

# Appendix Q

Q - TRICS TRIP RATE REVIEW



## TRICS Residential Trip Rate Analysis

DH-03-A-02 - LEAZES LANE, BISHOP AUCKLAND, ST HELEN AUCKLAND – 125 dwellings

Summary: No on-site facilities - included



DS-03-A-02 - RADBOURNE LANE DERBY – 371 dwellings

Summary: Co-op foodstore on site - excluded



DV-03-A-02 - MILLHEAD ROAD HONITON - Highfield and Millers Way – 116 dwellings

Summary: No on-site facilities - included



ES-03-A-03 - SHEPHAM LANE POLEGATE – 212 dwellings

Summary: No on-site facilities - included



ES-03-A-04 - NEW LYDD ROAD CAMBER – 134 dwellings

Summary: No on-site facilities - included



ES-03-A-05 - RATTLE ROAD NEAR EASTBOURNE STONE CROSS – 99 dwellings

Summary: No on-site facilities - included



HF-03-A-03 - HARE STREET ROAD BUNTINGFORD – 160 dwellings

Summary: No on-site facilities - included



KC-03-A-04 - KILN BARN ROAD AYLESFORD DITTON – 110 dwellings

Summary: No on-site facilities - included



KC-03-A-06 - MARGATE ROAD HERNE BAY – 363 dwellings

Summary: No on-site facilities but pub and hotel located adjacent to site - included



KC-03-A-07 - RECULVER ROAD HERNE BAY – 288 dwellings

Summary: No on-site facilities but GP surgery opposite - included



KC-03-A-08 - MAIDSTONE ROAD CHARING – 159 dwellings

Summary: No on-site facilities but primary school located opposite - included



NE-03-A-02 - HANOVER WALK SCUNTHORPE – 432 dwelling

Summary: No on-site facilities - included



NE-03-A-03 - STATION ROAD SCUNTHORPE – 180 dwellings

Summary: No on-site facilities, Asda supermarket located opposite site - included



NF-03-A-06 - BEAUFORT WAY GREAT YARMOUTH BRADWELL – 275 dwellings

Summary: No on-site facilities. - included



NF-03-A-08 - SIR ALFRED MUNNINGS RD NEAR NORWICH COSTESSEY – 1817 dwelling

Summary: Primary School and community centre located on site - excluded



NF-03-A-09 - ROUND HOUSE WAY NORWICH CRINGLEFORD – 984 dwellings

Summary: Primary School, local shop and community centre located on site - excluded



NY-03-A-06 - HORSEFAIR BOROUGHBRIDGE – 115 dwellings

Summary: No on-site facilities - included



SC-03-A-05 REIGATE ROAD HORLEY – 207 dwellings

Summary: No on-site facilities - included



ST-03-A-07 - BEACONSIDE STAFFORD MARSTON GATE – 248 dwellings

Summary: No on-site facilities - included



WS-03-A-04 - HILLS FARM LANE HORSHAM BROADBRIDGE HEATH – 151 dwellings

Summary: No on-site facilities at the time of the survey (2014) albeit the site is adjacent to a school and Tesco supermarket - included



WS-03-A-08 - ROUNDSTONE LANE ANGMERING – 180 dwellings

Summary: No on-site facilities - included



WS-03-A-09 - LITTLEHAMPTON ROAD WORTHING WEST DURRINGTON – 197 dwellings

Summary: No on-site facilities, care home located on site but trips are stated as being excluded- included



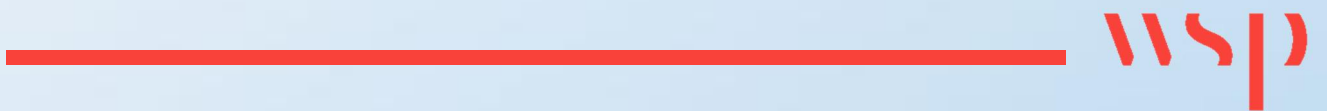
WS-03-A-11 - ELLIS ROAD WEST HORSHAM S BROADBRIDGE HEATH – 918 dwellings

Summary: Whilst the site does now contain a primary school and neighbourhood centre at the time of the survey(April 2019) these land uses were not active – included



# Appendix R

R - TRICS DATA



Calculation Reference: AUDIT-100301-200131-0100

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 04 - EDUCATION  
 Category : B - SECONDARY  
 MULTI-MODAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	DV DEVON	1 days
	NS NORTH SOMERSET	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NE NORTH EAST LINCOLNSHIRE	1 days
	NY NORTH YORKSHIRE	1 days

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

## Secondary 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: Number of pupils  
 Actual Range: 520 to 900 (units: )  
 Range Selected by User: 520 to 1913 (units: )

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/11 to 02/04/19

*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
Tuesday	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	4 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 undertaken using machines.*

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	2
Edge of Town	1

*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	4
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*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.*

## Secondary Filtering selection:

Use Class:

D1	4 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®.*

## Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	1 days
15,001 to 20,000	1 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	2 days
75,001 to 100,000	1 days
125,001 to 250,000	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	2 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	1 days
No	3 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	4 days
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*This data displays the number of selected surveys with PTAL Ratings.*

LIST OF SITES relevant to selection parameters

1	DV-04-B-04	SECONDARY ACADEMY	DEVON
	EARL RICHARD' RD SOUTH		
	EXETER		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of pupils:	835	
	Survey date: TUESDAY	02/04/19	Survey Type: MANUAL
2	NE-04-B-01	SECONDARY SCHOOL	NORTH EAST LINCOLNSHIRE
	FOXHILLS ROAD		
	SCUNTHORPE		
	Edge of Town		
	Residential Zone		
	Total Number of pupils:	520	
	Survey date: MONDAY	19/05/14	Survey Type: MANUAL
3	NS-04-B-01	SECONDARY SCHOOL	NORTH SOMERSET
	MIZZYMEAD ROAD		
	NAILSEA		
	Edge of Town Centre		
	Residential Zone		
	Total Number of pupils:	900	
	Survey date: WEDNESDAY	03/10/18	Survey Type: MANUAL
4	NY-04-B-03	GIRLS' HIGH SCHOOL	NORTH YORKSHIRE
	GARGRAVE ROAD		
	SKIPTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of pupils:	800	
	Survey date: FRIDAY	08/03/19	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 04 - EDUCATION/B - SECONDARY

MULTI-MODAL OGVS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	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	4	764	0.000	4	764	0.000	4	764	0.000
08:00 - 09:00	4	764	0.001	4	764	0.001	4	764	0.002
09:00 - 10:00	4	764	0.000	4	764	0.000	4	764	0.000
10:00 - 11:00	4	764	0.001	4	764	0.000	4	764	0.001
11:00 - 12:00	4	764	0.001	4	764	0.000	4	764	0.001
12:00 - 13:00	4	764	0.000	4	764	0.001	4	764	0.001
13:00 - 14:00	4	764	0.000	4	764	0.000	4	764	0.000
14:00 - 15:00	4	764	0.000	4	764	0.001	4	764	0.001
15:00 - 16:00	4	764	0.000	4	764	0.000	4	764	0.000
16:00 - 17:00	4	764	0.000	4	764	0.000	4	764	0.000
17:00 - 18:00	4	764	0.000	4	764	0.000	4	764	0.000
18:00 - 19:00	3	845	0.000	3	845	0.000	3	845	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.003			0.003			0.006

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.

TRIP RATE for Land Use 04 - EDUCATION/B - SECONDARY

MULTI-MODAL LGVS

Calculation factor: 1 PUPILS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	Trip Rate	No. Days	Ave. PUPILS	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	4	764	0.001	4	764	0.000	4	764	0.001
08:00 - 09:00	4	764	0.002	4	764	0.002	4	764	0.004
09:00 - 10:00	4	764	0.001	4	764	0.001	4	764	0.002
10:00 - 11:00	4	764	0.002	4	764	0.002	4	764	0.004
11:00 - 12:00	4	764	0.001	4	764	0.001	4	764	0.002
12:00 - 13:00	4	764	0.002	4	764	0.002	4	764	0.004
13:00 - 14:00	4	764	0.001	4	764	0.001	4	764	0.002
14:00 - 15:00	4	764	0.000	4	764	0.001	4	764	0.001
15:00 - 16:00	4	764	0.000	4	764	0.001	4	764	0.001
16:00 - 17:00	4	764	0.001	4	764	0.001	4	764	0.002
17:00 - 18:00	4	764	0.004	4	764	0.001	4	764	0.005
18:00 - 19:00	3	845	0.004	3	845	0.000	3	845	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.019			0.013			0.032

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.

Calculation Reference: AUDIT-100301-200218-0225

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : B - BUSINESS PARK  
 MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	2 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WO WORCESTERSHIRE	1 days

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

## Secondary 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: Number of Employees  
 Actual Range: 105 to 5000 (units: )  
 Range Selected by User: 99 to 6069 (units: )

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/11 to 26/06/18

*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	1 days
Thursday	1 days
Friday	3 days

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

Selected survey types:

Manual count	6 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 undertaken using machines.*

Selected Locations:

Edge of Town	5
Neighbourhood Centre (PPS6 Local Centre)	1

*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	4
Village	1
No Sub Category	1

*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.*

Secondary Filtering selection:

Use Class:

B1

6 days

*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:

5,001 to 10,000

1 days

10,001 to 15,000

4 days

15,001 to 20,000

1 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

2 days

125,001 to 250,000

4 days

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

Car ownership within 5 miles:

0.6 to 1.0

2 days

1.1 to 1.5

4 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

5 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

6 days

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

LIST OF SITES relevant to selection parameters

1	CA-02-B-03 MILTON ROAD CAMBRIDGE	SCIENCE PARK		CAMBRIDGESHIRE
	Edge of Town No Sub Category Total Number of Employees:		5000	
	Survey date: FRIDAY		06/10/17	Survey Type: MANUAL
2	EX-02-B-01 BRUNEL COURT COLCHESTER SEVERALLS INDUSTRIAL PK	BUSINESS PARK		ESSEX
	Edge of Town Industrial Zone Total Number of Employees:		114	
	Survey date: FRIDAY		18/05/18	Survey Type: MANUAL
3	EX-02-B-02 WYNCOLLS ROAD COLCHESTER SEVERALLS INDUSTRIAL PK	BUSINESS PARK		ESSEX
	Edge of Town Industrial Zone Total Number of Employees:		107	
	Survey date: FRIDAY		18/05/18	Survey Type: MANUAL
4	LN-02-B-02 CARDINAL CLOSE LINCOLN	BUSINESS PARK		LINCOLNSHIRE
	Edge of Town Industrial Zone Total Number of Employees:		105	
	Survey date: THURSDAY		25/06/15	Survey Type: MANUAL
5	ST-02-B-04 STONE ROAD STAFFORD	BUSINESS PARK		STAFFORDSHIRE
	Edge of Town Industrial Zone Total Number of Employees:		1082	
	Survey date: WEDNESDAY		22/11/17	Survey Type: MANUAL
6	WO-02-B-02 BIRMINGHAM ROAD NEAR BROMSGROVE LICKEY END Neighbourhood Centre (PPS6 Local Centre) Village Total Number of Employees:	BUSINESS PARK		WORCESTERSHIRE
	Survey date: TUESDAY		26/06/18	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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL VEHICLES  
 Calculation factor: 1 EMPLOY  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.053	6	1115	0.009	6	1115	0.062
07:30 - 08:00	6	1115	0.114	6	1115	0.015	6	1115	0.129
08:00 - 08:30	6	1115	0.159	6	1115	0.019	6	1115	0.178
08:30 - 09:00	6	1115	0.121	6	1115	0.016	6	1115	0.137
09:00 - 09:30	6	1115	0.063	6	1115	0.014	6	1115	0.077
09:30 - 10:00	6	1115	0.019	6	1115	0.013	6	1115	0.032
10:00 - 10:30	6	1115	0.016	6	1115	0.012	6	1115	0.028
10:30 - 11:00	6	1115	0.014	6	1115	0.011	6	1115	0.025
11:00 - 11:30	6	1115	0.014	6	1115	0.013	6	1115	0.027
11:30 - 12:00	6	1115	0.017	6	1115	0.014	6	1115	0.031
12:00 - 12:30	6	1115	0.017	6	1115	0.022	6	1115	0.039
12:30 - 13:00	6	1115	0.020	6	1115	0.021	6	1115	0.041
13:00 - 13:30	6	1115	0.022	6	1115	0.013	6	1115	0.035
13:30 - 14:00	6	1115	0.018	6	1115	0.015	6	1115	0.033
14:00 - 14:30	6	1115	0.013	6	1115	0.014	6	1115	0.027
14:30 - 15:00	6	1115	0.011	6	1115	0.017	6	1115	0.028
15:00 - 15:30	6	1115	0.012	6	1115	0.023	6	1115	0.035
15:30 - 16:00	6	1115	0.010	6	1115	0.026	6	1115	0.036
16:00 - 16:30	6	1115	0.011	6	1115	0.046	6	1115	0.057
16:30 - 17:00	6	1115	0.011	6	1115	0.060	6	1115	0.071
17:00 - 17:30	6	1115	0.013	6	1115	0.097	6	1115	0.110
17:30 - 18:00	6	1115	0.006	6	1115	0.100	6	1115	0.106
18:00 - 18:30	6	1115	0.006	6	1115	0.087	6	1115	0.093
18:30 - 19:00	6	1115	0.005	6	1115	0.077	6	1115	0.082
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
<b>Total Rates:</b>			<b>0.765</b>			<b>0.754</b>			<b>1.519</b>

*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:	105 - 5000 (units: )
Survey date date range:	01/01/11 - 26/06/18
Number of weekdays (Monday-Friday):	6
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 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 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL TAXIS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
07:30 - 08:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
08:00 - 08:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
08:30 - 09:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
09:00 - 09:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
09:30 - 10:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:00 - 10:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:30 - 11:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:00 - 11:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:30 - 12:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:00 - 12:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:30 - 13:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:00 - 13:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:30 - 14:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:00 - 14:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:30 - 15:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:00 - 15:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:30 - 16:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:00 - 16:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:30 - 17:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:00 - 17:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:30 - 18:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:00 - 18:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:30 - 19:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.002			0.002			0.004

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL OGVS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
07:30 - 08:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
08:00 - 08:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
08:30 - 09:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
09:00 - 09:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
09:30 - 10:00	6	1115	0.001	6	1115	0.000	6	1115	0.001
10:00 - 10:30	6	1115	0.000	6	1115	0.001	6	1115	0.001
10:30 - 11:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:00 - 11:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:30 - 12:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
12:00 - 12:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
12:30 - 13:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
13:00 - 13:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:30 - 14:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
14:00 - 14:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:30 - 15:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:00 - 15:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
15:30 - 16:00	6	1115	0.000	6	1115	0.001	6	1115	0.001
16:00 - 16:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
16:30 - 17:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:00 - 17:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:30 - 18:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:00 - 18:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:30 - 19:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.011			0.010			0.021

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL PSVS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
07:30 - 08:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
08:00 - 08:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
08:30 - 09:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
09:00 - 09:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
09:30 - 10:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:00 - 10:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:30 - 11:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:00 - 11:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:30 - 12:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:00 - 12:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:30 - 13:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:00 - 13:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:30 - 14:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:00 - 14:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:30 - 15:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:00 - 15:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:30 - 16:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:00 - 16:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:30 - 17:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:00 - 17:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:30 - 18:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:00 - 18:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:30 - 19:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:		0.000			0.000			0.000	

