

Appendix 14.2: TRCIS Output Files

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FD: 22/07/2025

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 296 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	156	138	0.073	21.675	156	138	0.279	82.720	156	138	0.352	104.395
08:00 - 09:00	156	138	0.146	43.241	156	138	0.367	108.651	156	138	0.513	151.892
09:00 - 10:00	156	138	0.133	39.260	156	138	0.163	48.128	156	138	0.296	87.388
10:00 - 11:00	156	138	0.117	34.565	156	138	0.138	40.907	156	138	0.255	75.472
11:00 - 12:00	156	138	0.126	37.393	156	138	0.135	39.891	156	138	0.261	77.284
12:00 - 13:00	156	138	0.146	43.145	156	138	0.143	42.348	156	138	0.289	85.493
13:00 - 14:00	156	138	0.150	44.284	156	138	0.144	42.541	156	138	0.294	86.825
14:00 - 15:00	156	138	0.157	46.467	156	138	0.174	51.408	156	138	0.331	97.875
15:00 - 16:00	156	138	0.244	72.233	156	138	0.169	49.940	156	138	0.413	122.173
16:00 - 17:00	156	138	0.266	78.849	156	138	0.159	46.947	156	138	0.425	125.796
17:00 - 18:00	156	138	0.333	98.493	156	138	0.161	47.798	156	138	0.494	146.291
18:00 - 19:00	156	138	0.265	78.410	156	138	0.149	44.133	156	138	0.414	122.543
19:00 - 20:00	1	97	0.062	18.309	1	97	0.052	15.258	1	97	0.114	33.567
20:00 - 21:00	1	97	0.031	9.155	1	97	0.021	6.103	1	97	0.052	15.258
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.249	665.479			2.254	666.773			4.503	1332.252

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:	6 - 1882 (units:)
Survey date date range:	01/01/16 - 18/09/24
Number of weekdays (Monday-Friday):	156
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	75
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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 33 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	156	138	0.073	2.417	156	138	0.279	9.222	156	138	0.352	11.639
08:00 - 09:00	156	138	0.146	4.821	156	138	0.367	12.113	156	138	0.513	16.934
09:00 - 10:00	156	138	0.133	4.377	156	138	0.163	5.366	156	138	0.296	9.743
10:00 - 11:00	156	138	0.117	3.854	156	138	0.138	4.561	156	138	0.255	8.415
11:00 - 12:00	156	138	0.126	4.169	156	138	0.135	4.447	156	138	0.261	8.616
12:00 - 13:00	156	138	0.146	4.810	156	138	0.143	4.721	156	138	0.289	9.531
13:00 - 14:00	156	138	0.150	4.937	156	138	0.144	4.743	156	138	0.294	9.680
14:00 - 15:00	156	138	0.157	5.180	156	138	0.174	5.731	156	138	0.331	10.911
15:00 - 16:00	156	138	0.244	8.053	156	138	0.169	5.568	156	138	0.413	13.621
16:00 - 17:00	156	138	0.266	8.791	156	138	0.159	5.234	156	138	0.425	14.025
17:00 - 18:00	156	138	0.333	10.981	156	138	0.161	5.329	156	138	0.494	16.310
18:00 - 19:00	156	138	0.265	8.742	156	138	0.149	4.920	156	138	0.414	13.662
19:00 - 20:00	1	97	0.062	2.041	1	97	0.052	1.701	1	97	0.114	3.742
20:00 - 21:00	1	97	0.031	1.021	1	97	0.021	0.680	1	97	0.052	1.701
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.249	74.194			2.254	74.336			4.503	148.530

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