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Tuesday 01/07/25 Page 1

SYSTRA Ltd 121 Edmund Street Birmingham Licence No: 700704

Calculation Reference: AUDIT-700704-250701-0709

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : M - MIXED PRIVATE/AFFORDABLE HOUSING MULTI - MODAL TOTAL VEHICLES

Selected regions and areas:
02 SOUTH EAST

EAST SUSSEX ES 2 days

06 WEST MIDLANDS

WARWICKSHIRE WK 1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

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Licence No: 700704

SYSTRA Ltd 121 Edmund Street Birmingham

Primary Filtering 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: No of Dwellings Actual Range: 354 to 544 (units:) Range Selected by User: 350 to 1412 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/16 to 28/03/22

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 1 days Wednesday 1 days Friday 1 days

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

Selected survey types:

Manual count 3 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 undertaking using machines.

3

Selected Locations:

Edge of Town

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 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.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included 1 days - Selected Servicing vehicles Excluded 3 days - Selected

Secondary Filtering selection:

Use Class:

C3 3 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

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SYSTRA Ltd 121 Edmund Street Birmingham

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000 1 days 10,001 to 15,000 2 days

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

Population within 5 miles:

50,001 to 75,000 3 days

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

Car ownership within 5 miles:

1.1 to 1.5 3 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:

Yes 1 days No 2 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.

PTAL Rating:

No PTAL Present 3 days

This data displays the number of selected surveys with PTAL Ratings.

SYSTRA Ltd 121 Edmund Street Birmingham Licence No: 700704

LIST OF SITES relevant to selection parameters

1 ES-03-M-11 MI XED HOUSES & FLATS EAST SUSSEX

HEMPSTEAD LANE

HAILSHAM

UPPER HORSEBRIDGE

Edge of Town Residential Zone

Total No of Dwellings:

Dwellings: 354

Survey date: WEDNESDAY 13/07/16 Survey Type: MANUAL

2 ES-03-M-21 MI XED HOUSES & FLATS EAST SUSSEX

NEW ROAD HAILSHAM HELLINGLY Edge of Town Residential Zone

Total No of Dwellings: 392

Survey date: MONDAY 28/03/22 Survey Type: MANUAL

3 WK-03-M-01 MI XED HOUSES & FLATS WARWI ČKSHI RE

BIRMINGHAM ROAD STRATFORD UPON AVON

Edge of Town Residential Zone

Total No of Dwellings: 395

Survey date: FRIDAY 29/06/18 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 SURVEYS

Site Ref	Survey Date	Reason for Deselection
WL-03-M-04	18/11/21	Covid

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL TOTAL VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.76

		ARRIVALS			DEPARTURES	,	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.082	3	380	0.258	3	380	0.340
08:00 - 09:00	3	380	0.124	3	380	0.316	3	380	0.440
09:00 - 10:00	3	380	0.115	3	380	0.167	3	380	0.282
10:00 - 11:00	3	380	0.114	3	380	0.128	3	380	0.242
11:00 - 12:00	3	380	0.147	3	380	0.132	3	380	0.279
12:00 - 13:00	3	380	0.149	3	380	0.138	3	380	0.287
13:00 - 14:00	3	380	0.145	3	380	0.160	3	380	0.305
14:00 - 15:00	3	380	0.151	3	380	0.148	3	380	0.299
15:00 - 16:00	3	380	0.238	3	380	0.167	3	380	0.405
16:00 - 17:00	3	380	0.273	3	380	0.152	3	380	0.425
17:00 - 18:00	3	380	0.285	3	380	0.188	3	380	0.473
18:00 - 19:00	3	380	0.261	3	380	0.148	3	380	0.409
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.084			2.102			4.186

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: 354 - 544 (units:)
Survey date date range: 01/01/16 - 28/03/22