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL CYCLISTS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.005	6	1115	0.001	6	1115	0.006
07:30 - 08:00	6	1115	0.010	6	1115	0.002	6	1115	0.012
08:00 - 08:30	6	1115	0.019	6	1115	0.003	6	1115	0.022
08:30 - 09:00	6	1115	0.021	6	1115	0.002	6	1115	0.023
09:00 - 09:30	6	1115	0.015	6	1115	0.002	6	1115	0.017
09:30 - 10:00	6	1115	0.011	6	1115	0.003	6	1115	0.014
10:00 - 10:30	6	1115	0.006	6	1115	0.003	6	1115	0.009
10:30 - 11:00	6	1115	0.006	6	1115	0.002	6	1115	0.008
11:00 - 11:30	6	1115	0.003	6	1115	0.002	6	1115	0.005
11:30 - 12:00	6	1115	0.004	6	1115	0.003	6	1115	0.007
12:00 - 12:30	6	1115	0.004	6	1115	0.004	6	1115	0.008
12:30 - 13:00	6	1115	0.004	6	1115	0.004	6	1115	0.008
13:00 - 13:30	6	1115	0.005	6	1115	0.004	6	1115	0.009
13:30 - 14:00	6	1115	0.003	6	1115	0.003	6	1115	0.006
14:00 - 14:30	6	1115	0.003	6	1115	0.002	6	1115	0.005
14:30 - 15:00	6	1115	0.002	6	1115	0.004	6	1115	0.006
15:00 - 15:30	6	1115	0.004	6	1115	0.007	6	1115	0.011
15:30 - 16:00	6	1115	0.003	6	1115	0.005	6	1115	0.008
16:00 - 16:30	6	1115	0.003	6	1115	0.009	6	1115	0.012
16:30 - 17:00	6	1115	0.004	6	1115	0.012	6	1115	0.016
17:00 - 17:30	6	1115	0.004	6	1115	0.014	6	1115	0.018
17:30 - 18:00	6	1115	0.003	6	1115	0.016	6	1115	0.019
18:00 - 18:30	6	1115	0.004	6	1115	0.012	6	1115	0.016
18:30 - 19:00	6	1115	0.002	6	1115	0.008	6	1115	0.010
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.148			0.127			0.275

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.064	6	1115	0.010	6	1115	0.074
07:30 - 08:00	6	1115	0.137	6	1115	0.017	6	1115	0.154
08:00 - 08:30	6	1115	0.180	6	1115	0.021	6	1115	0.201
08:30 - 09:00	6	1115	0.145	6	1115	0.019	6	1115	0.164
09:00 - 09:30	6	1115	0.081	6	1115	0.018	6	1115	0.099
09:30 - 10:00	6	1115	0.027	6	1115	0.017	6	1115	0.044
10:00 - 10:30	6	1115	0.023	6	1115	0.017	6	1115	0.040
10:30 - 11:00	6	1115	0.021	6	1115	0.015	6	1115	0.036
11:00 - 11:30	6	1115	0.021	6	1115	0.017	6	1115	0.038
11:30 - 12:00	6	1115	0.023	6	1115	0.018	6	1115	0.041
12:00 - 12:30	6	1115	0.023	6	1115	0.031	6	1115	0.054
12:30 - 13:00	6	1115	0.027	6	1115	0.028	6	1115	0.055
13:00 - 13:30	6	1115	0.032	6	1115	0.018	6	1115	0.050
13:30 - 14:00	6	1115	0.025	6	1115	0.021	6	1115	0.046
14:00 - 14:30	6	1115	0.017	6	1115	0.021	6	1115	0.038
14:30 - 15:00	6	1115	0.016	6	1115	0.025	6	1115	0.041
15:00 - 15:30	6	1115	0.017	6	1115	0.032	6	1115	0.049
15:30 - 16:00	6	1115	0.014	6	1115	0.037	6	1115	0.051
16:00 - 16:30	6	1115	0.015	6	1115	0.064	6	1115	0.079
16:30 - 17:00	6	1115	0.014	6	1115	0.084	6	1115	0.098
17:00 - 17:30	6	1115	0.017	6	1115	0.123	6	1115	0.140
17:30 - 18:00	6	1115	0.008	6	1115	0.122	6	1115	0.130
18:00 - 18:30	6	1115	0.010	6	1115	0.105	6	1115	0.115
18:30 - 19:00	6	1115	0.007	6	1115	0.091	6	1115	0.098
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.964			0.971			1.935

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL PEDESTRIANS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.004	6	1115	0.001	6	1115	0.005
07:30 - 08:00	6	1115	0.008	6	1115	0.002	6	1115	0.010
08:00 - 08:30	6	1115	0.017	6	1115	0.005	6	1115	0.022
08:30 - 09:00	6	1115	0.013	6	1115	0.003	6	1115	0.016
09:00 - 09:30	6	1115	0.008	6	1115	0.002	6	1115	0.010
09:30 - 10:00	6	1115	0.006	6	1115	0.003	6	1115	0.009
10:00 - 10:30	6	1115	0.005	6	1115	0.004	6	1115	0.009
10:30 - 11:00	6	1115	0.004	6	1115	0.003	6	1115	0.007
11:00 - 11:30	6	1115	0.004	6	1115	0.001	6	1115	0.005
11:30 - 12:00	6	1115	0.003	6	1115	0.004	6	1115	0.007
12:00 - 12:30	6	1115	0.007	6	1115	0.009	6	1115	0.016
12:30 - 13:00	6	1115	0.010	6	1115	0.008	6	1115	0.018
13:00 - 13:30	6	1115	0.010	6	1115	0.011	6	1115	0.021
13:30 - 14:00	6	1115	0.008	6	1115	0.004	6	1115	0.012
14:00 - 14:30	6	1115	0.005	6	1115	0.003	6	1115	0.008
14:30 - 15:00	6	1115	0.001	6	1115	0.002	6	1115	0.003
15:00 - 15:30	6	1115	0.003	6	1115	0.002	6	1115	0.005
15:30 - 16:00	6	1115	0.003	6	1115	0.004	6	1115	0.007
16:00 - 16:30	6	1115	0.004	6	1115	0.008	6	1115	0.012
16:30 - 17:00	6	1115	0.004	6	1115	0.009	6	1115	0.013
17:00 - 17:30	6	1115	0.005	6	1115	0.016	6	1115	0.021
17:30 - 18:00	6	1115	0.003	6	1115	0.017	6	1115	0.020
18:00 - 18:30	6	1115	0.003	6	1115	0.008	6	1115	0.011
18:30 - 19:00	6	1115	0.001	6	1115	0.005	6	1115	0.006
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.139			0.134			0.273

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.004	6	1115	0.000	6	1115	0.004
07:30 - 08:00	6	1115	0.005	6	1115	0.000	6	1115	0.005
08:00 - 08:30	6	1115	0.010	6	1115	0.011	6	1115	0.021
08:30 - 09:00	6	1115	0.010	6	1115	0.003	6	1115	0.013
09:00 - 09:30	6	1115	0.005	6	1115	0.001	6	1115	0.006
09:30 - 10:00	6	1115	0.003	6	1115	0.000	6	1115	0.003
10:00 - 10:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
10:30 - 11:00	6	1115	0.001	6	1115	0.000	6	1115	0.001
11:00 - 11:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
11:30 - 12:00	6	1115	0.001	6	1115	0.003	6	1115	0.004
12:00 - 12:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
12:30 - 13:00	6	1115	0.002	6	1115	0.001	6	1115	0.003
13:00 - 13:30	6	1115	0.002	6	1115	0.001	6	1115	0.003
13:30 - 14:00	6	1115	0.006	6	1115	0.001	6	1115	0.007
14:00 - 14:30	6	1115	0.000	6	1115	0.001	6	1115	0.001
14:30 - 15:00	6	1115	0.002	6	1115	0.002	6	1115	0.004
15:00 - 15:30	6	1115	0.000	6	1115	0.002	6	1115	0.002
15:30 - 16:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
16:00 - 16:30	6	1115	0.001	6	1115	0.004	6	1115	0.005
16:30 - 17:00	6	1115	0.001	6	1115	0.005	6	1115	0.006
17:00 - 17:30	6	1115	0.001	6	1115	0.007	6	1115	0.008
17:30 - 18:00	6	1115	0.001	6	1115	0.008	6	1115	0.009
18:00 - 18:30	6	1115	0.001	6	1115	0.002	6	1115	0.003
18:30 - 19:00	6	1115	0.001	6	1115	0.003	6	1115	0.004
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.061			0.059			0.120

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
07:30 - 08:00	6	1115	0.002	6	1115	0.000	6	1115	0.002
08:00 - 08:30	6	1115	0.003	6	1115	0.000	6	1115	0.003
08:30 - 09:00	6	1115	0.001	6	1115	0.000	6	1115	0.001
09:00 - 09:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
09:30 - 10:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:00 - 10:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:30 - 11:00	6	1115	0.001	6	1115	0.000	6	1115	0.001
11:00 - 11:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:30 - 12:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:00 - 12:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:30 - 13:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:00 - 13:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:30 - 14:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:00 - 14:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:30 - 15:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:00 - 15:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:30 - 16:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:00 - 16:30	6	1115	0.000	6	1115	0.001	6	1115	0.001
16:30 - 17:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
17:00 - 17:30	6	1115	0.000	6	1115	0.001	6	1115	0.001
17:30 - 18:00	6	1115	0.000	6	1115	0.001	6	1115	0.001
18:00 - 18:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:30 - 19:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.009			0.003			0.012

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK  
 MULTI-MODAL PUBLIC TRANSPORT USERS  
 Calculation factor: 1 EMPLOY  
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.004	6	1115	0.000	6	1115	0.004
07:30 - 08:00	6	1115	0.008	6	1115	0.000	6	1115	0.008
08:00 - 08:30	6	1115	0.014	6	1115	0.011	6	1115	0.025
08:30 - 09:00	6	1115	0.011	6	1115	0.003	6	1115	0.014
09:00 - 09:30	6	1115	0.006	6	1115	0.001	6	1115	0.007
09:30 - 10:00	6	1115	0.003	6	1115	0.000	6	1115	0.003
10:00 - 10:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
10:30 - 11:00	6	1115	0.002	6	1115	0.000	6	1115	0.002
11:00 - 11:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
11:30 - 12:00	6	1115	0.001	6	1115	0.003	6	1115	0.004
12:00 - 12:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
12:30 - 13:00	6	1115	0.002	6	1115	0.001	6	1115	0.003
13:00 - 13:30	6	1115	0.002	6	1115	0.001	6	1115	0.003
13:30 - 14:00	6	1115	0.006	6	1115	0.001	6	1115	0.007
14:00 - 14:30	6	1115	0.000	6	1115	0.001	6	1115	0.001
14:30 - 15:00	6	1115	0.002	6	1115	0.002	6	1115	0.004
15:00 - 15:30	6	1115	0.000	6	1115	0.002	6	1115	0.002
15:30 - 16:00	6	1115	0.001	6	1115	0.001	6	1115	0.002
16:00 - 16:30	6	1115	0.001	6	1115	0.005	6	1115	0.006
16:30 - 17:00	6	1115	0.001	6	1115	0.005	6	1115	0.006
17:00 - 17:30	6	1115	0.001	6	1115	0.008	6	1115	0.009
17:30 - 18:00	6	1115	0.001	6	1115	0.009	6	1115	0.010
18:00 - 18:30	6	1115	0.001	6	1115	0.003	6	1115	0.004
18:30 - 19:00	6	1115	0.001	6	1115	0.003	6	1115	0.004
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
<b>Total Rates:</b>			<b>0.071</b>			<b>0.063</b>			<b>0.134</b>

*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.*

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.077	6	1115	0.012	6	1115	0.089
07:30 - 08:00	6	1115	0.162	6	1115	0.021	6	1115	0.183
08:00 - 08:30	6	1115	0.230	6	1115	0.039	6	1115	0.269
08:30 - 09:00	6	1115	0.190	6	1115	0.027	6	1115	0.217
09:00 - 09:30	6	1115	0.109	6	1115	0.023	6	1115	0.132
09:30 - 10:00	6	1115	0.048	6	1115	0.023	6	1115	0.071
10:00 - 10:30	6	1115	0.035	6	1115	0.024	6	1115	0.059
10:30 - 11:00	6	1115	0.033	6	1115	0.020	6	1115	0.053
11:00 - 11:30	6	1115	0.029	6	1115	0.022	6	1115	0.051
11:30 - 12:00	6	1115	0.031	6	1115	0.028	6	1115	0.059
12:00 - 12:30	6	1115	0.035	6	1115	0.046	6	1115	0.081
12:30 - 13:00	6	1115	0.043	6	1115	0.041	6	1115	0.084
13:00 - 13:30	6	1115	0.049	6	1115	0.035	6	1115	0.084
13:30 - 14:00	6	1115	0.042	6	1115	0.029	6	1115	0.071
14:00 - 14:30	6	1115	0.025	6	1115	0.028	6	1115	0.053
14:30 - 15:00	6	1115	0.023	6	1115	0.032	6	1115	0.055
15:00 - 15:30	6	1115	0.024	6	1115	0.044	6	1115	0.068
15:30 - 16:00	6	1115	0.021	6	1115	0.047	6	1115	0.068
16:00 - 16:30	6	1115	0.024	6	1115	0.086	6	1115	0.110
16:30 - 17:00	6	1115	0.023	6	1115	0.110	6	1115	0.133
17:00 - 17:30	6	1115	0.028	6	1115	0.161	6	1115	0.189
17:30 - 18:00	6	1115	0.014	6	1115	0.163	6	1115	0.177
18:00 - 18:30	6	1115	0.017	6	1115	0.128	6	1115	0.145
18:30 - 19:00	6	1115	0.010	6	1115	0.107	6	1115	0.117
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			1.322			1.296			2.618

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL CARS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.049	6	1115	0.006	6	1115	0.055
07:30 - 08:00	6	1115	0.109	6	1115	0.012	6	1115	0.121
08:00 - 08:30	6	1115	0.153	6	1115	0.015	6	1115	0.168
08:30 - 09:00	6	1115	0.114	6	1115	0.010	6	1115	0.124
09:00 - 09:30	6	1115	0.058	6	1115	0.010	6	1115	0.068
09:30 - 10:00	6	1115	0.014	6	1115	0.009	6	1115	0.023
10:00 - 10:30	6	1115	0.011	6	1115	0.006	6	1115	0.017
10:30 - 11:00	6	1115	0.009	6	1115	0.007	6	1115	0.016
11:00 - 11:30	6	1115	0.008	6	1115	0.008	6	1115	0.016
11:30 - 12:00	6	1115	0.011	6	1115	0.009	6	1115	0.020
12:00 - 12:30	6	1115	0.012	6	1115	0.018	6	1115	0.030
12:30 - 13:00	6	1115	0.015	6	1115	0.017	6	1115	0.032
13:00 - 13:30	6	1115	0.018	6	1115	0.010	6	1115	0.028
13:30 - 14:00	6	1115	0.013	6	1115	0.010	6	1115	0.023
14:00 - 14:30	6	1115	0.009	6	1115	0.012	6	1115	0.021
14:30 - 15:00	6	1115	0.007	6	1115	0.013	6	1115	0.020
15:00 - 15:30	6	1115	0.008	6	1115	0.019	6	1115	0.027
15:30 - 16:00	6	1115	0.007	6	1115	0.023	6	1115	0.030
16:00 - 16:30	6	1115	0.008	6	1115	0.041	6	1115	0.049
16:30 - 17:00	6	1115	0.009	6	1115	0.056	6	1115	0.065
17:00 - 17:30	6	1115	0.011	6	1115	0.093	6	1115	0.104
17:30 - 18:00	6	1115	0.004	6	1115	0.097	6	1115	0.101
18:00 - 18:30	6	1115	0.006	6	1115	0.086	6	1115	0.092
18:30 - 19:00	6	1115	0.005	6	1115	0.076	6	1115	0.081
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.668			0.663			1.331

