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Page 1 SYSTRA Ltd 121 Edmund Street Birmingham Licence No: 700704

Calculation Reference: AUDIT-700704-240430-0444

Tuesday 30/04/24

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

: K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL TOTAL VEHICLES

# Selected regions and areas: 02 SOUTH EAST

SOUTH EAST

EAST SUSSEX ES 1 days НС HAMPSHIRE 2 days HF HERTFORDSHIRE 2 days WS WEST SUSSEX 2 days

03 SOUTH WEST

CORNWALL CW 1 days

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

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Tuesday 30/04/24 Page 2

Licence No: 700704

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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: 64 to 336 (units: ) Range Selected by User: 15 to 350 (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 05/07/23

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:

Tuesday 1 days Wednesday 2 days Thursday 5 days

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

Selected survey types:

Manual count 8 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.

Selected Locations:

Edge of Town 6
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 6 Village 2

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 13 days - Selected

Secondary Filtering selection:

Use Class:

C3 8 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

SYSTRA Ltd 121 Edmund Street Birmingham

Secondary Filtering selection (Cont.):

#### Population within 1 mile:

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

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

### Population within 5 miles:

25,001 to 50,000	1 days
50,001 to 75,000	2 days
100,001 to 125,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	2 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	7 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:

Yes	6 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 8 days

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

Tuesday 30/04/24 Page 4

SYSTRA Ltd 121 Edmund Street Birmingham Licence No: 700704

LIST OF SITES relevant to selection parameters

1 CW-03-K-01 MIXED HOUSES & FLATS CORNWALL

TRELOWEN DRIVE

PENRYN

Edge of Town Residential Zone

Total No of Dwellings: 89

Survey date: THURSDAY 28/03/19 Survey Type: MANUAL

ES-03-K-01 MI XED HOUSES & FLATS EAST SUSSEX

LEWES ROAD UCKFIELD RIDGEWOOD Edge of Town Residential Zone

Total No of Dwellings: 64

Survey date: THURSDAY 14/07/16 Survey Type: MANUAL

3 HC-03-K-02 MIXED HOUSES & FLATS HAMPSHIRE

DAIRY ROAD ANDOVER

Edge of Town Residential Zone

Total No of Dwellings: 270

Survey date: TUESDAY 11/10/22 Survey Type: MANUAL

4 HC-03-K-07 MI XED HOUSES & FLATS HAMPSHÎ RÊ

MINLEY ROAD FARNBOROUGH BLACKWATER Edge of Town Residential Zone

Total No of Dwellings: 313

Survey date: THURSDAY 12/05/22 Survey Type: MANUAL

5 HF-03-K-05 MI XED HOUSES & FLATS HERTFORDSHI RE

FRYTHE AVENUE

WELWYN

Neighbourhood Centre (PPS6 Local Centre)

Village

Total No of Dwellings: 203

Survey date: WEDNESDAY 02/11/22 Survey Type: MANUAL

6 HF-03-K-06 MI XED HOUSES & FLATS HERTFORDSHIRE

THE KESTRELS BRICKET WOOD

Neighbourhood Centre (PPS6 Local Centre)

Village

Total No of Dwellings: 100

Survey date: THURSDAY 29/06/23 Survey Type: MANUAL

7 WS-03-K-01 MIXED HOUSES & FLATS WEST SUSSEX

SHOPWHYKE ROAD CHICHESTER

Edge of Town Residential Zone

Total No of Dwellings: 336

Survey date: WEDNESDAY 05/07/23 Survey Type: MANUAL

Tuesday 30/04/24 Page 5

SYSTRA Ltd 121 Edmund Street Birmingham Licence No: 700704

## LIST OF SITES relevant to selection parameters (Cont.)

8 WS-03-K-03 MI XED HOUSES & FLATS WEST SUSSEX

LITTLEHAMPTON ROAD WORTHING WEST DURRINGTON Edge of Town Residential Zone

Total No of Dwellings: 111

Survey date: THURSDAY 12/05/16 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
BL-03-K-01	17/05/21	Covid
SC-03-K-01	22/06/21	Covid
WS-03-K-05	30/06/21	Covid