Number of weekdays (Monday-Friday): 4
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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL TAXIS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS]	DEPARTURES	6	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.004	3	380	0.004	3	380	0.008
08:00 - 09:00	3	380	0.003	3	380	0.003	3	380	0.006
09:00 - 10:00	3	380	0.003	3	380	0.003	3	380	0.006
10:00 - 11:00	3	380	0.002	3	380	0.002	3	380	0.004
11:00 - 12:00	3	380	0.003	3	380	0.002	3	380	0.005
12:00 - 13:00	3	380	0.001	3	380	0.002	3	380	0.003
13:00 - 14:00	3	380	0.002	3	380	0.002	3	380	0.004
14:00 - 15:00	3	380	0.003	3	380	0.003	3	380	0.006
15:00 - 16:00	3	380	0.003	3	380	0.004	3	380	0.007
16:00 - 17:00	3	380	0.001	3	380	0.001	3	380	0.002
17:00 - 18:00	3	380	0.003	3	380	0.003	3	380	0.006
18:00 - 19:00	3	380	0.002	3	380	0.001	3	380	0.003
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.030			0.030			0.060

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL OGVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.001	3	380	0.001	3	380	0.002
08:00 - 09:00	3	380	0.004	3	380	0.003	3	380	0.007
09:00 - 10:00	3	380	0.003	3	380	0.004	3	380	0.007
10:00 - 11:00	3	380	0.004	3	380	0.003	3	380	0.007
11:00 - 12:00	3	380	0.004	3	380	0.004	3	380	0.008
12:00 - 13:00	3	380	0.001	3	380	0.003	3	380	0.004
13:00 - 14:00	3	380	0.001	3	380	0.001	3	380	0.002
14:00 - 15:00	3	380	0.000	3	380	0.000	3	380	0.000
15:00 - 16:00	3	380	0.002	3	380	0.001	3	380	0.003
16:00 - 17:00	3	380	0.001	3	380	0.002	3	380	0.003
17:00 - 18:00	3	380	0.003	3	380	0.003	3	380	0.006
18:00 - 19:00	3	380	0.000	3	380	0.000	3	380	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.024			0.025			0.049

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL CYCLISTS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

		ARRIVALS		I	DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.004	3	380	0.005	3	380	0.009
08:00 - 09:00	3	380	0.000	3	380	0.004	3	380	0.004
09:00 - 10:00	3	380	0.003	3	380	0.004	3	380	0.007
10:00 - 11:00	3	380	0.001	3	380	0.002	3	380	0.003
11:00 - 12:00	3	380	0.002	3	380	0.004	3	380	0.006
12:00 - 13:00	3	380	0.004	3	380	0.004	3	380	0.008
13:00 - 14:00	3	380	0.002	3	380	0.001	3	380	0.003
14:00 - 15:00	3	380	0.004	3	380	0.004	3	380	0.008
15:00 - 16:00	3	380	0.003	3	380	0.002	3	380	0.005
16:00 - 17:00	3	380	0.010	3	380	0.003	3	380	0.013
17:00 - 18:00	3	380	0.009	3	380	0.008	3	380	0.017
18:00 - 19:00	3	380	0.005	3	380	0.009	3	380	0.014
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.047			0.050			0.097

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.091	3	380	0.338	3	380	0.429
08:00 - 09:00	3	380	0.162	3	380	0.528	3	380	0.690
09:00 - 10:00	3	380	0.158	3	380	0.249	3	380	0.407
10:00 - 11:00	3	380	0.156	3	380	0.185	3	380	0.341
11:00 - 12:00	3	380	0.203	3	380	0.192	3	380	0.395
12:00 - 13:00	3	380	0.213	3	380	0.195	3	380	0.408
13:00 - 14:00	3	380	0.223	3	380	0.245	3	380	0.468
14:00 - 15:00	3	380	0.236	3	380	0.207	3	380	0.443
15:00 - 16:00	3	380	0.419	3	380	0.247	3	380	0.666
16:00 - 17:00	3	380	0.415	3	380	0.242	3	380	0.657
17:00 - 18:00	3	380	0.424	3	380	0.275	3	380	0.699
18:00 - 19:00	3	380	0.387	3	380	0.229	3	380	0.616
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.087			3.132			6.219