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL LGVS

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.002	6	1115	0.001	6	1115	0.003
07:30 - 08:00	6	1115	0.003	6	1115	0.001	6	1115	0.004
08:00 - 08:30	6	1115	0.004	6	1115	0.002	6	1115	0.006
08:30 - 09:00	6	1115	0.005	6	1115	0.004	6	1115	0.009
09:00 - 09:30	6	1115	0.003	6	1115	0.004	6	1115	0.007
09:30 - 10:00	6	1115	0.004	6	1115	0.004	6	1115	0.008
10:00 - 10:30	6	1115	0.005	6	1115	0.005	6	1115	0.010
10:30 - 11:00	6	1115	0.004	6	1115	0.004	6	1115	0.008
11:00 - 11:30	6	1115	0.005	6	1115	0.005	6	1115	0.010
11:30 - 12:00	6	1115	0.004	6	1115	0.003	6	1115	0.007
12:00 - 12:30	6	1115	0.004	6	1115	0.004	6	1115	0.008
12:30 - 13:00	6	1115	0.004	6	1115	0.003	6	1115	0.007
13:00 - 13:30	6	1115	0.004	6	1115	0.002	6	1115	0.006
13:30 - 14:00	6	1115	0.004	6	1115	0.005	6	1115	0.009
14:00 - 14:30	6	1115	0.003	6	1115	0.002	6	1115	0.005
14:30 - 15:00	6	1115	0.004	6	1115	0.004	6	1115	0.008
15:00 - 15:30	6	1115	0.002	6	1115	0.003	6	1115	0.005
15:30 - 16:00	6	1115	0.002	6	1115	0.003	6	1115	0.005
16:00 - 16:30	6	1115	0.002	6	1115	0.003	6	1115	0.005
16:30 - 17:00	6	1115	0.002	6	1115	0.003	6	1115	0.005
17:00 - 17:30	6	1115	0.001	6	1115	0.003	6	1115	0.004
17:30 - 18:00	6	1115	0.001	6	1115	0.002	6	1115	0.003
18:00 - 18:30	6	1115	0.001	6	1115	0.001	6	1115	0.002
18:30 - 19:00	6	1115	0.000	6	1115	0.001	6	1115	0.001
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.073			0.072			0.145

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.

TRIP RATE for Land Use 02 - EMPLOYMENT/B - BUSINESS PARK

MULTI-MODAL MOTOR CYCLES

Calculation factor: 1 EMPLOY

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate	No. Days	Ave. EMPLOY	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
07:30 - 08:00	6	1115	0.001	6	1115	0.000	6	1115	0.001
08:00 - 08:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
08:30 - 09:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
09:00 - 09:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
09:30 - 10:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:00 - 10:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
10:30 - 11:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:00 - 11:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
11:30 - 12:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:00 - 12:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
12:30 - 13:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:00 - 13:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
13:30 - 14:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:00 - 14:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
14:30 - 15:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
15:00 - 15:30	6	1115	0.001	6	1115	0.000	6	1115	0.001
15:30 - 16:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:00 - 16:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
16:30 - 17:00	6	1115	0.000	6	1115	0.001	6	1115	0.001
17:00 - 17:30	6	1115	0.000	6	1115	0.001	6	1115	0.001
17:30 - 18:00	6	1115	0.000	6	1115	0.001	6	1115	0.001
18:00 - 18:30	6	1115	0.000	6	1115	0.000	6	1115	0.000
18:30 - 19:00	6	1115	0.000	6	1115	0.000	6	1115	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.005			0.003			0.008

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.

Calculation Reference: AUDIT-100301-200317-0324

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL  
 Category : A - HOUSES PRIVATELY OWNED  
 MULTI-MODAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	3 days
	HF HERTFORDSHIRE	1 days
	KC KENT	4 days
	SC SURREY	1 days
	WS WEST SUSSEX	4 days
03	SOUTH WEST	
	DV DEVON	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NE NORTH EAST LINCOLNSHIRE	2 days
	NY NORTH YORKSHIRE	1 days
09	NORTH	
	DH DURHAM	1 days

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

## Secondary 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: Number of dwellings  
 Actual Range: 99 to 918 (units: )  
 Range Selected by User: 99 to 918 (units: )

Parking Spaces 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: 01/01/11 to 23/09/19

*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	6 days
Tuesday	3 days
Wednesday	4 days
Thursday	3 days
Friday	4 days

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

Selected survey types:

Manual count	20 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 undertaken using machines.*

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	3
Edge of Town	14
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	18
Village	1

*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.*

Secondary Filtering selection:

Use Class:

C3 20 days

*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:

1,000 or Less	1 days
1,001 to 5,000	4 days
5,001 to 10,000	4 days
10,001 to 15,000	7 days
15,001 to 20,000	2 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:

5,001 to 25,000	6 days
25,001 to 50,000	1 days
50,001 to 75,000	3 days
75,001 to 100,000	4 days
125,001 to 250,000	6 days

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

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	14 days
1.6 to 2.0	2 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	7 days
No	13 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	20 days
-----------------	---------

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

LIST OF SITES relevant to selection parameters

1	DH-03-A-02 LEAZES LANE BISHOP AUCKLAND ST HELEN AUCKLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 125 <i>Survey date: MONDAY 27/03/17</i>	MIXED HOUSES DURHAM	<i>Survey Type: MANUAL</i>
2	DV-03-A-02 MILLHEAD ROAD HONITON  Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 116 <i>Survey date: FRIDAY 25/09/15</i>	HOUSES & BUNGALOWS DEVON	<i>Survey Type: MANUAL</i>
3	ES-03-A-03 SHEPHAM LANE POLEGATE  Edge of Town Residential Zone Total Number of dwellings: 212 <i>Survey date: MONDAY 11/07/16</i>	MIXED HOUSES & FLATS EAST SUSSEX	<i>Survey Type: MANUAL</i>
4	ES-03-A-04 NEW LYDD ROAD CAMBER  Edge of Town Residential Zone Total Number of dwellings: 134 <i>Survey date: FRIDAY 15/07/16</i>	MIXED HOUSES & FLATS EAST SUSSEX	<i>Survey Type: MANUAL</i>
5	ES-03-A-05 RATTLE ROAD NEAR EASTBOURNE STONE CROSS Edge of Town Residential Zone Total Number of dwellings: 99 <i>Survey date: WEDNESDAY 05/06/19</i>	MIXED HOUSES & FLATS EAST SUSSEX	<i>Survey Type: MANUAL</i>
6	HF-03-A-03 HARE STREET ROAD BUNTINGFORD  Edge of Town Residential Zone Total Number of dwellings: 160 <i>Survey date: MONDAY 08/07/19</i>	MIXED HOUSES HERTFORDSHIRE	<i>Survey Type: MANUAL</i>
7	KC-03-A-04 KILN BARN ROAD AYLESFORD DITTON Edge of Town Residential Zone Total Number of dwellings: 110 <i>Survey date: FRIDAY 22/09/17</i>	SEMI-DETACHED & TERRACED KENT	<i>Survey Type: MANUAL</i>
8	KC-03-A-06 MARGATE ROAD HERNE BAY  Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 363 <i>Survey date: WEDNESDAY 27/09/17</i>	MIXED HOUSES & FLATS KENT	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	KC-03-A-07 RECULVER ROAD HERNE BAY	MIXED HOUSES		KENT
	Edge of Town Residential Zone Total Number of dwellings:	288		
	Survey date: WEDNESDAY	27/09/17	Survey Type: MANUAL	
10	KC-03-A-08 MAIDSTONE ROAD CHARING	MIXED HOUSES		KENT
	Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings:	159		
	Survey date: TUESDAY	22/05/18	Survey Type: MANUAL	
11	NE-03-A-02 HANOVER WALK SCUNTHORPE	SEMI DETACHED & DETACHED		NORTH EAST LINCOLNSHIRE
	Edge of Town No Sub Category Total Number of dwellings:	432		
	Survey date: MONDAY	12/05/14	Survey Type: MANUAL	
12	NE-03-A-03 STATION ROAD SCUNTHORPE	PRIVATE HOUSES		NORTH EAST LINCOLNSHIRE
	Edge of Town Centre Residential Zone Total Number of dwellings:	180		
	Survey date: TUESDAY	20/05/14	Survey Type: MANUAL	
13	NF-03-A-06 BEAUFORT WAY GREAT YARMOUTH BRADWELL	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:	275		
	Survey date: MONDAY	23/09/19	Survey Type: MANUAL	
14	NY-03-A-06 HORSEFAIR BOROUGHBRIDGE	BUNGALOWS & SEMI DET.		NORTH YORKSHIRE
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings:	115		
	Survey date: FRIDAY	14/10/11	Survey Type: MANUAL	
15	SC-03-A-05 REIGATE ROAD HORLEY	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total Number of dwellings:	207		
	Survey date: MONDAY	01/04/19	Survey Type: MANUAL	
16	ST-03-A-07 BEACONSIDE STAFFORD MARSTON GATE	DETACHED & SEMI-DETACHED		STAFFORDSHIRE
	Edge of Town Residential Zone Total Number of dwellings:	248		
	Survey date: WEDNESDAY	22/11/17	Survey Type: MANUAL	

LIST OF SITES relevant to selection parameters (Cont.)

17	WS-03-A-04	MIXED HOUSES	WEST SUSSEX
	HILLS FARM LANE		
	HORSHAM		
	BROADBRIDGE HEATH		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	151	
	Survey date: THURSDAY	11/12/14	Survey Type: MANUAL
18	WS-03-A-08	MIXED HOUSES	WEST SUSSEX
	ROUNDSTONE LANE		
	ANGMERING		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	180	
	Survey date: THURSDAY	19/04/18	Survey Type: MANUAL
19	WS-03-A-09	MIXED HOUSES & FLATS	WEST SUSSEX
	LITTLEHAMPTON ROAD		
	WORTHING		
	WEST DURRINGTON		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	197	
	Survey date: THURSDAY	05/07/18	Survey Type: MANUAL
20	WS-03-A-11	MIXED HOUSES	WEST SUSSEX
	ELLIS ROAD		
	WEST HORSHAM		
	S BROADBRIDGE HEATH		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	918	
	Survey date: TUESDAY	02/04/19	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/A - HOUSES PRIVATELY OWNED  
MULTI-MODAL 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									
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	20	233	0.070	20	233	0.269	20	233	0.339
08:00 - 09:00	20	233	0.126	20	233	0.375	20	233	0.501
09:00 - 10:00	20	233	0.141	20	233	0.158	20	233	0.299
10:00 - 11:00	20	233	0.119	20	233	0.150	20	233	0.269
11:00 - 12:00	20	233	0.125	20	233	0.137	20	233	0.262
12:00 - 13:00	20	233	0.148	20	233	0.139	20	233	0.287
13:00 - 14:00	20	233	0.152	20	233	0.148	20	233	0.300
14:00 - 15:00	20	233	0.158	20	233	0.186	20	233	0.344
15:00 - 16:00	20	233	0.257	20	233	0.168	20	233	0.425
16:00 - 17:00	20	233	0.265	20	233	0.162	20	233	0.427
17:00 - 18:00	20	233	0.333	20	233	0.156	20	233	0.489
18:00 - 19:00	20	233	0.289	20	233	0.176	20	233	0.465
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.183			2.224				4.407

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: 99 - 918 (units: )  
 Survey date range: 01/01/11 - 23/09/19  
 Number of weekdays (Monday-Friday): 20  
 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 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

MULTI-MODAL TAXIS

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									
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	20	233	0.001	20	233	0.002	20	233	0.003
08:00 - 09:00	20	233	0.003	20	233	0.003	20	233	0.006
09:00 - 10:00	20	233	0.002	20	233	0.001	20	233	0.003
10:00 - 11:00	20	233	0.001	20	233	0.001	20	233	0.002
11:00 - 12:00	20	233	0.001	20	233	0.001	20	233	0.002
12:00 - 13:00	20	233	0.001	20	233	0.001	20	233	0.002
13:00 - 14:00	20	233	0.001	20	233	0.001	20	233	0.002
14:00 - 15:00	20	233	0.002	20	233	0.002	20	233	0.004
15:00 - 16:00	20	233	0.004	20	233	0.004	20	233	0.008
16:00 - 17:00	20	233	0.003	20	233	0.003	20	233	0.006
17:00 - 18:00	20	233	0.001	20	233	0.001	20	233	0.002
18:00 - 19:00	20	233	0.001	20	233	0.001	20	233	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			0.021			0.042

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.

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

MULTI-MODAL OGVS

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									
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	20	233	0.001	20	233	0.001	20	233	0.002
08:00 - 09:00	20	233	0.002	20	233	0.002	20	233	0.004
09:00 - 10:00	20	233	0.003	20	233	0.001	20	233	0.004
10:00 - 11:00	20	233	0.003	20	233	0.003	20	233	0.006
11:00 - 12:00	20	233	0.001	20	233	0.002	20	233	0.003
12:00 - 13:00	20	233	0.002	20	233	0.003	20	233	0.005
13:00 - 14:00	20	233	0.001	20	233	0.001	20	233	0.002
14:00 - 15:00	20	233	0.002	20	233	0.002	20	233	0.004
15:00 - 16:00	20	233	0.001	20	233	0.002	20	233	0.003
16:00 - 17:00	20	233	0.002	20	233	0.001	20	233	0.003
17:00 - 18:00	20	233	0.001	20	233	0.001	20	233	0.002
18:00 - 19:00	20	233	0.000	20	233	0.001	20	233	0.001
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.019			0.020			0.039

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.

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

MULTI-MODAL PSVS

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									
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	20	233	0.001	20	233	0.001	20	233	0.002
08:00 - 09:00	20	233	0.001	20	233	0.001	20	233	0.002
09:00 - 10:00	20	233	0.001	20	233	0.001	20	233	0.002
10:00 - 11:00	20	233	0.001	20	233	0.001	20	233	0.002
11:00 - 12:00	20	233	0.000	20	233	0.000	20	233	0.000
12:00 - 13:00	20	233	0.000	20	233	0.000	20	233	0.000
13:00 - 14:00	20	233	0.001	20	233	0.001	20	233	0.002
14:00 - 15:00	20	233	0.000	20	233	0.000	20	233	0.000
15:00 - 16:00	20	233	0.001	20	233	0.001	20	233	0.002
16:00 - 17:00	20	233	0.001	20	233	0.001	20	233	0.002
17:00 - 18:00	20	233	0.001	20	233	0.001	20	233	0.002
18:00 - 19:00	20	233	0.000	20	233	0.000	20	233	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.008			0.008			0.016

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.