SYSTRA Ltd 121 Edmund Street Birmingham

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

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): 1.66

		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	8	186	0.108	8	186	0.324	8	186	0.432
08:00 - 09:00	8	186	0.184	8	186	0.378	8	186	0.562
09:00 - 10:00	8	186	0.155	8	186	0.184	8	186	0.339
10:00 - 11:00	8	186	0.166	8	186	0.182	8	186	0.348
11:00 - 12:00	8	186	0.129	8	186	0.157	8	186	0.286
12:00 - 13:00	8	186	0.190	8	186	0.160	8	186	0.350
13:00 - 14:00	8	186	0.174	8	186	0.166	8	186	0.340
14:00 - 15:00	8	186	0.162	8	186	0.215	8	186	0.377
15:00 - 16:00	8	186	0.328	8	186	0.201	8	186	0.529
16:00 - 17:00	8	186	0.295	8	186	0.217	8	186	0.512
17:00 - 18:00	8	186	0.343	8	186	0.200	8	186	0.543
18:00 - 19:00	8	186	0.321	8	186	0.211	8	186	0.532
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.555			2.595			5.150

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: 64 - 336 (units: )
Survey date date range: 01/01/16 - 05/07/23

Number of weekdays (Monday-Friday): 11
Number of Saturdays: 0
Number of Sundays: 0
Surveys automatically removed from selection: 6
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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL TAXIS

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	8	186	0.003	8	186	0.005	8	186	0.008
08:00 - 09:00	8	186	0.003	8	186	0.003	8	186	0.006
09:00 - 10:00	8	186	0.002	8	186	0.002	8	186	0.004
10:00 - 11:00	8	186	0.002	8	186	0.002	8	186	0.004
11:00 - 12:00	8	186	0.001	8	186	0.002	8	186	0.003
12:00 - 13:00	8	186	0.003	8	186	0.002	8	186	0.005
13:00 - 14:00	8	186	0.002	8	186	0.002	8	186	0.004
14:00 - 15:00	8	186	0.003	8	186	0.003	8	186	0.006
15:00 - 16:00	8	186	0.004	8	186	0.004	8	186	0.008
16:00 - 17:00	8	186	0.002	8	186	0.002	8	186	0.004
17:00 - 18:00	8	186	0.001	8	186	0.001	8	186	0.002
18:00 - 19:00	8	186	0.002	8	186	0.002	8	186	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.028			0.030			0.058

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL OGVS

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	8	186	0.002	8	186	0.001	8	186	0.003
08:00 - 09:00	8	186	0.001	8	186	0.001	8	186	0.002
09:00 - 10:00	8	186	0.001	8	186	0.001	8	186	0.002
10:00 - 11:00	8	186	0.007	8	186	0.005	8	186	0.012
11:00 - 12:00	8	186	0.001	8	186	0.003	8	186	0.004
12:00 - 13:00	8	186	0.002	8	186	0.001	8	186	0.003
13:00 - 14:00	8	186	0.002	8	186	0.003	8	186	0.005
14:00 - 15:00	8	186	0.002	8	186	0.003	8	186	0.005
15:00 - 16:00	8	186	0.001	8	186	0.001	8	186	0.002
16:00 - 17:00	8	186	0.001	8	186	0.001	8	186	0.002
17:00 - 18:00	8	186	0.000	8	186	0.000	8	186	0.000
18:00 - 19:00	8	186	0.000	8	186	0.000	8	186	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.020			0.020			0.040

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL PSVS

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	8	186	0.003	8	186	0.003	8	186	0.006
08:00 - 09:00	8	186	0.003	8	186	0.003	8	186	0.006
09:00 - 10:00	8	186	0.003	8	186	0.003	8	186	0.006
10:00 - 11:00	8	186	0.004	8	186	0.004	8	186	0.008
11:00 - 12:00	8	186	0.003	8	186	0.003	8	186	0.006
12:00 - 13:00	8	186	0.004	8	186	0.004	8	186	0.008
13:00 - 14:00	8	186	0.003	8	186	0.003	8	186	0.006
14:00 - 15:00	8	186	0.003	8	186	0.003	8	186	0.006
15:00 - 16:00	8	186	0.004	8	186	0.004	8	186	0.008
16:00 - 17:00	8	186	0.003	8	186	0.003	8	186	0.006
17:00 - 18:00	8	186	0.003	8	186	0.003	8	186	0.006
18:00 - 19:00	8	186	0.004	8	186	0.004	8	186	0.008
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.040			0.040			0.080