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL PEDESTRIANS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

		ARRIVALS			DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.008	3	380	0.015	3	380	0.023
08:00 - 09:00	3	380	0.018	3	380	0.111	3	380	0.129
09:00 - 10:00	3	380	0.023	3	380	0.016	3	380	0.039
10:00 - 11:00	3	380	0.013	3	380	0.018	3	380	0.031
11:00 - 12:00	3	380	0.017	3	380	0.024	3	380	0.041
12:00 - 13:00	3	380	0.032	3	380	0.027	3	380	0.059
13:00 - 14:00	3	380	0.029	3	380	0.026	3	380	0.055
14:00 - 15:00	3	380	0.026	3	380	0.019	3	380	0.045
15:00 - 16:00	3	380	0.083	3	380	0.048	3	380	0.131
16:00 - 17:00	3	380	0.039	3	380	0.029	3	380	0.068
17:00 - 18:00	3	380	0.032	3	380	0.024	3	380	0.056
18:00 - 19:00	3	380	0.025	3	380	0.020	3	380	0.045
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.345			0.377			0.722

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.004	3	380	0.018	3	380	0.022
08:00 - 09:00	3	380	0.004	3	380	0.012	3	380	0.016
09:00 - 10:00	3	380	0.010	3	380	0.011	3	380	0.021
10:00 - 11:00	3	380	0.010	3	380	0.015	3	380	0.025
11:00 - 12:00	3	380	0.010	3	380	0.016	3	380	0.026
12:00 - 13:00	3	380	0.011	3	380	0.016	3	380	0.027
13:00 - 14:00	3	380	0.011	3	380	0.013	3	380	0.024
14:00 - 15:00	3	380	0.024	3	380	0.014	3	380	0.038
15:00 - 16:00	3	380	0.025	3	380	0.011	3	380	0.036
16:00 - 17:00	3	380	0.028	3	380	0.022	3	380	0.050
17:00 - 18:00	3	380	0.011	3	380	0.011	3	380	0.022
18:00 - 19:00	3	380	0.015	3	380	0.010	3	380	0.025
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.163			0.169			0.332

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	5	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.004	3	380	0.018	3	380	0.022
08:00 - 09:00	3	380	0.004	3	380	0.012	3	380	0.016
09:00 - 10:00	3	380	0.010	3	380	0.011	3	380	0.021
10:00 - 11:00	3	380	0.010	3	380	0.015	3	380	0.025
11:00 - 12:00	3	380	0.010	3	380	0.016	3	380	0.026
12:00 - 13:00	3	380	0.011	3	380	0.016	3	380	0.027
13:00 - 14:00	3	380	0.011	3	380	0.013	3	380	0.024
14:00 - 15:00	3	380	0.024	3	380	0.014	3	380	0.038
15:00 - 16:00	3	380	0.025	3	380	0.011	3	380	0.036
16:00 - 17:00	3	380	0.028	3	380	0.022	3	380	0.050
17:00 - 18:00	3	380	0.011	3	380	0.011	3	380	0.022
18:00 - 19:00	3	380	0.015	3	380	0.010	3	380	0.025
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.163			0.169			0.332