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

MULTI-MODAL CYCLISTS

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									
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	20	233	0.004	20	233	0.007	20	233	0.011
08:00 - 09:00	20	233	0.007	20	233	0.015	20	233	0.022
09:00 - 10:00	20	233	0.001	20	233	0.003	20	233	0.004
10:00 - 11:00	20	233	0.002	20	233	0.004	20	233	0.006
11:00 - 12:00	20	233	0.003	20	233	0.003	20	233	0.006
12:00 - 13:00	20	233	0.004	20	233	0.004	20	233	0.008
13:00 - 14:00	20	233	0.002	20	233	0.001	20	233	0.003
14:00 - 15:00	20	233	0.003	20	233	0.003	20	233	0.006
15:00 - 16:00	20	233	0.006	20	233	0.004	20	233	0.010
16:00 - 17:00	20	233	0.009	20	233	0.008	20	233	0.017
17:00 - 18:00	20	233	0.012	20	233	0.007	20	233	0.019
18:00 - 19:00	20	233	0.009	20	233	0.008	20	233	0.017
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.062			0.067			0.129

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED  
MULTI-MODAL VEHICLE OCCUPANTS

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									
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	20	233	0.086	20	233	0.408	20	233	0.494
08:00 - 09:00	20	233	0.156	20	233	0.650	20	233	0.806
09:00 - 10:00	20	233	0.180	20	233	0.232	20	233	0.412
10:00 - 11:00	20	233	0.157	20	233	0.218	20	233	0.375
11:00 - 12:00	20	233	0.171	20	233	0.204	20	233	0.375
12:00 - 13:00	20	233	0.206	20	233	0.194	20	233	0.400
13:00 - 14:00	20	233	0.220	20	233	0.208	20	233	0.428
14:00 - 15:00	20	233	0.221	20	233	0.259	20	233	0.480
15:00 - 16:00	20	233	0.450	20	233	0.235	20	233	0.685
16:00 - 17:00	20	233	0.451	20	233	0.249	20	233	0.700
17:00 - 18:00	20	233	0.538	20	233	0.228	20	233	0.766
18:00 - 19:00	20	233	0.460	20	233	0.273	20	233	0.733
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.296			3.358			6.654

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.

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

MULTI-MODAL PEDESTRIANS

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									
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	20	233	0.014	20	233	0.032	20	233	0.046
08:00 - 09:00	20	233	0.033	20	233	0.109	20	233	0.142
09:00 - 10:00	20	233	0.033	20	233	0.038	20	233	0.071
10:00 - 11:00	20	233	0.031	20	233	0.039	20	233	0.070
11:00 - 12:00	20	233	0.025	20	233	0.028	20	233	0.053
12:00 - 13:00	20	233	0.032	20	233	0.027	20	233	0.059
13:00 - 14:00	20	233	0.026	20	233	0.030	20	233	0.056
14:00 - 15:00	20	233	0.033	20	233	0.038	20	233	0.071
15:00 - 16:00	20	233	0.088	20	233	0.044	20	233	0.132
16:00 - 17:00	20	233	0.059	20	233	0.030	20	233	0.089
17:00 - 18:00	20	233	0.049	20	233	0.028	20	233	0.077
18:00 - 19:00	20	233	0.043	20	233	0.041	20	233	0.084
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.466			0.484			0.950

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED  
MULTI-MODAL BUS/TRAM PASSENGERS

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									
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	20	233	0.001	20	233	0.016	20	233	0.017
08:00 - 09:00	20	233	0.001	20	233	0.016	20	233	0.017
09:00 - 10:00	20	233	0.002	20	233	0.008	20	233	0.010
10:00 - 11:00	20	233	0.004	20	233	0.003	20	233	0.007
11:00 - 12:00	20	233	0.003	20	233	0.004	20	233	0.007
12:00 - 13:00	20	233	0.004	20	233	0.004	20	233	0.008
13:00 - 14:00	20	233	0.003	20	233	0.003	20	233	0.006
14:00 - 15:00	20	233	0.004	20	233	0.003	20	233	0.007
15:00 - 16:00	20	233	0.016	20	233	0.006	20	233	0.022
16:00 - 17:00	20	233	0.012	20	233	0.004	20	233	0.016
17:00 - 18:00	20	233	0.008	20	233	0.002	20	233	0.010
18:00 - 19:00	20	233	0.011	20	233	0.004	20	233	0.015
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.069			0.073			0.142

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED  
MULTI-MODAL TOTAL RAIL PASSENGERS

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									
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	20	233	0.001	20	233	0.005	20	233	0.006
08:00 - 09:00	20	233	0.000	20	233	0.006	20	233	0.006
09:00 - 10:00	20	233	0.000	20	233	0.003	20	233	0.003
10:00 - 11:00	20	233	0.000	20	233	0.002	20	233	0.002
11:00 - 12:00	20	233	0.000	20	233	0.001	20	233	0.001
12:00 - 13:00	20	233	0.001	20	233	0.001	20	233	0.002
13:00 - 14:00	20	233	0.001	20	233	0.000	20	233	0.001
14:00 - 15:00	20	233	0.001	20	233	0.000	20	233	0.001
15:00 - 16:00	20	233	0.003	20	233	0.001	20	233	0.004
16:00 - 17:00	20	233	0.002	20	233	0.000	20	233	0.002
17:00 - 18:00	20	233	0.005	20	233	0.001	20	233	0.006
18:00 - 19:00	20	233	0.004	20	233	0.000	20	233	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.018			0.020			0.038

*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.*

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

MULTI-MODAL COACH PASSENGERS

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									
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	20	233	0.000	20	233	0.000	20	233	0.000
08:00 - 09:00	20	233	0.000	20	233	0.001	20	233	0.001
09:00 - 10:00	20	233	0.000	20	233	0.000	20	233	0.000
10:00 - 11:00	20	233	0.000	20	233	0.000	20	233	0.000
11:00 - 12:00	20	233	0.000	20	233	0.000	20	233	0.000
12:00 - 13:00	20	233	0.000	20	233	0.000	20	233	0.000
13:00 - 14:00	20	233	0.000	20	233	0.000	20	233	0.000
14:00 - 15:00	20	233	0.000	20	233	0.000	20	233	0.000
15:00 - 16:00	20	233	0.000	20	233	0.000	20	233	0.000
16:00 - 17:00	20	233	0.000	20	233	0.000	20	233	0.000
17:00 - 18:00	20	233	0.000	20	233	0.000	20	233	0.000
18:00 - 19:00	20	233	0.000	20	233	0.000	20	233	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.000			0.001			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.

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.

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

MULTI-MODAL PUBLIC TRANSPORT USERS

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									
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	20	233	0.002	20	233	0.021	20	233	0.023
08:00 - 09:00	20	233	0.001	20	233	0.023	20	233	0.024
09:00 - 10:00	20	233	0.002	20	233	0.011	20	233	0.013
10:00 - 11:00	20	233	0.004	20	233	0.004	20	233	0.008
11:00 - 12:00	20	233	0.003	20	233	0.005	20	233	0.008
12:00 - 13:00	20	233	0.005	20	233	0.005	20	233	0.010
13:00 - 14:00	20	233	0.004	20	233	0.004	20	233	0.008
14:00 - 15:00	20	233	0.005	20	233	0.003	20	233	0.008
15:00 - 16:00	20	233	0.019	20	233	0.007	20	233	0.026
16:00 - 17:00	20	233	0.014	20	233	0.004	20	233	0.018
17:00 - 18:00	20	233	0.013	20	233	0.003	20	233	0.016
18:00 - 19:00	20	233	0.015	20	233	0.004	20	233	0.019
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.087			0.094			0.181

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.

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

MULTI-MODAL TOTAL PEOPLE

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									
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	20	233	0.106	20	233	0.468	20	233	0.574
08:00 - 09:00	20	233	0.197	20	233	0.797	20	233	0.994
09:00 - 10:00	20	233	0.216	20	233	0.284	20	233	0.500
10:00 - 11:00	20	233	0.194	20	233	0.265	20	233	0.459
11:00 - 12:00	20	233	0.201	20	233	0.241	20	233	0.442
12:00 - 13:00	20	233	0.247	20	233	0.230	20	233	0.477
13:00 - 14:00	20	233	0.252	20	233	0.244	20	233	0.496
14:00 - 15:00	20	233	0.262	20	233	0.302	20	233	0.564
15:00 - 16:00	20	233	0.563	20	233	0.290	20	233	0.853
16:00 - 17:00	20	233	0.533	20	233	0.292	20	233	0.825
17:00 - 18:00	20	233	0.611	20	233	0.267	20	233	0.878
18:00 - 19:00	20	233	0.528	20	233	0.326	20	233	0.854
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			3.910			4.006			7.916

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.

Calculation Reference: AUDIT-100301-200127-0114

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL  
 Category : I - SHOPPING CENTRE - LOCAL SHOPS  
 MULTI-MODAL VEHICLES

Selected regions and areas:

05	EAST MIDLANDS	
	LE LEICESTERSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days
09	NORTH	
	TV TEES VALLEY	2 days
	TW TYNE & WEAR	1 days

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

## Secondary 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: Gross floor area  
 Actual Range: 260 to 1840 (units: sqm)  
 Range Selected by User: 240 to 2500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/11 to 28/10/14

*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
Tuesday	2 days
Wednesday	1 days
Thursday	2 days
Friday	1 days

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

Selected survey types:

Manual count	7 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 undertaken using machines.*

Selected Locations:

Edge of Town	2
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:

Residential Zone	7
------------------	---

*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.*

Secondary Filtering selection:

Use Class:

A1	1 days
----	--------

*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:

5,001 to 10,000	1 days
10,001 to 15,000	1 days
20,001 to 25,000	2 days
25,001 to 50,000	3 days

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

Population within 5 miles:

100,001 to 125,000	3 days
125,001 to 250,000	1 days
250,001 to 500,000	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	2 days
1.1 to 1.5	5 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.*

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	7 days

*This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.*

Travel Plan:

No	7 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	7 days
-----------------	--------

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

LIST OF SITES relevant to selection parameters

1	CH-01-I-02	LOCAL SHOPS		CHESHIRE
	CHRISTLETON ROAD			
	CHESTER			
	BOUGHTON HEATH			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	260 sqm		
	Survey date: TUESDAY	15/05/12	Survey Type: MANUAL	
2	CH-01-I-03	LOCAL SHOPS		CHESHIRE
	MILL LANE			
	CHESTER			
	BACHE			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	365 sqm		
	Survey date: THURSDAY	17/05/12	Survey Type: MANUAL	
3	LE-01-I-02	LOCAL SHOPS		LEICESTERSHIRE
	RYDER ROAD			
	LEICESTER			
	Edge of Town			
	Residential Zone			
	Total Gross floor area:	550 sqm		
	Survey date: TUESDAY	28/10/14	Survey Type: MANUAL	
4	SH-01-I-02	LOCAL SHOPS		SHROPSHIRE
	WREKIN DRIVE			
	TELFORD			
	DONNINGTON			
	Edge of Town			
	Residential Zone			
	Total Gross floor area:	900 sqm		
	Survey date: THURSDAY	24/10/13	Survey Type: MANUAL	
5	TV-01-I-03	LOCAL SHOPS		TEES VALLEY
	ACKLAM ROAD			
	MIDDLESBROUGH			
	ACKLAM			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	1840 sqm		
	Survey date: FRIDAY	04/10/13	Survey Type: MANUAL	
6	TV-01-I-04	LOCAL SHOPS		TEES VALLEY
	CARGO FLEET LANE			
	MIDDLESBROUGH			
	ORMESBY			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	585 sqm		
	Survey date: MONDAY	07/10/13	Survey Type: MANUAL	
7	TW-01-I-02	LOCAL SHOPS		TYNE & WEAR
	DURHAM ROAD			
	SUNDERLAND			
	BARNES PARK			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Gross floor area:	540 sqm		
	Survey date: WEDNESDAY	21/11/12	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 01 - RETAIL/I - SHOPPING CENTRE - LOCAL SHOPS

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	0.000	1	540	0.000	1	540	0.000
07:00 - 08:00	7	720	0.159	7	720	0.119	7	720	0.278
08:00 - 09:00	7	720	0.099	7	720	0.060	7	720	0.159
09:00 - 10:00	7	720	0.298	7	720	0.278	7	720	0.576
10:00 - 11:00	7	720	0.119	7	720	0.099	7	720	0.218
11:00 - 12:00	7	720	0.159	7	720	0.179	7	720	0.338
12:00 - 13:00	7	720	0.159	7	720	0.238	7	720	0.397
13:00 - 14:00	7	720	0.139	7	720	0.159	7	720	0.298
14:00 - 15:00	7	720	0.139	7	720	0.099	7	720	0.238
15:00 - 16:00	7	720	0.079	7	720	0.060	7	720	0.139
16:00 - 17:00	7	720	0.099	7	720	0.079	7	720	0.178
17:00 - 18:00	7	720	0.040	7	720	0.040	7	720	0.080
18:00 - 19:00	7	720	0.000	7	720	0.060	7	720	0.060
19:00 - 20:00	5	883	0.000	5	883	0.023	5	883	0.023
20:00 - 21:00	5	883	0.000	5	883	0.000	5	883	0.000
21:00 - 22:00	5	883	0.023	5	883	0.023	5	883	0.046
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.512			1.516			3.028

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.

