

APPENDIX 13.2 TRICS

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

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 172 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	93	126	0.068	11.782	93	126	0.278	47.790	93	126	0.346	59.572
08:00 - 09:00	93	126	0.138	23.785	93	126	0.361	62.017	93	126	0.499	85.802
09:00 - 10:00	93	126	0.142	24.462	93	126	0.175	30.029	93	126	0.317	54.491
10:00 - 11:00	93	126	0.117	20.132	93	126	0.142	24.403	93	126	0.259	44.535
11:00 - 12:00	93	126	0.129	22.150	93	126	0.143	24.639	93	126	0.272	46.789
12:00 - 13:00	93	126	0.151	25.949	93	126	0.149	25.640	93	126	0.300	51.589
13:00 - 14:00	93	126	0.157	26.921	93	126	0.150	25.846	93	126	0.307	52.767
14:00 - 15:00	93	126	0.173	29.808	93	126	0.183	31.546	93	126	0.356	61.354
15:00 - 16:00	93	126	0.242	41.663	93	126	0.170	29.160	93	126	0.412	70.823
16:00 - 17:00	93	126	0.268	46.141	93	126	0.158	27.231	93	126	0.426	73.372
17:00 - 18:00	93	126	0.340	58.541	93	126	0.165	28.394	93	126	0.505	86.935
18:00 - 19:00	93	126	0.272	46.744	93	126	0.167	28.689	93	126	0.439	75.433
19:00 - 20:00	1	97	0.062	10.639	1	97	0.052	8.866	1	97	0.114	19.505
20:00 - 21:00	1	97	0.031	5.320	1	97	0.021	3.546	1	97	0.052	8.866
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.290	394.037			2.314	397.796			4.604	791.833

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.*

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected: 21 - 1882 (units:)
 Survey date date range: 01/01/13 - 20/10/20
 Number of weekdays (Monday-Friday): 93
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 15
 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.

TRIP RATE for Land Use 03 - RESIDENTIAL/K - MIXED PRIV HOUS (FLATS AND HOUSES)
VEHICLES

Calculation factor: 1 TOTBED

Estimated TRIP rate value per 474 TOTBED shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. TOTBED	Trip Rate	Estimated Trip Rate	No. Days	Ave. TOTBED	Trip Rate	Estimated Trip Rate	No. Days	Ave. TOTBED	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	23	163	0.022	10.474	23	163	0.082	38.869	23	163	0.104	49.343
08:00 - 09:00	23	163	0.040	18.804	23	163	0.118	55.906	23	163	0.158	74.710
09:00 - 10:00	23	163	0.047	22.085	23	163	0.060	28.268	23	163	0.107	50.353
10:00 - 11:00	23	163	0.044	20.949	23	163	0.057	27.133	23	163	0.101	48.082
11:00 - 12:00	23	163	0.047	22.337	23	163	0.048	22.589	23	163	0.095	44.926
12:00 - 13:00	23	163	0.058	27.637	23	163	0.054	25.618	23	163	0.112	53.255
13:00 - 14:00	23	163	0.062	29.530	23	163	0.058	27.637	23	163	0.120	57.167
14:00 - 15:00	23	163	0.050	23.473	23	163	0.061	29.026	23	163	0.111	52.499
15:00 - 16:00	23	163	0.069	32.559	23	163	0.048	22.716	23	163	0.117	55.275
16:00 - 17:00	23	163	0.076	36.219	23	163	0.057	27.006	23	163	0.133	63.225
17:00 - 18:00	23	163	0.103	48.586	23	163	0.055	26.123	23	163	0.158	74.709
18:00 - 19:00	23	163	0.085	40.131	23	163	0.055	25.871	23	163	0.140	66.002
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.703	332.784			0.753	356.762			1.456	689.546

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected:	26 - 388 (units:)
Survey date date range:	01/01/11 - 11/07/18
Number of weekdays (Monday-Friday):	23
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	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.