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.76

		ARRIVALS		[DEPARTURES	,	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.106	3	380	0.377	3	380	0.483
08:00 - 09:00	3	380	0.183	3	380	0.656	3	380	0.839
09:00 - 10:00	3	380	0.193	3	380	0.280	3	380	0.473
10:00 - 11:00	3	380	0.180	3	380	0.219	3	380	0.399
11:00 - 12:00	3	380	0.231	3	380	0.236	3	380	0.467
12:00 - 13:00	3	380	0.260	3	380	0.243	3	380	0.503
13:00 - 14:00	3	380	0.265	3	380	0.285	3	380	0.550
14:00 - 15:00	3	380	0.289	3	380	0.245	3	380	0.534
15:00 - 16:00	3	380	0.529	3	380	0.309	3	380	0.838
16:00 - 17:00	3	380	0.493	3	380	0.295	3	380	0.788
17:00 - 18:00	3	380	0.475	3	380	0.318	3	380	0.793
18:00 - 19:00	3	380	0.432	3	380	0.267	3	380	0.699
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.636			3.730			7.366

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL CARS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES		TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.063	3	380	0.207	3	380	0.270
08:00 - 09:00	3	380	0.094	3	380	0.273	3	380	0.367
09:00 - 10:00	3	380	0.094	3	380	0.137	3	380	0.231
10:00 - 11:00	3	380	0.085	3	380	0.102	3	380	0.187
11:00 - 12:00	3	380	0.114	3	380	0.106	3	380	0.220
12:00 - 13:00	3	380	0.126	3	380	0.110	3	380	0.236
13:00 - 14:00	3	380	0.120	3	380	0.135	3	380	0.255
14:00 - 15:00	3	380	0.129	3	380	0.124	3	380	0.253
15:00 - 16:00	3	380	0.206	3	380	0.138	3	380	0.344
16:00 - 17:00	3	380	0.225	3	380	0.133	3	380	0.358
17:00 - 18:00	3	380	0.243	3	380	0.166	3	380	0.409
18:00 - 19:00	3	380	0.235	3	380	0.132	3	380	0.367
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.734			1.763			3.497

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL LGVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES	3	TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.014	3	380	0.046	3	380	0.060
08:00 - 09:00	3	380	0.023	3	380	0.036	3	380	0.059
09:00 - 10:00	3	380	0.015	3	380	0.022	3	380	0.037
10:00 - 11:00	3	380	0.023	3	380	0.021	3	380	0.044
11:00 - 12:00	3	380	0.027	3	380	0.021	3	380	0.048
12:00 - 13:00	3	380	0.021	3	380	0.025	3	380	0.046
13:00 - 14:00	3	380	0.021	3	380	0.022	3	380	0.043
14:00 - 15:00	3	380	0.019	3	380	0.021	3	380	0.040
15:00 - 16:00	3	380	0.026	3	380	0.023	3	380	0.049
16:00 - 17:00	3	380	0.044	3	380	0.017	3	380	0.061
17:00 - 18:00	3	380	0.036	3	380	0.018	3	380	0.054
18:00 - 19:00	3	380	0.023	3	380	0.014	3	380	0.037
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.292			0.286			0.578

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.

SYSTRA Ltd 121 Edmund Street Birmingham

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

MULTI-MODAL MOTOR CYCLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	3	380	0.000	3	380	0.001	3	380	0.001
08:00 - 09:00	3	380	0.001	3	380	0.001	3	380	0.002
09:00 - 10:00	3	380	0.001	3	380	0.002	3	380	0.003
10:00 - 11:00	3	380	0.000	3	380	0.001	3	380	0.001
11:00 - 12:00	3	380	0.000	3	380	0.000	3	380	0.000
12:00 - 13:00	3	380	0.000	3	380	0.000	3	380	0.000
13:00 - 14:00	3	380	0.001	3	380	0.000	3	380	0.001
14:00 - 15:00	3	380	0.000	3	380	0.000	3	380	0.000
15:00 - 16:00	3	380	0.001	3	380	0.002	3	380	0.003
16:00 - 17:00	3	380	0.002	3	380	0.000	3	380	0.002
17:00 - 18:00	3	380	0.001	3	380	0.000	3	380	0.001
18:00 - 19:00	3	380	0.002	3	380	0.001	3	380	0.003
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.009			0.008			0.017

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.