# Appendix S

S - TRIP DISTRIBUTION



WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)

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population	All usual residents aged 16 and over in employment the week before the census
units	Persons
date	2011
method of travel to work	Driving a car or van

WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)

usual residence : 2011 super output area middle layer	Residential Distribution									
	E02003654 : Aylesbury Vale 003	E02003486 : Milton Keynes 028	E02003487 : Milton Keynes 029	E02003489 : Milton Keynes 031	E02003490 : Milton Keynes 032	TOTAL	Proportion	Assignment		
E02003472 : Milton Keynes 014	128	497	264	252	120	1261	13.1%	J5A J18A J17A J16A J15D		
E02003481 : Milton Keynes 023	66	178	199	193	172	808	8.4%	J5B J2B J1B		
E02003475 : Milton Keynes 017	83	240	161	180	130	794	8.3%	J5A J18A J17A J16A J15A		
E02003488 : Milton Keynes 030	36	99	94	122	99	450	4.7%	J5B J2B J1B		
E02003476 : Milton Keynes 018	38	138	101	72	52	401	4.2%	J5A J18A J17A J16A J15A		
E02003489 : Milton Keynes 031	28	62	95	69	49	303	3.2%	J5B J2B J1A		
E02003468 : Milton Keynes 010	35	76	77	53	31	272	2.8%	J5D J12A		
E02003480 : Milton Keynes 022	31	82	52	56	45	266	2.8%	J5A J18A J17A J16A J15B		
E02003477 : Milton Keynes 019	33	109	49	45	30	266	2.8%	J5D J12A		
E02003478 : Milton Keynes 020	34	94	55	42	28	253	2.6%	J5D J12A		
E02003467 : Milton Keynes 009	25	95	40	43	28	231	2.4%	J5A J18A J17A J16A J15A		
E02003473 : Milton Keynes 015	30	56	53	54	31	224	2.3%	J5D J12A		
E02003465 : Milton Keynes 007	30	87	39	38	28	222	2.3%	J5A J18A J17A J16A J15A		
E02003485 : Milton Keynes 027	8	43	49	41	26	167	1.7%	J5A J18A J17B		
E02003483 : Milton Keynes 025	13	59	46	25	9	152	1.6%	J5A J18D J13D		
E02003482 : Milton Keynes 024	9	32	33	40	29	143	1.5%	J5A J18A J17A J16A J15A		
E02003479 : Milton Keynes 021	17	50	34	17	16	134	1.4%	J5A J18A J17A J16A J15D		
E02003652 : Aylesbury Vale 001	71	23	18	8	9	129	1.3%	J6C J7D J8C J9D J10D		
E02003486 : Milton Keynes 028	8	63	27	14	12	124	1.3%	J5D		
E02003654 : Aylesbury Vale 003	66	14	22	14	8	124	1.3%	J6B J4A		
E02003605 : Central Bedfordshire 007	20	41	26	20	11	118	1.2%	J5A J18A J17A J16A J15A		
E02003666 : Aylesbury Vale 015	58	15	10	16	6	105	1.1%	J6C J7C		
E02003463 : Milton Keynes 005	7	36	28	18	10	99	1.0%	J5A J18A J17A J16A J15A		
E02003462 : Milton Keynes 004	11	24	18	24	16	93	1.0%	J5A J18A J17A J16A J15A		
E02003460 : Milton Keynes 002	8	36	15	14	14	87	0.9%	J5D J12A		
E02003471 : Milton Keynes 013	5	45	17	8	11	86	0.9%	J5A J18A J17A J16A J15D		
E02003490 : Milton Keynes 032	9	15	10	16	32	82	0.9%	J5B J2B J1C		
E02003470 : Milton Keynes 012	11	22	22	15	12	82	0.9%	J5D J12A		
E02003643 : Central Bedfordshire 024	13	22	11	7	25	78	0.8%	J6B J4A J3B		
E02003487 : Milton Keynes 029	3	14	44	11	3	75	0.8%	J5A J18B		
E02003466 : Milton Keynes 008	10	8	19	22	11	70	0.7%	J5D J12A		
E02003657 : Aylesbury Vale 006	27	7	11	12	5	62	0.6%	J6B J4A J3C		
E02003484 : Milton Keynes 026	4	28	9	10	8	59	0.6%	J5A J18A J17D J14A		
E02003653 : Aylesbury Vale 002	33	9	3	11	2	58	0.6%	J6C J7D J8C J9D J10D		
E02005677 : Northampton 028	7	21	10	7	8	53	0.6%	J5A J18A J17A J16A J15A		
E02003639 : Central Bedfordshire 021	13	7	9	8	16	53	0.6%	J6B J4A J3B		
E02003655 : Aylesbury Vale 004	30	7	2	10	0	49	0.5%	J6C J7D J8C J9D J10D		
E02003656 : Aylesbury Vale 005	37	2	0	7	2	48	0.5%	J6C J7D J8C J9D J10C		
E02003663 : Aylesbury Vale 012	29	8	5	3	0	45	0.5%	J6C J7D J8C J9D J10C		
E02003474 : Milton Keynes 016	3	15	10	12	3	43	0.4%	J5A J18A J17A J16A J15A		
E02005678 : Northampton 029	5	19	7	3	7	41	0.4%	J5A J18A J17A J16A J15A		
E02005688 : South Northamptonshire 008	14	11	8	3	4	40	0.4%	J6C J7D J8C J9D J10D		
E02003633 : Bedford 018	3	9	6	9	11	38	0.4%	J5A J18A J17A J16A J15A		
E02003275 : Luton 018	7	11	9	6	5	38	0.4%	J5A J18A J17A J16A J15B		
E02003278 : Luton 021	9	16	3	8	2	38	0.4%	J5A J18A J17A J16A J15B		
E02003664 : Aylesbury Vale 013	17	10	2	8	1	38	0.4%	J6C J7C		
E02003644 : Central Bedfordshire 026	7	14	4	7	4	36	0.4%	J6B J4A J3B		
E02003658 : Aylesbury Vale 007	16	6	5	1	8	36	0.4%	J6B J4A J3C		
E02004868 : Dacorum 013	11	7	2	10	4	34	0.4%	J6B J4A J3B		
E02003637 : Central Bedfordshire 019	5	8	3	9	7	32	0.3%	J5A J18A J17A J16A J15A		
E02003271 : Luton 014	3	14	6	5	3	31	0.3%	J5A J18A J17A J16A J15B		
E02005674 : Northampton 025	3	15	4	2	4	28	0.3%	J5A J18A J17A J16A J15A		
E02003627 : Bedford 012	3	10	3	7	3	26	0.3%	J5A J18A J17A J16A J15A		
E02003629 : Bedford 014	0	5	2	14	3	24	0.2%	J5A J18A J17A J16A J15A		
E02003630 : Bedford 015	4	7	4	7	2	24	0.2%	J5A J18A J17A J16A J15A		
E02003459 : Milton Keynes 001	1	9	5	5	4	24	0.2%	J5D J12A		
E02003607 : Central Bedfordshire 009	3	7	6	7	0	23	0.2%	J5A J18A J17A J16A J15A		
E02005683 : South Northamptonshire 003	0	10	1	9	3	23	0.2%	J5A J18A J17A J16A J15A		
E02003668 : Aylesbury Vale 017	9	7	2	3	2	23	0.2%	J6C J7C		
E02005690 : South Northamptonshire 010	10	8	2	1	2	23	0.2%	J6C J7D J8C J9D J10D		
E02000977 : Westminster 018	5	8	4	4	1	22	0.2%	J5A J18A J17A J16A J15B		
E02003665 : Aylesbury Vale 014	8	4	0	6	4	22	0.2%	J6C J7C		
E02003670 : Aylesbury Vale 019	11	3	4	0	4	22	0.2%	J6C J7C		
E02005685 : South Northamptonshire 005	6	7	1	7	0	21	0.2%	J5D J12A		
E02003461 : Milton Keynes 003	2	7	4	3	4	20	0.2%	J5A J18A J17A J16A J15A		
E02003464 : Milton Keynes 006	3	10	4	1	2	20	0.2%	J5A J18A J17A J16A J15A		
E02005935 : Cherwell 015	5	8	2	5	0	20	0.2%	J6C J7D J8C J9D J10D		
E02004870 : Dacorum 015	2	4	2	4	7	19	0.2%	J6B J4A J3B		
E02005933 : Cherwell 013	10	6	0	1	2	19	0.2%	J6C J7D J8C J9D J10D		
E02003660 : Aylesbury Vale 009	5	1	1	2	8	17	0.2%	J6B J4A J3C		
E02003710 : Wycombe 015	8	2	1	3	3	17	0.2%	J6C J7C		
E02003610 : Central Bedfordshire 012	1	6	3	2	4	16	0.2%	J5A J18A J17A J16A J15A		
E02005670 : Northampton 021	1	8	3	3	1	16	0.2%	J5A J18A J17A J16A J15A		
E02003647 : Central Bedfordshire 029	1	5	1	4	3	14	0.1%	J6B J4A J3B		
E02003667 : Aylesbury Vale 016	9	2	1	1	1	14	0.1%	J6C J7C		
E02003672 : Aylesbury Vale 021	7	5	0	0	2	14	0.1%	J6C J7C		
E02005939 : Cherwell 019	3	8	3	0	0	14	0.1%	J6C J7D J8C J9D J10D		
E02003622 : Bedford 007	0	4	0	3	6	13	0.1%	J5A J18A J17A J16A J15A		
E02003625 : Bedford 010	1	4	2	4	2	13	0.1%	J5A J18A J17A J16A J15A		
E02003276 : Luton 019	3	3	2	3	2	13	0.1%	J5A J18A J17A J16A J15B		
E02003645 : Central Bedfordshire 027	4	2	2	3	2	13	0.1%	J6B J4A J3B		
E02003661 : Aylesbury Vale 010	10	0	0	3	0	13	0.1%	J6C J7C		
E02003675 : Aylesbury Vale 024	9	1	0	0	3	13	0.1%	J6C J7D J8C J9D J10C		
E02005621 : Daventry 003	1	8	1	2	0	12	0.1%	J5D J12A		
E02003640 : Central Bedfordshire 022	4	2	2	2	2	12	0.1%	J6B J4A J3B		
E02003659 : Aylesbury Vale 008	8	2	1	1	0	12	0.1%	J6C J7C		
E02005924 : Cherwell 004	6	3	0	3	0	12	0.1%	J6C J7D J8C J9D J10D		
E02003606 : Central Bedfordshire 008	2	2	3	3	1	11	0.1%	J5A J18A J17A J16A J15A		
E02005684 : South Northamptonshire 004	1	2	6	1	1	11	0.1%	J5D J12A		
E02004983 : Welwyn Hatfield 004	2	3	2	2	2	11	0.1%	J5A J18A J17A J16A J15B		
E02003682 : Chiltern 007	3	3	3	1	1	11	0.1%	J6C J7C		
E02005636 : East Northamptonshire 008	0	3	4	2	1	10	0.1%	J5A J18A J17A J16A J15A		
E02004935 : St Albans 012	2	5	0	1	2	10	0.1%	J5A J18A J17A J16A J15B		
E02004989 : Welwyn Hatfield 010	0	8	2	0	0	10	0.1%	J5A J18A J17A J16A J15B		
E02004859 : Dacorum 004	1	3	2	1	3	10	0.1%	J6B J4A J3B		
E02004864 : Dacorum 009	2	2	0	6	0	10	0.1%	J6B J4A J3B		
E02005931 : Cherwell 011	6	1	3	0	0	10	0.1%	J6C J7D J8C J9D J10D		
E02005936 : Cherwell 016	4	5	0	1	0	10	0.1%	J6C J7D J8C J9D J10D		
E02000001 : City of London 001	4	1	2	2	0	9	0.1%	J5A J18A J17A J16A J15B		
E02005934 : Cherwell 014	7	0	1	1	0	9	0.1%	J6C J7D J8C J9D J10D		
E02005952 : Oxford 013	3	4	1	1	0	9	0.1%	J6C J7D J8C J9D J10D		
E02005958 : South Oxfordshire 001	7	1	0	1	0	9	0.1%	J6C J7D J8C J9D J10D		
E02003619 : Bedford 004	1	2	3	0	2	8	0.1%	J5A J18A J17A J16A J15A		
E02003613 : Central Bedfordshire 015	2	1	1	3	1	8				

WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)

