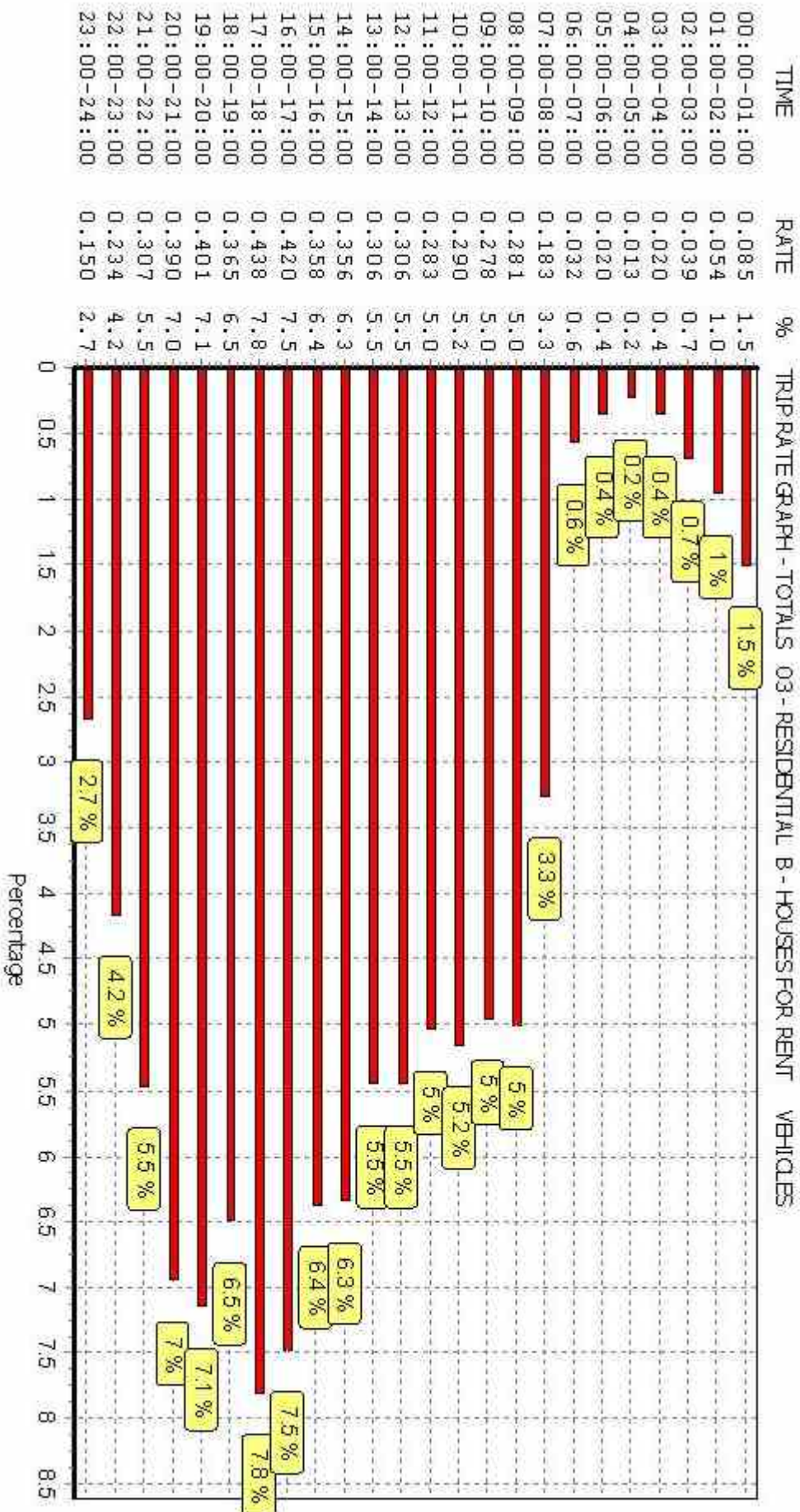
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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