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

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	8	186	0.003	8	186	0.009	8	186	0.012	
08:00 - 09:00	8	186	0.005	8	186	0.017	8	186	0.022	
09:00 - 10:00	8	186	0.001	8	186	0.005	8	186	0.006	
10:00 - 11:00	8	186	0.001	8	186	0.003	8	186	0.004	
11:00 - 12:00	8	186	0.003	8	186	0.001	8	186	0.004	
12:00 - 13:00	8	186	0.004	8	186	0.007	8	186	0.011	
13:00 - 14:00	8	186	0.005	8	186	0.003	8	186	0.008	
14:00 - 15:00	8	186	0.002	8	186	0.004	8	186	0.006	
15:00 - 16:00	8	186	0.013	8	186	0.010	8	186	0.023	
16:00 - 17:00	8	186	0.009	8	186	0.003	8	186	0.012	
17:00 - 18:00	8	186	0.012	8	186	0.005	8	186	0.017	
18:00 - 19:00	8	186	0.009	8	186	0.004	8	186	0.013	
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			0.067			0.071			0.138	

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL VEHICLE OCCUPANTS

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	8	186	0.117	8	186	0.431	8	186	0.548
08:00 - 09:00	8	186	0.221	8	186	0.609	8	186	0.830
09:00 - 10:00	8	186	0.186	8	186	0.243	8	186	0.429
10:00 - 11:00	8	186	0.199	8	186	0.236	8	186	0.435
11:00 - 12:00	8	186	0.165	8	186	0.198	8	186	0.363
12:00 - 13:00	8	186	0.237	8	186	0.201	8	186	0.438
13:00 - 14:00	8	186	0.216	8	186	0.207	8	186	0.423
14:00 - 15:00	8	186	0.199	8	186	0.258	8	186	0.457
15:00 - 16:00	8	186	0.543	8	186	0.253	8	186	0.796
16:00 - 17:00	8	186	0.436	8	186	0.283	8	186	0.719
17:00 - 18:00	8	186	0.472	8	186	0.255	8	186	0.727
18:00 - 19:00	8	186	0.441	8	186	0.289	8	186	0.730
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.432			3.463			6.895

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL PEDESTRIANS
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	8	186	0.033	8	186	0.064	8	186	0.097	
08:00 - 09:00	8	186	0.067	8	186	0.165	8	186	0.232	
09:00 - 10:00	8	186	0.024	8	186	0.034	8	186	0.058	
10:00 - 11:00	8	186	0.019	8	186	0.033	8	186	0.052	
11:00 - 12:00	8	186	0.024	8	186	0.036	8	186	0.060	
12:00 - 13:00	8	186	0.044	8	186	0.032	8	186	0.076	
13:00 - 14:00	8	186	0.040	8	186	0.046	8	186	0.086	
14:00 - 15:00	8	186	0.022	8	186	0.048	8	186	0.070	
15:00 - 16:00	8	186	0.145	8	186	0.083	8	186	0.228	
16:00 - 17:00	8	186	0.057	8	186	0.030	8	186	0.087	
17:00 - 18:00	8	186	0.106	8	186	0.046	8	186	0.152	
18:00 - 19:00	8	186	0.069	8	186	0.035	8	186	0.104	
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			0.650			0.652			1.302	