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population

units

date

method of travel to work

All usual residents aged 16 and over in employment the week before the census

Persons

2011

Driving a car or van

Employment Distribution								
usual residence : 2011 super output area - middle layer	E02003654 : Aylesbury Vale 003	E02003486 : Milton Keynes 028	E02003487 : Milton Keynes 029	E02003489 : Milton Keynes 031	E02003490 : Milton Keynes 032	TOTAL	Proportion	Assignment
E02003487 : Milton Keynes 029	22	27	44	95	10	198	4.9%	J5A J18B
E02003486 : Milton Keynes 028	14	63	14	62	15	168	4.1%	J5D
E02003483 : Milton Keynes 025	16	39	10	77	25	167	4.1%	J5A J18D J13D
E02003489 : Milton Keynes 031	14	14	11	69	16	124	3.1%	J5B J2B J1A
E02003484 : Milton Keynes 026	11	30	10	56	10	117	2.9%	J5A J18A J17D J14A
E02003477 : Milton Keynes 019	15	17	11	67	5	115	2.8%	J5D J12A
E02003654 : Aylesbury Vale 003	66	8	3	28	9	114	2.8%	J6B J4A
E02003485 : Milton Keynes 027	9	13	9	67	14	112	2.8%	J5A J18A J17B
E02003475 : Milton Keynes 017	8	14	7	61	21	111	2.7%	J5A J18A J17A J16A J15A
E02003490 : Milton Keynes 032	8	12	3	49	32	104	2.6%	J5B J2B J1C
E02003488 : Milton Keynes 030	11	8	4	55	25	103	2.5%	J5B J2B J1B
E02003480 : Milton Keynes 022	8	11	6	51	20	96	2.4%	J5A J18A J17A J16A J15B
E02003474 : Milton Keynes 016	6	14	5	43	12	80	2.0%	J5A J18A J17A J16A J15A
E02003460 : Milton Keynes 002	13	10	1	44	11	79	1.9%	J5D J12A
E02003482 : Milton Keynes 024	2	9	5	46	8	70	1.7%	J5A J18A J17A J16A J15A
E02003463 : Milton Keynes 005	5	16	2	33	11	67	1.7%	J5A J18A J17A J16A J15A
E02005688 : South Northamptonshire 008	15	8	4	30	9	66	1.6%	J5A J18A J17A J16A J15B
E02003481 : Milton Keynes 023	2	15	6	36	5	64	1.6%	J5B J2B J1B
E02003656 : Aylesbury Vale 005	45	7	0	10	2	64	1.6%	J6C J7D J8C J9D J10C
E02003468 : Milton Keynes 010	11	5	5	29	12	62	1.5%	J5D J12A
E02003473 : Milton Keynes 015	5	13	1	35	5	59	1.5%	J5D J12A
E02003479 : Milton Keynes 021	3	18	3	29	6	59	1.5%	J5A J18A J17A J16A J15D
E02003476 : Milton Keynes 018	6	13	4	33	2	58	1.4%	J5A J18A J17A J16A J15A
E02003465 : Milton Keynes 007	1	9	5	32	10	57	1.4%	J5A J18A J17A J16A J15A
E02003652 : Aylesbury Vale 001	30	4	1	20	2	57	1.4%	J6C J7D J8C J9D J10D
E02003466 : Milton Keynes 008	9	7	3	29	8	56	1.4%	J5D J12A
E02003472 : Milton Keynes 014	3	16	4	23	10	56	1.4%	J5A J18A J17A J16A J15D
E02003478 : Milton Keynes 020	5	7	2	35	5	54	1.3%	J5D J12A
E02003462 : Milton Keynes 004	6	9	0	35	3	53	1.3%	J5A J18A J17A J16A J15A
E02003657 : Aylesbury Vale 006	22	6	2	18	5	53	1.3%	J6B J4A J3C
E02003653 : Aylesbury Vale 002	23	3	2	21	3	52	1.3%	J6C J7D J8C J9D J10D
E02003461 : Milton Keynes 003	9	8	4	25	4	50	1.2%	J5A J18A J17A J16A J15A
E02003643 : Central Bedfordshire 024	5	8	1	23	7	44	1.1%	J5A J18A J17A J16A J15A
E02003469 : Milton Keynes 011	4	6	2	28	4	44	1.1%	J5D J12A
E02005683 : South Northamptonshire 003	8	7	2	23	3	43	1.1%	J5A J18A J17A J16A J15A
E02003471 : Milton Keynes 013	7	10	0	18	6	41	1.0%	J5A J18A J17A J16A J15D
E02003655 : Aylesbury Vale 004	21	4	1	9	3	38	0.9%	J6C J7D J8C J9D J10D
E02003639 : Central Bedfordshire 021	7	4	4	14	8	37	0.9%	J5A J18A J17A J16A J15A
E02003467 : Milton Keynes 009	4	5	5	20	3	37	0.9%	J5A J18A J17A J16A J15A
E02003459 : Milton Keynes 001	4	1	3	28	0	36	0.9%	J5D J12A
E02003464 : Milton Keynes 006	0	10	0	20	5	35	0.9%	J5A J18A J17A J16A J15A
E02003638 : Central Bedfordshire 020	4	6	0	20	3	33	0.8%	J5A J18A J17A J16A J15A
E02003470 : Milton Keynes 012	5	4	2	16	6	33	0.8%	J5D J12A
E02003605 : Central Bedfordshire 007	2	3	2	11	8	26	0.6%	J5A J18A J17A J16A J15A
E02003640 : Central Bedfordshire 022	7	2	0	12	5	26	0.6%	J5A J18A J17A J16A J15A
E02005684 : South Northamptonshire 004	1	2	1	15	4	23	0.6%	J5D J12A
E02003637 : Central Bedfordshire 019	2	2	0	14	5	23	0.6%	J5A J18A J17A J16A J15A
E02005685 : South Northamptonshire 005	2	0	0	19	1	22	0.5%	J5D J12A
E02003658 : Aylesbury Vale 007	10	0	2	7	0	19	0.5%	J6B J4A J3C
E02005701 : Wellingborough 010	3	2	1	9	1	16	0.4%	J5A J18A J17A J16A J15A
E02003607 : Central Bedfordshire 009	2	4	0	7	2	15	0.4%	J5A J18A J17A J16A J15A
E02003641 : Central Bedfordshire 023	1	1	1	11	1	15	0.4%	J5A J18A J17A J16A J15A
E02005677 : Northampton 028	2	1	0	11	0	14	0.3%	J5A J18A J17A J16A J15B
E02005680 : Northampton 031	2	3	0	8	1	14	0.3%	J5A J18A J17A J16A J15B
E02005687 : South Northamptonshire 007	4	1	2	6	0	13	0.3%	J6C J7D J8C J9D J10D
E02003610 : Central Bedfordshire 012	0	1	1	9	1	12	0.3%	J5A J18A J17A J16A J15A
E02005689 : South Northamptonshire 009	1	3	0	5	2	11	0.3%	J6C J7D J8C J9D J10D
E02003659 : Aylesbury Vale 008	7	0	0	3	0	10	0.2%	J6C J7C
E02005679 : Northampton 030	3	0	0	4	2	9	0.2%	J5A J18A J17A J16A J15B
E02005690 : South Northamptonshire 010	1	5	0	3	0	9	0.2%	J6C J7D J8C J9D J10D
E02003617 : Bedford 002	0	2	0	7	0	9	0.2%	J5A J18A J17A J16A J15A
E02003614 : Central Bedfordshire 016	2	2	1	4	0	9	0.2%	J5A J18A J17A J16A J15A
E02003615 : Central Bedfordshire 017	0	1	1	5	2	9	0.2%	J5A J18A J17A J16A J15A
E02003642 : Central Bedfordshire 025	0	1	0	4	4	9	0.2%	J5A J18A J17A J16A J15A
E02003648 : Central Bedfordshire 030	4	2	1	2	0	9	0.2%	J5A J18A J17A J16A J15A
E02003670 : Aylesbury Vale 019	3	1	0	5	0	9	0.2%	J6C J7C
E02005682 : South Northamptonshire 002	2	2	0	4	0	8	0.2%	J5A J18A J17A J16A J15B
E02003633 : Bedford 018	0	1	0	5	2	8	0.2%	J5A J18A J17A J16A J15A
E02003634 : Bedford 019	2	1	0	3	2	8	0.2%	J5A J18A J17A J16A J15A
E02003259 : Luton 002	4	1	0	3	0	8	0.2%	J5A J18A J17A J16A J15B
E02003275 : Luton 018	0	8	0	0	0	8	0.2%	J5A J18A J17A J16A J15B
E02003278 : Luton 021	0	6	0	1	1	8	0.2%	J5A J18A J17A J16A J15B
E02003664 : Aylesbury Vale 013	5	3	0	0	0	8	0.2%	J6C J7C
E02003668 : Aylesbury Vale 017	4	0	0	4	0	8	0.2%	J6C J7C
E02005660 : Northampton 011	1	2	0	3	1	7	0.2%	J5A J18A J17A J16A J15B
E02005678 : Northampton 029	1	1	0	3	2	7	0.2%	J5A J18A J17A J16A J15B
E02005699 : Wellingborough 008	0	3	0	4	0	7	0.2%	J5A J18A J17A J16A J15A
E02003613 : Central Bedfordshire 015	2	1	1	2	1	7	0.2%	J5A J18A J17A J16A J15A
E02003276 : Luton 019	0	4	0	3	0	7	0.2%	J5A J18A J17A J16A J15B
E02004874 : Dacorum 019	0	0	0	7	0	7	0.2%	J6B J4A J3B
E02003662 : Aylesbury Vale 011	4	0	0	2	1	7	0.2%	J6C J7C
E02003672 : Aylesbury Vale 021	2	1	2	2	0	7	0.2%	J6C J7C
E02005931 : Cherwell 011	2	1	0	4	0	7	0.2%	J6C J7D J8C J9D J10D
E02005695 : Wellingborough 004	0	3	0	3	0	6	0.1%	J5A J18A J17A J16A J15A
E02003618 : Bedford 003	0	1	0	4	1	6	0.1%	J5A J18A J17A J16A J15A
E02003606 : Central Bedfordshire 008	1	1	0	1	3	6	0.1%	J5A J18A J17A J16A J15A
E02003647 : Central Bedfordshire 029	1	2	0	2	1	6	0.1%	J5A J18A J17A J16A J15A
E02003266 : Luton 009	0	2	0	1	3	6	0.1%	J5A J18A J17A J16A J15B
E02005934 : Cherwell 014	0	2	0	3	1	6	0.1%	J6C J7D J8C J9D J10D

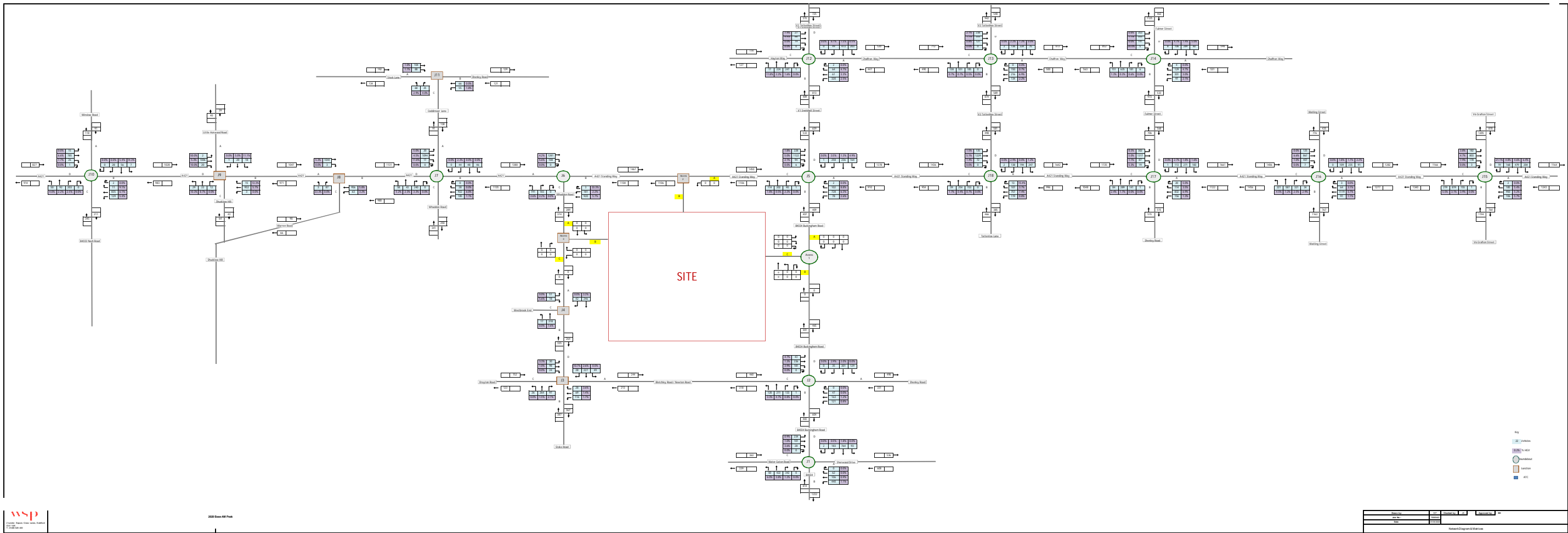
Route Assignmentment	Total Cars	%
J5A J18B	198	5%
J5A J18A J17B	112	3%
J5A J18A J17D J14A	117	3%
J5A J18A J17A J16A J15A	1011.5	28%
J5A J18A J17A J16A J15D	156	4%
J5A J18D J13D	163	4%
J5B J2B J1A	124	3%
J5B J2B J1B	162.5	4%
J5B J2B J1C	104	3%
J5D	168	5%
J5D J12A	583	16%
J6B J4A	114	3%
J6B J4A J3B	7	0%
J6B J4A J3C	72	2%
J6C J7D J8C J9D J10C	64	2%
J6C J7D J8C J9D J10D	193	5%
J6C J7C	49	1%
J5A J18A J17A J16A J15B	253.5	7%
J5A J18A J17A J16B	4.5	0%
J5D J12B	4	0%
Total	3660	100%

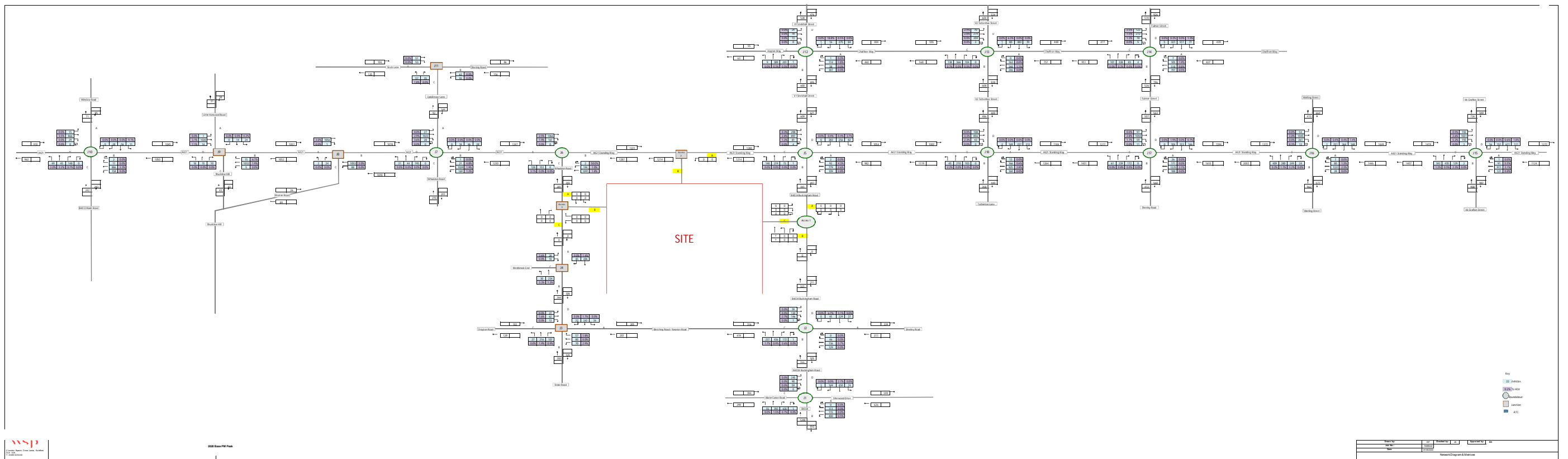
In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