TRIP RATE for Land Use 05 - HEALTH/G - GP SURGERIES
VEHICLES

Calculation factor: 100 sqm

Estimated TRIP rate value per 94 SQM shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	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	30	671	0.820	0.771	30	671	0.214	0.201	30	671	1.034	0.972
08:00 - 09:00	32	656	3.062	2.878	32	656	1.533	1.441	32	656	4.595	4.319
09:00 - 10:00	32	656	3.719	3.496	32	656	3.067	2.883	32	656	6.786	6.379
10:00 - 11:00	32	656	3.734	3.510	32	656	3.805	3.577	32	656	7.539	7.087
11:00 - 12:00	32	656	3.057	2.874	32	656	3.424	3.219	32	656	6.481	6.093
12:00 - 13:00	32	656	2.367	2.225	32	656	3.019	2.838	32	656	5.386	5.063
13:00 - 14:00	32	656	1.857	1.746	32	656	1.834	1.723	32	656	3.691	3.469
14:00 - 15:00	32	656	3.300	3.102	32	656	2.776	2.610	32	656	6.076	5.712
15:00 - 16:00	32	656	3.091	2.905	32	656	3.138	2.950	32	656	6.229	5.855
16:00 - 17:00	32	656	2.538	2.386	32	656	2.943	2.767	32	656	5.481	5.153
17:00 - 18:00	32	656	1.257	1.182	32	656	2.129	2.001	32	656	3.386	3.183
18:00 - 19:00	30	669	0.264	0.248	30	669	1.021	0.960	30	669	1.285	1.208
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			29.066	27.323			28.903	27.170			57.969	54.493

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected:	200 - 1592 (units: sqm)
Survey date date range:	01/01/11 - 15/10/18
Number of weekdays (Monday-Friday):	32
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	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.

TRIP RATE for Land Use 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS
VEHICLES

Calculation factor: 100 sqm

Estimated TRIP rate value per 443.8 SQM shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	Trip Rate	Estimated Trip Rate	No. Days	Ave. GFA	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	1	540	1.296	5.753	1	540	1.296	5.753	1	540	2.592	11.506
07:00 - 08:00	19	782	4.043	17.941	19	782	3.625	16.090	19	782	7.668	34.031
08:00 - 09:00	19	782	4.661	20.687	19	782	4.318	19.165	19	782	8.979	39.852
09:00 - 10:00	19	782	5.912	26.239	19	782	5.105	22.657	19	782	11.017	48.896
10:00 - 11:00	19	782	5.798	25.732	19	782	5.321	23.612	19	782	11.119	49.344
11:00 - 12:00	19	782	6.141	27.254	19	782	6.316	28.030	19	782	12.457	55.284
12:00 - 13:00	19	782	7.796	34.598	19	782	7.433	32.986	19	782	15.229	67.584
13:00 - 14:00	19	782	6.847	30.389	19	782	6.861	30.448	19	782	13.708	60.837
14:00 - 15:00	19	782	6.303	27.971	19	782	6.599	29.284	19	782	12.902	57.255
15:00 - 16:00	19	782	6.081	26.986	19	782	6.249	27.732	19	782	12.330	54.718
16:00 - 17:00	19	782	6.915	30.687	19	782	6.531	28.986	19	782	13.446	59.673
17:00 - 18:00	19	782	6.874	30.508	19	782	7.345	32.598	19	782	14.219	63.106
18:00 - 19:00	19	782	6.679	29.642	19	782	6.989	31.016	19	782	13.668	60.658
19:00 - 20:00	17	838	6.158	27.329	17	838	6.249	27.734	17	838	12.407	55.063
20:00 - 21:00	17	838	4.796	21.283	17	838	5.238	23.246	17	838	10.034	44.529
21:00 - 22:00	15	870	3.680	16.331	15	870	4.132	18.339	15	870	7.812	34.670
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			89.980	399.330			89.607	397.676			179.587	797.006

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected:	260 - 1840 (units: sqm)
Survey date date range:	01/01/11 - 01/05/19
Number of weekdays (Monday-Friday):	19
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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.