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL BUS/TRAM PASSENGERS

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	8	186	0.001	8	186	0.013	8	186	0.014
08:00 - 09:00	8	186	0.003	8	186	0.018	8	186	0.021
09:00 - 10:00	8	186	0.001	8	186	0.006	8	186	0.007
10:00 - 11:00	8	186	0.002	8	186	0.010	8	186	0.012
11:00 - 12:00	8	186	0.003	8	186	0.005	8	186	0.008
12:00 - 13:00	8	186	0.005	8	186	0.007	8	186	0.012
13:00 - 14:00	8	186	0.009	8	186	0.012	8	186	0.021
14:00 - 15:00	8	186	0.007	8	186	0.005	8	186	0.012
15:00 - 16:00	8	186	0.011	8	186	0.004	8	186	0.015
16:00 - 17:00	8	186	0.015	8	186	0.005	8	186	0.020
17:00 - 18:00	8	186	0.017	8	186	0.003	8	186	0.020
18:00 - 19:00	8	186	0.017	8	186	0.005	8	186	0.022
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.091			0.093			0.184

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL TOTAL RAIL 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	8	186	0.000	8	186	0.005	8	186	0.005
08:00 - 09:00	8	186	0.000	8	186	0.007	8	186	0.007
09:00 - 10:00	8	186	0.000	8	186	0.002	8	186	0.002
10:00 - 11:00	8	186	0.001	8	186	0.001	8	186	0.002
11:00 - 12:00	8	186	0.000	8	186	0.000	8	186	0.000
12:00 - 13:00	8	186	0.001	8	186	0.001	8	186	0.002
13:00 - 14:00	8	186	0.001	8	186	0.002	8	186	0.003
14:00 - 15:00	8	186	0.001	8	186	0.000	8	186	0.001
15:00 - 16:00	8	186	0.001	8	186	0.000	8	186	0.001
16:00 - 17:00	8	186	0.001	8	186	0.000	8	186	0.001
17:00 - 18:00	8	186	0.003	8	186	0.001	8	186	0.004
18:00 - 19:00	8	186	0.002	8	186	0.000	8	186	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.011			0.019			0.030

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL COACH PASSENGERS

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	8	186	0.000	8	186	0.000	8	186	0.000
08:00 - 09:00	8	186	0.000	8	186	0.000	8	186	0.000
09:00 - 10:00	8	186	0.000	8	186	0.000	8	186	0.000
10:00 - 11:00	8	186	0.000	8	186	0.000	8	186	0.000
11:00 - 12:00	8	186	0.000	8	186	0.000	8	186	0.000
12:00 - 13:00	8	186	0.000	8	186	0.000	8	186	0.000
13:00 - 14:00	8	186	0.000	8	186	0.000	8	186	0.000
14:00 - 15:00	8	186	0.000	8	186	0.000	8	186	0.000
15:00 - 16:00	8	186	0.001	8	186	0.000	8	186	0.001
16:00 - 17:00	8	186	0.000	8	186	0.000	8	186	0.000
17:00 - 18:00	8	186	0.000	8	186	0.000	8	186	0.000
18:00 - 19:00	8	186	0.000	8	186	0.000	8	186	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.001			0.000			0.001

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL PUBLIC TRANSPORT USERS

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	8	186	0.001	8	186	0.019	8	186	0.020
08:00 - 09:00	8	186	0.003	8	186	0.025	8	186	0.028
09:00 - 10:00	8	186	0.001	8	186	0.008	8	186	0.009
10:00 - 11:00	8	186	0.003	8	186	0.011	8	186	0.014
11:00 - 12:00	8	186	0.003	8	186	0.005	8	186	0.008
12:00 - 13:00	8	186	0.007	8	186	0.008	8	186	0.015
13:00 - 14:00	8	186	0.009	8	186	0.014	8	186	0.023
14:00 - 15:00	8	186	0.008	8	186	0.005	8	186	0.013
15:00 - 16:00	8	186	0.012	8	186	0.004	8	186	0.016
16:00 - 17:00	8	186	0.016	8	186	0.005	8	186	0.021
17:00 - 18:00	8	186	0.020	8	186	0.004	8	186	0.024
18:00 - 19:00	8	186	0.019	8	186	0.005	8	186	0.024
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.102			0.113			0.215