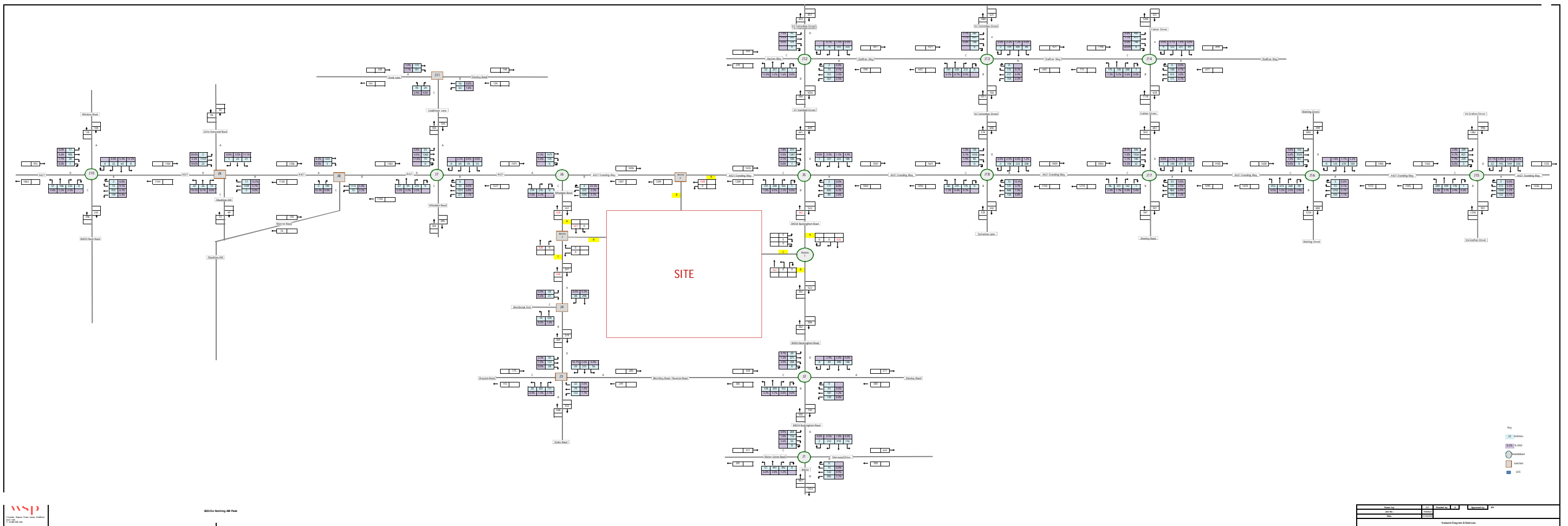
# Appendix T

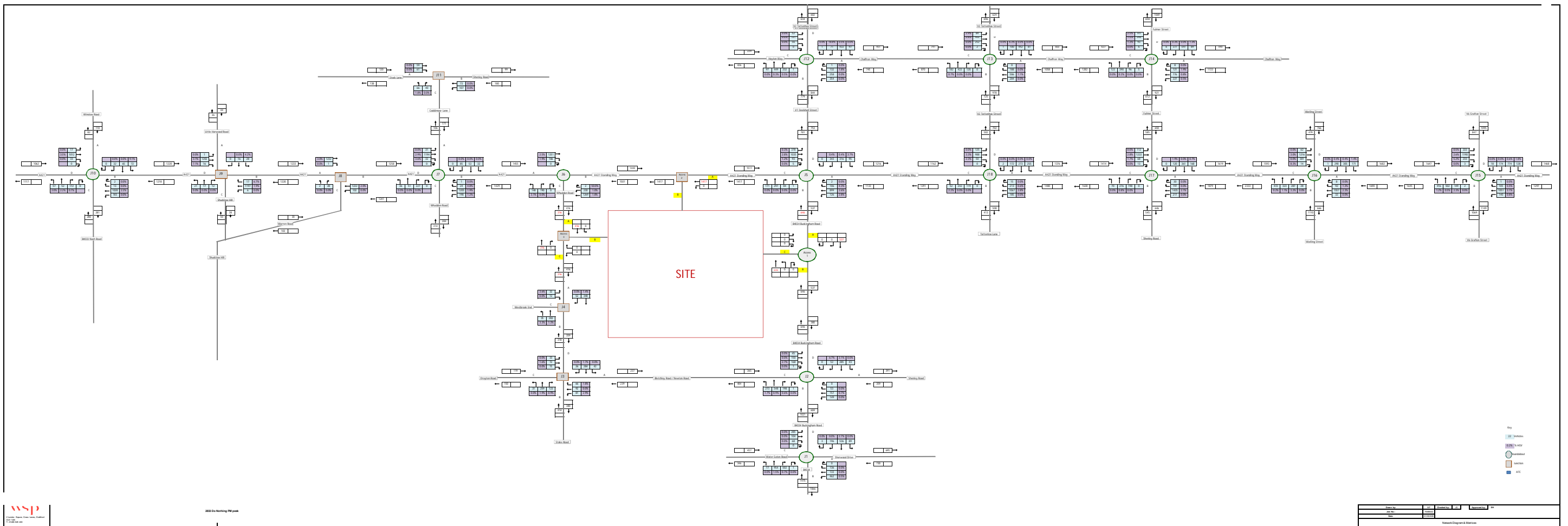
T - TRAFFIC FLOW DIAGRAMS

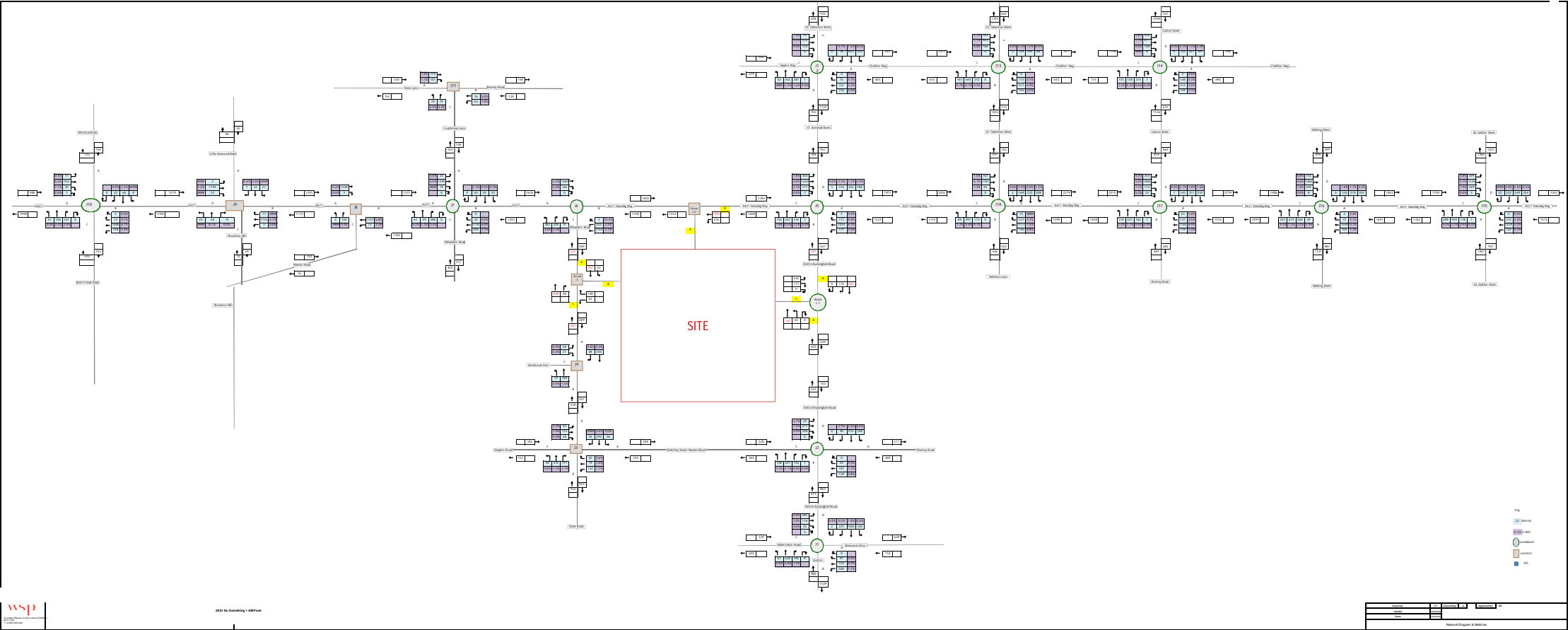


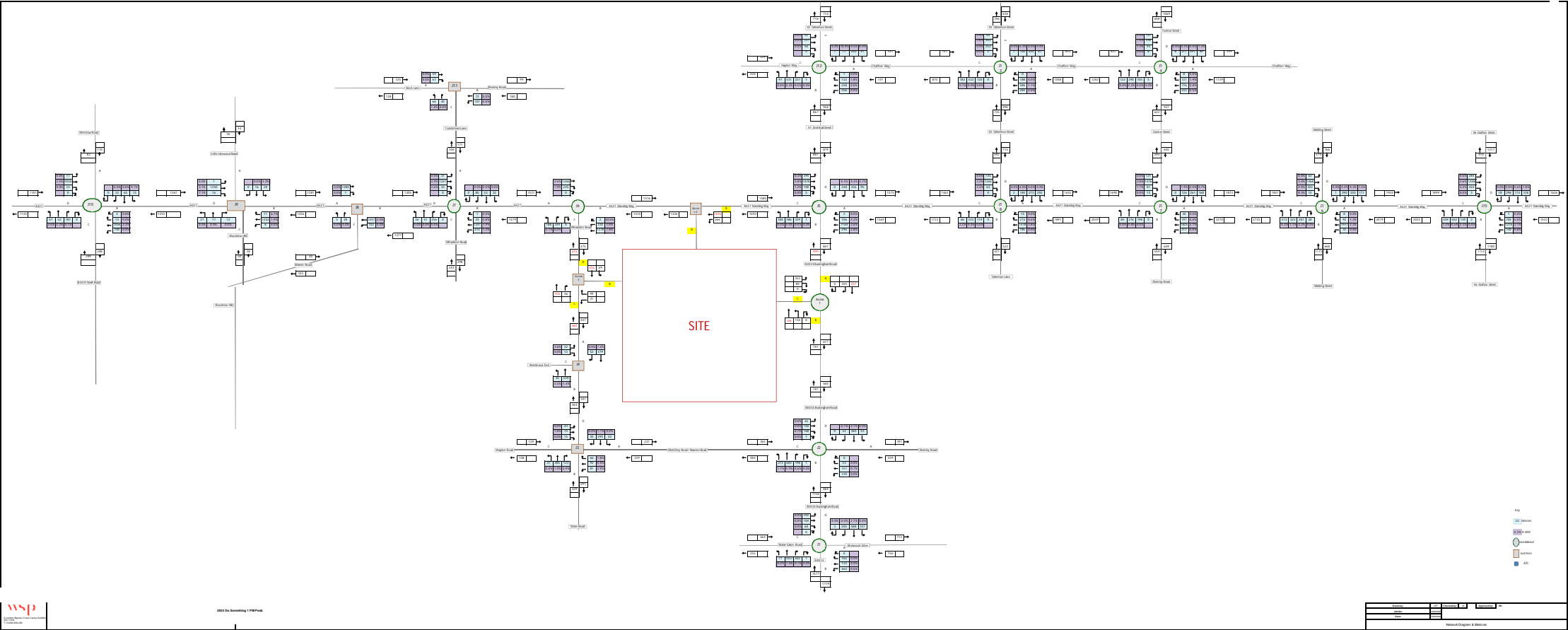


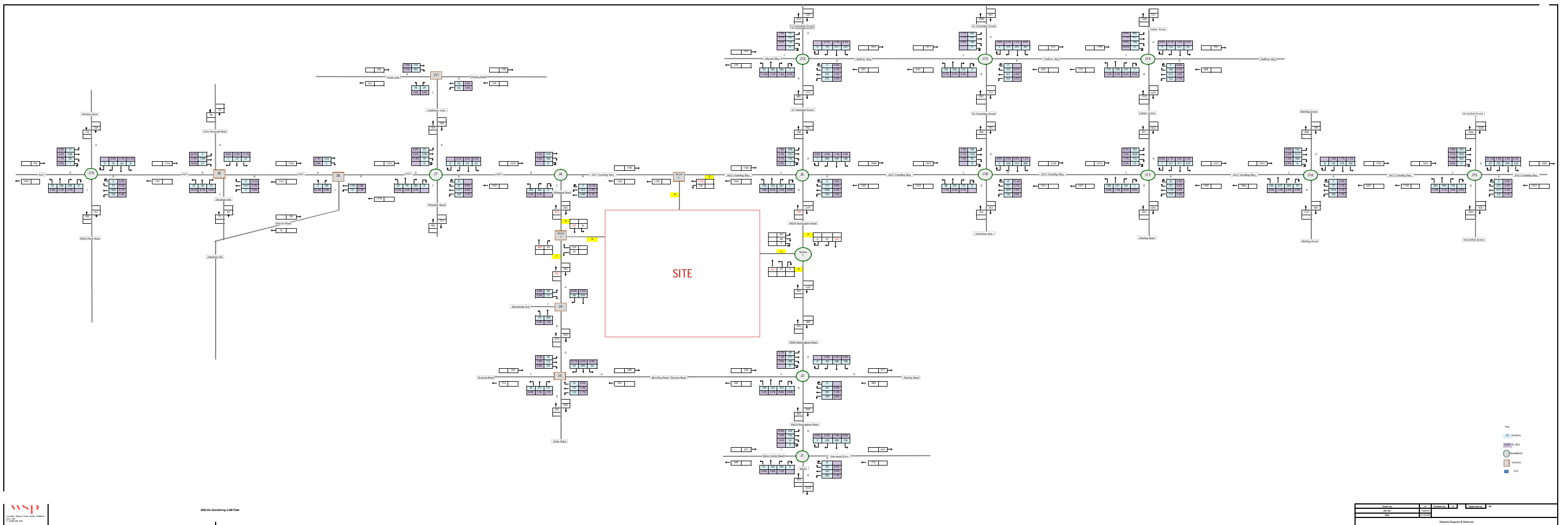


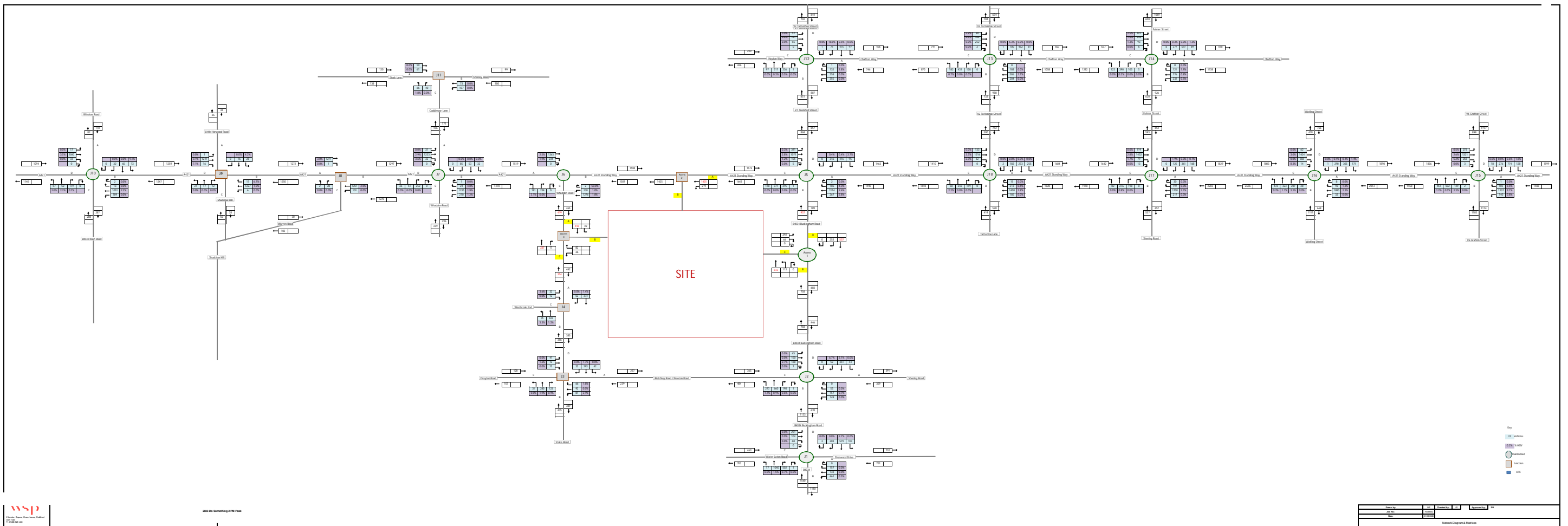


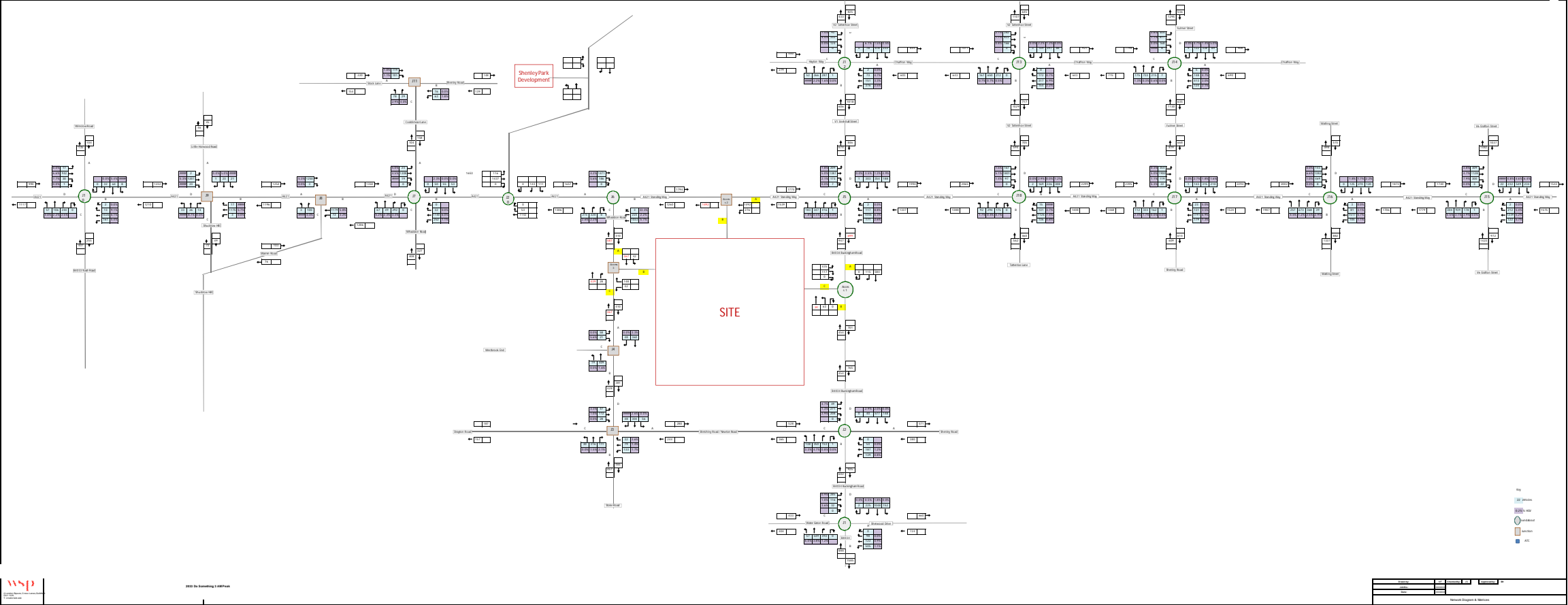


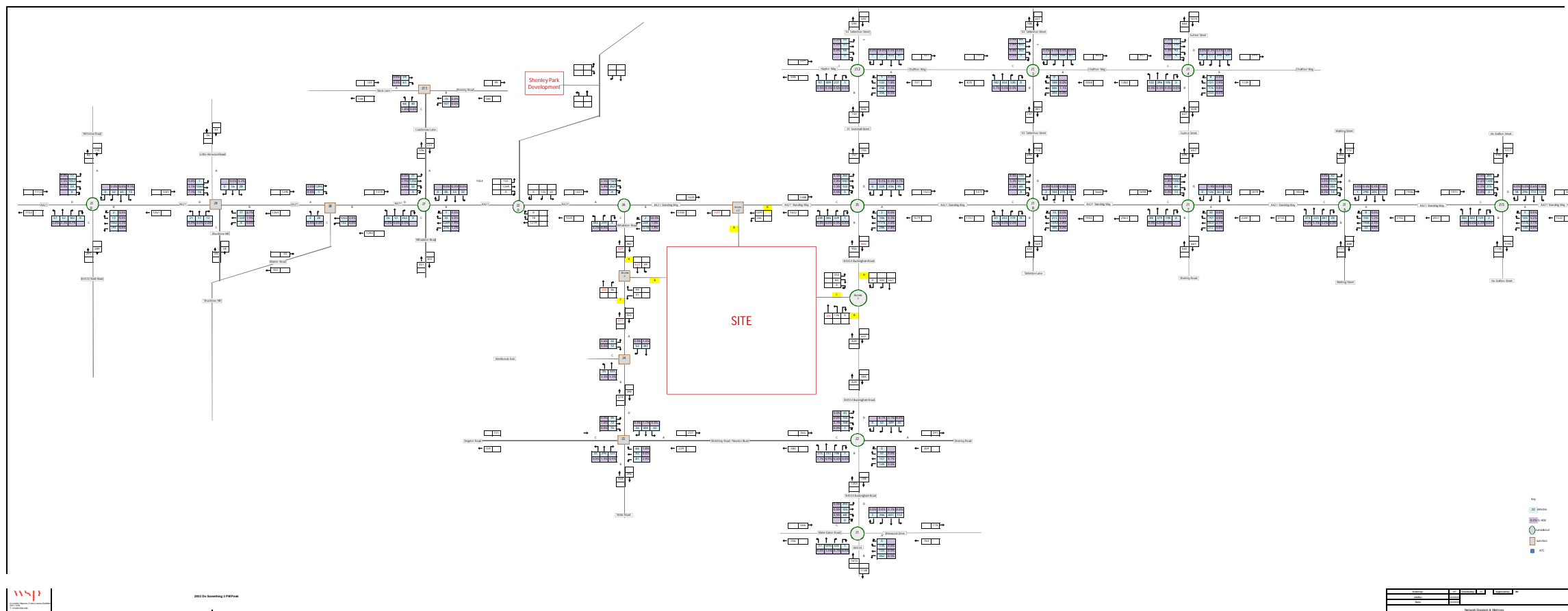












# Appendix U

U - MKC HOUSING TRAJECTORY



Area	Site	STATUS	2019/20		2020/21		2021/22		2022/23		2023/24		2024/25		2025/26		2026/27		2027/28		2028/29		2029/30		2030/31		2031/32		2032/33		2033/34		2034/35		2035/36		2036/37		2037/38		2038/39		2039/40		2040/41		2041/42		2042/43		2043/44		2044/45		2045/46		2046/47		2047/48		2048/49		2049/50		2050/51		2051/52		2052/53		2053/54		2054/55		2055/56		2056/57		2057/58		2058/59		2059/60		2060/61		2061/62		2062/63		2063/64		2064/65		2065/66		2066/67		2067/68		2068/69		2069/70		2070/71		2071/72		2072/73		2073/74		2074/75		2075/76		2076/77		2077/78		2078/79		2079/80		2080/81		2081/82		2082/83		2083/84		2084/85		2085/86		2086/87		2087/88		2088/89		2089/90		2090/91		2091/92		2092/93		2093/94		2094/95		2095/96		2096/97		2097/98		2098/99		2099/00		2100/01		2101/02		2102/03		2103/04		2104/05		2105/06		2106/07		2107/08		2108/09		2109/10		2110/11		2111/12		2112/13		2113/14		2114/15		2115/16		2116/17		2117/18		2118/19		2119/20		2120/21		2121/22		2122/23		2123/24		2124/25		2125/26		2126/27		2127/28		2128/29		2129/30		2130/31		2131/32		2132/33		2133/34		2134/35		2135/36		2136/37		2137/38		2138/39		2139/40		2140/41		2141/42		2142/43		2143/44		2144/45		2145/46		2146/47		2147/48		2148/49		2149/50		2150/51		2151/52		2152/53		2153/54		2154/55		2155/56		2156/57		2157/58		2158/59		2159/60		2160/61		2161/62		2162/63		2163/64		2164/65		2165/66		2166/67		2167/68		2168/69		2169/70		2170/71		2171/72		2172/73		2173/74		2174/75		2175/76		2176/77		2177/78		2178/79		2179/80		2180/81		2181/82		2182/83		2183/84		2184/85		2185/86		2186/87		2187/88		2188/89		2189/90		2190/91		2191/92		2192/93		2193/94		2194/95		2195/96		2196/97		2197/98		2198/99		2199/00		2200/01		2201/02		2202/03		2203/04		2204/05		2205/06		2206/07		2207/08		2208/09		2209/10		2210/11		2211/12		2212/13		2213/14		2214/15		2215/16		2216/17		2217/18		2218/19		2219/20		2220/21		2221/22		2222/23		2223/24		2224/25		2225/26		2226/27		2227/28		2228/29		2229/30		2230/31		2231/32		2232/33		2233/34		2234/35		2235/36		2236/37		2237/38		2238/39		2239/40		2240/41		2241/42		2242/43		2243/44		2244/45		2245/46		2246/47		2247/48		2248/49		2249/50		2250/51		2251/52		2252/53		2253/54		2254/55		2255/56		2256/57		2257/58		2258/59		2259/60		2260/61		2261/62		2262/63		2263/64		2264/65		2265/66		2266/67		2267/68		2268/69		2269/70		2270/71		2271/72		2272/73		2273/74		2274/75		2275/76		2276/77		2277/78		2278/79		2279/80		2280/81		2281/82		2282/83		2283/84		2284/85		2285/86		2286/87		2287/88		2288/89		2289/90		2290/91		2291/92		2292/93		2293/94		2294/95		2295/96		2296/97		2297/98		2298/99		2299/00		2300/01		2301/02		2302/03		2303/04		2304/05		2305/06		2306/07		2307/08		2308/09		2309/10		2310/11		2311/12		2312/13		2313/14		2314/15		2315/16		2316/17		2317/18		2318/19		2319/20		2320/21		2321/22		2322/23		2323/24		2324/25		2325/26		2326/27		2327/28		2328/29		2329/30		2330/31		2331/32		2332/33		2333/34		2334/35		2335/36		2336/37		2337/38		2338/39		2339/40		2340/41		2341/42		2342/43		2343/44		2344/45		2345/46		2346/47		2347/48		2348/49		2349/50		2350/51		2351/52		2352/53		2353/54		2354/55		2355/56		2356/57		2357/58		2358/59		2359/60		2360/61		2361/62		2362/63		2363/64		2364/65		2365/66		2366/67		2367/68		2368/69		2369/70		2370/71		2371/72		2372/73		2373/74		2374/75		2375/76		2376/77		2377/78		2378/79		2379/80		2380/81		2381/82		2382/83		2383/84		2384/85		2385/86		2386/87		2387/88		2388/89		2389/90		2390/91		2391/92		2392/93		2393/94		2394/95		2395/96		2396/97		2397/98		2398/99		2399/00		2400/01		2401/02		2402/03		2403/04		2404/05		2405/06		2406/07		2407/08		2408/09		2409/10		2410/11		2411/12		2412/13		2413/14		2414/15		2415/16		2416/17		2417/18		2418/19		2419/20		2420/21		2421/22		2422/23		2423/24		2424/25		2425/26		2426/27		2427/28		2428/29		2429/30		2430/31		2431/32		2432/33		2433/34		2434/35		2435/36		2436/37		2437/38		2438/39		2439/40		2440/41		2441/42		2442/43		2443/44		2444/45		2445/46		2446/47		2447/48		2448/49		2449/50		2450/51		2451/52		2452/53		2453/54		2454/55		2455/56		2456/57		2457/58		2458/59		2459/60		2460/61		2461/62		2462/63		2463/64		2464/65		2465/66		2466/67		2467/68		2468/69		2469/70		2470/71		2471/72		2472/73		2473/74		2474/75		2475/76		2476/77		2477/78		2478/79		2479/80		2480/81		2481/82		2482/83		2483/84		2484/85		2485/86		2486/87		2487/88		2488/89		2489/90		2490/91		2491/92		