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

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): 1.66

	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	8	186	0.154	8	186	0.523	8	186	0.677	
08:00 - 09:00	8	186	0.295	8	186	0.816	8	186	1.111	
09:00 - 10:00	8	186	0.212	8	186	0.290	8	186	0.502	
10:00 - 11:00	8	186	0.222	8	186	0.284	8	186	0.506	
11:00 - 12:00	8	186	0.194	8	186	0.240	8	186	0.434	
12:00 - 13:00	8	186	0.292	8	186	0.247	8	186	0.539	
13:00 - 14:00	8	186	0.270	8	186	0.269	8	186	0.539	
14:00 - 15:00	8	186	0.231	8	186	0.315	8	186	0.546	
15:00 - 16:00	8	186	0.713	8	186	0.350	8	186	1.063	
16:00 - 17:00	8	186	0.519	8	186	0.321	8	186	0.840	
17:00 - 18:00	8	186	0.610	8	186	0.310	8	186	0.920	
18:00 - 19:00	8	186	0.538	8	186	0.332	8	186	0.870	
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			4.250			4.297			8.547	

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

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	8	186	0.084	8	186	0.268	8	186	0.352
08:00 - 09:00	8	186	0.155	8	186	0.343	8	186	0.498
09:00 - 10:00	8	186	0.122	8	186	0.151	8	186	0.273
10:00 - 11:00	8	186	0.127	8	186	0.144	8	186	0.271
11:00 - 12:00	8	186	0.105	8	186	0.122	8	186	0.227
12:00 - 13:00	8	186	0.149	8	186	0.131	8	186	0.280
13:00 - 14:00	8	186	0.133	8	186	0.133	8	186	0.266
14:00 - 15:00	8	186	0.133	8	186	0.174	8	186	0.307
15:00 - 16:00	8	186	0.277	8	186	0.159	8	186	0.436
16:00 - 17:00	8	186	0.247	8	186	0.184	8	186	0.431
17:00 - 18:00	8	186	0.299	8	186	0.175	8	186	0.474
18:00 - 19:00	8	186	0.293	8	186	0.189	8	186	0.482
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.124			2.173			4.297

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

MULTI-MODAL LGVS

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	8	186	0.015	8	186	0.043	8	186	0.058
08:00 - 09:00	8	186	0.021	8	186	0.024	8	186	0.045
09:00 - 10:00	8	186	0.026	8	186	0.026	8	186	0.052
10:00 - 11:00	8	186	0.025	8	186	0.025	8	186	0.050
11:00 - 12:00	8	186	0.018	8	186	0.026	8	186	0.044
12:00 - 13:00	8	186	0.032	8	186	0.020	8	186	0.052
13:00 - 14:00	8	186	0.032	8	186	0.024	8	186	0.056
14:00 - 15:00	8	186	0.020	8	186	0.031	8	186	0.051
15:00 - 16:00	8	186	0.040	8	186	0.031	8	186	0.071
16:00 - 17:00	8	186	0.038	8	186	0.026	8	186	0.064
17:00 - 18:00	8	186	0.034	8	186	0.019	8	186	0.053
18:00 - 19:00	8	186	0.021	8	186	0.015	8	186	0.036
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.322			0.310			0.632

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/K - MIXED PRIV HOUS (FLATS AND HOUSES)

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	8	186	0.001	8	186	0.004	8	186	0.005
08:00 - 09:00	8	186	0.001	8	186	0.003	8	186	0.004
09:00 - 10:00	8	186	0.001	8	186	0.001	8	186	0.002
10:00 - 11:00	8	186	0.001	8	186	0.002	8	186	0.003
11:00 - 12:00	8	186	0.000	8	186	0.001	8	186	0.001
12:00 - 13:00	8	186	0.001	8	186	0.002	8	186	0.003
13:00 - 14:00	8	186	0.002	8	186	0.001	8	186	0.003
14:00 - 15:00	8	186	0.001	8	186	0.001	8	186	0.002
15:00 - 16:00	8	186	0.002	8	186	0.001	8	186	0.003
16:00 - 17:00	8	186	0.003	8	186	0.001	8	186	0.004
17:00 - 18:00	8	186	0.007	8	186	0.002	8	186	0.009
18:00 - 19:00	8	186	0.001	8	186	0.001	8	186	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.021			0.020			0.041

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.