2492/93		2493/94		2494/95		2495/96		2496/97		2497/98		2498/99		2499/00		2500/01		2501/02		2502/03		2503/04		2504/05		2505/06		2506/07		2507/08		2508/09		2509/10		2510/11		2511/12		2512/13		2513/14		2514/15		2515/16		2516/17		2517/18		2518/19		2519/20		2520/21		2521/22		2522/23		2523/24		2524/25		2525/26		2526/27		2527/28		2528/29		2529/30		2530/31		2531/32		2532/33		2533/34		2534/35		2535/36		2536/37		2537/38		2538/39		2539/40		2540/41		2541/42		2542/43		2543/44		2544/45		2545/46		2546/47		2547/48		2548/49		2549/50		2550/51		2551/52		2552/53		2553/54		2554/55		2555/56		2556/57		2557/58		2558/59		2559/60		2560/61		2561/62		2562/63		2563/64		2564/65		2565/66		2566/67		2567/68		2568/69		2569/70		2570/71		2571/72		2572/7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Area	Site	STATUS	2016/20										2020/21										2021/22										2022/23										2023/24										2024/25										2025/26										2026/27										2027/28										2028/29										2029/30										2030/31										2031/32										2032/33										2033/34										2034/35										2035/36										2036/37										2037/38										2038/39										2039/40										2040/41										2041/42										2042/43										2043/44										2044/45										2045/46										2046/47										2047/48										2048/49										2049/50										2050/51										2051/52										2052/53										2053/54										2054/55										2055/56										2056/57										2057/58										2058/59										2059/60										2060/61										2061/62										2062/63										2063/64										2064/65										2065/66										2066/67										2067/68										2068/69										2069/70										2070/71										2071/72										2072/73										2073/74										2074/75										2075/76										2076/77										2077/78										2078/79										2079/80										2080/81										2081/82										2082/83										2083/84										2084/85										2085/86										2086/87										2087/88										2088/89										2089/90										2090/91										2091/92										2092/93										2093/94										2094/95										2095/96										2096/97										2097/98										2098/99										2099/00										2100/01										2101/02										2102/03										2103/04										2104/05										2105/06										2106/07										2107/08										2108/09										2109/10										2110/11										2111/12										2112/13										2113/14										2114/15										2115/16										2116/17										2117/18										2118/19										2119/20										2120/21										2121/22										2122/23										2123/24										2124/25										2125/26										2126/27										2127/28										2128/29										2129/30										2130/31										2131/32										2132/33										2133/34										2134/35										2135/36										2136/37										2137/38										2138/39										2139/40										2140/41										2141/42										2142/43										2143/44										2144/45										2145/46										2146/47										2147/48										2148/49				
Notes on deliverability	Planning Reference	OUT	FULFILL	OTHER	Outstanding	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50	Year 51	Year 52	Year 53	Year 54	Year 55	Year 56	Year 57	Year 58	Year 59	Year 60	Year 61	Year 62	Year 63	Year 64	Year 65	Year 66	Year 67	Year 68	Year 69	Year 70	Year 71	Year 72	Year 73	Year 74	Year 75	Year 76	Year 77	Year 78	Year 79	Year 80	Year 81	Year 82	Year 83	Year 84	Year 85	Year 86	Year 87	Year 88	Year 89	Year 90	Year 91	Year 92	Year 93	Year 94	Year 95	Year 96	Year 97	Year 98	Year 99	Year 100	Year 101	Year 102	Year 103	Year 104	Year 105	Year 106	Year 107	Year 108	Year 109	Year 110	Year 111	Year 112	Year 113	Year 114	Year 115	Year 116	Year 117	Year 118	Year 119	Year 120	Year 121	Year 122	Year 123	Year 124	Year 125	Year 126	Year 127	Year 128	Year 129	Year 130	Year 131	Year 132	Year 133	Year 134	Year 135	Year 136	Year 137	Year 138	Year 139	Year 140	Year 141	Year 142	Year 143	Year 144	Year 145	Year 146	Year 147	Year 148	Year 149	Year 150	Year 151	Year 152	Year 153	Year 154	Year 155	Year 156	Year 157	Year 158	Year 159	Year 160	Year 161	Year 162	Year 163	Year 164	Year 165	Year 166	Year 167	Year 168	Year 169	Year 170	Year 171	Year 172	Year 173	Year 174	Year 175	Year 176	Year 177	Year 178	Year 179	Year 180	Year 181	Year 182	Year 183	Year 184	Year 185	Year 186	Year 187	Year 188	Year 189	Year 190	Year 191	Year 192	Year 193	Year 194	Year 195	Year 196	Year 197	Year 198	Year 199	Year 200	Year 201	Year 202	Year 203	Year 204	Year 205	Year 206	Year 207	Year 208	Year 209	Year 210	Year 211	Year 212	Year 213	Year 214	Year 215	Year 216	Year 217	Year 218	Year 219	Year 220	Year 221	Year 222	Year 223	Year 224	Year 225	Year 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