

## **Appendix A**

### **Development details**

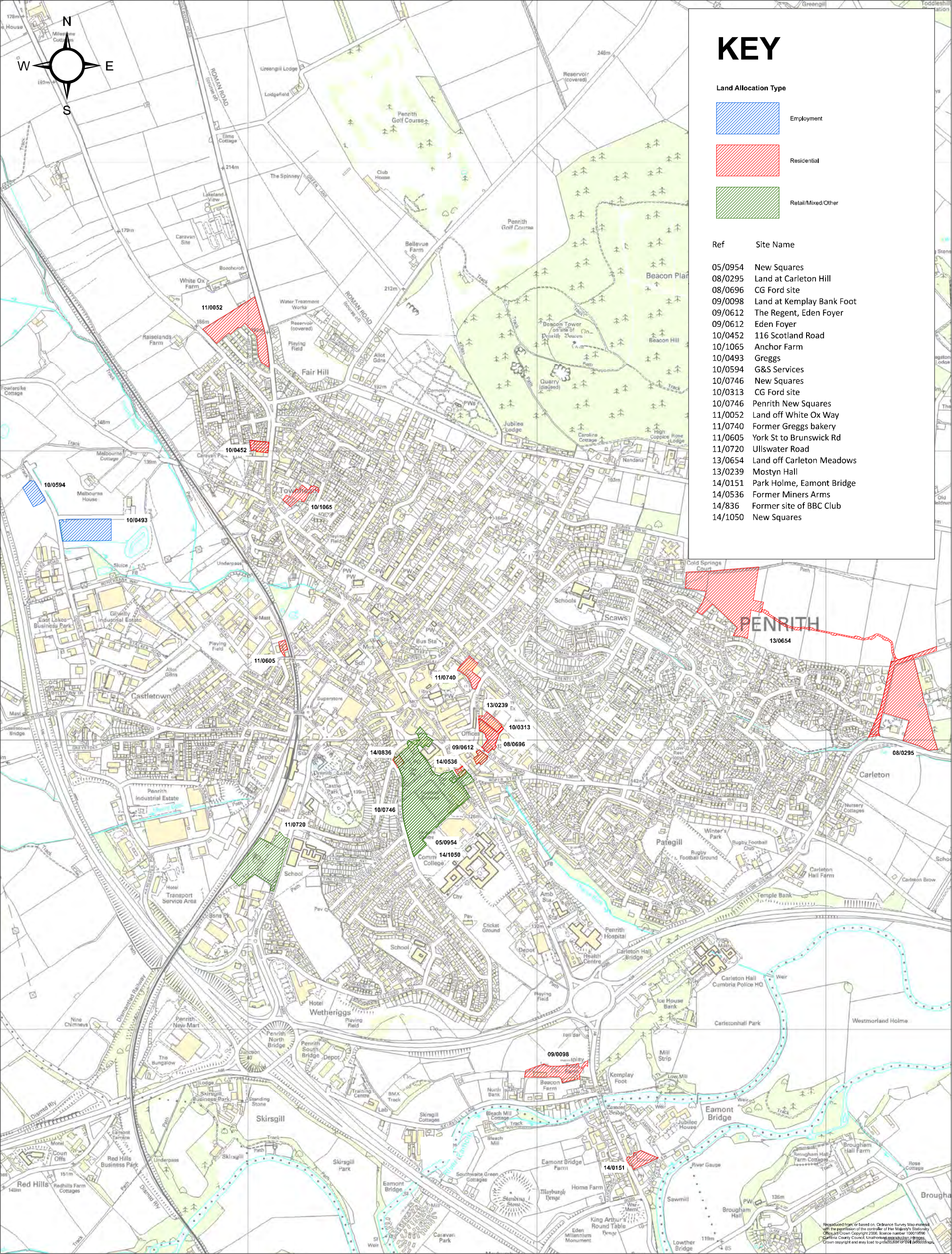
Figure A1: 2032 Base development

Figure A2: 2032 Local Plan development

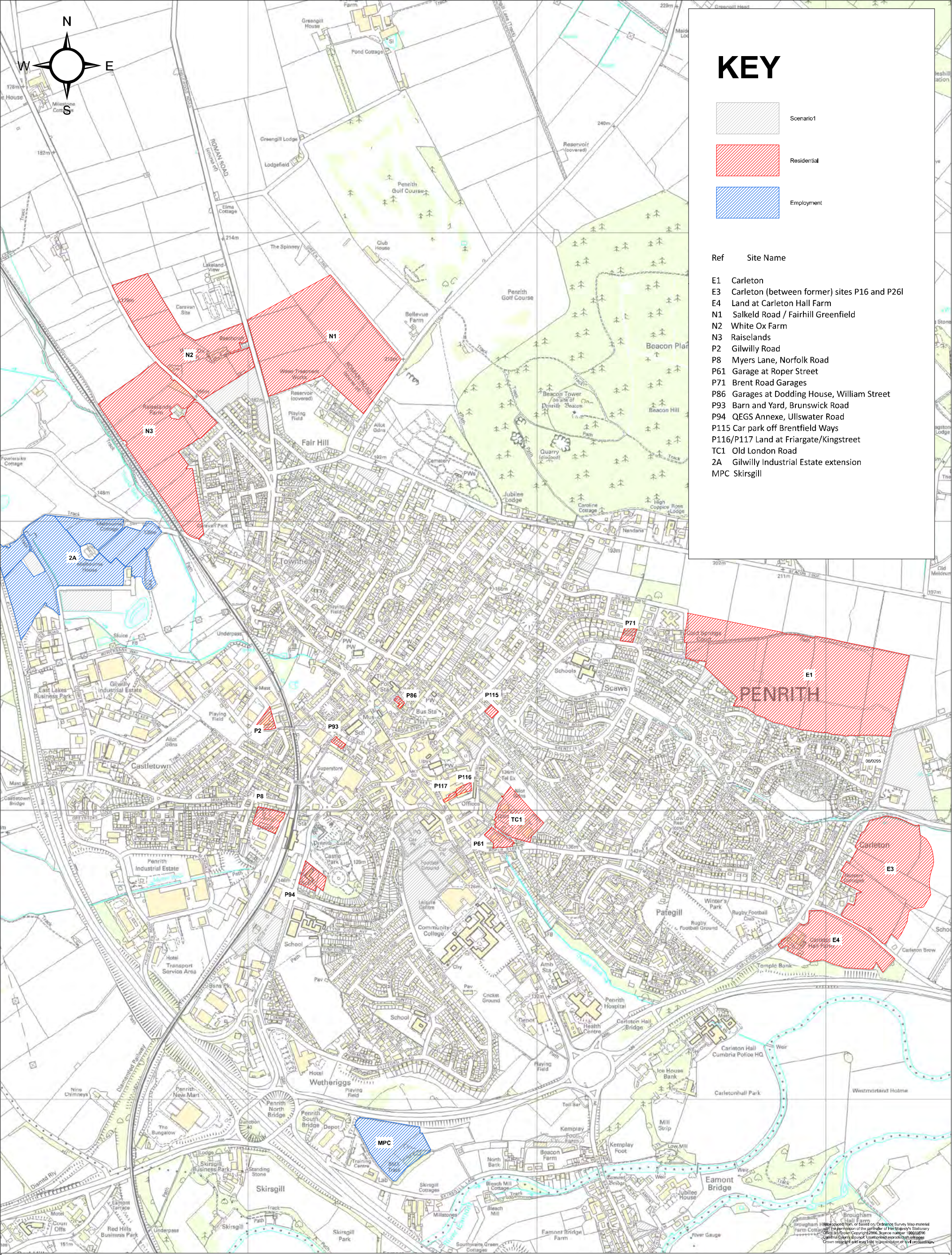
Site details and trip generation

Trip rates and TRICS output











Scenario 1: 2032 Base

Completed residential developments (2012 – 2014):					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
08/0696 10/0313	CG Ford site		33		4	14	13	8
09/0612	The Regent, Eden Foyer	Old London Road	27	Apartments	2	10	9	5
10/0452	116 Scotland Road (complete)		5	Site P63, 16 dwellings total	1	2	2	1
10/0746	Penrith New Squares		75	Apartments	9	33	30	18
10/0987	Clifton Hill Hotel, Clifton	A6	48		6	21	19	12
10/1065	Anchor Farm (complete)		13	22 dwellings total	2	6	5	3
11/0605	York St to Brunswick Rd	York St	10		1	4	4	2
13/0239	Mostyn Hall	Friargate	15	Affordable housing	2	7	6	4
TOTAL			226	258 dwellings	28	96	87	53

Completed employment/mixed/other developments (2012 – 2014):					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
09/0612	Eden Foyer		1,580 sqm	B1 office	40	5	7	33
11/0720	Ullswater Road		5,905 sqm	A1 non-food retail 20% passby trips	14	8	33	32
TOTAL			1,580 sqm B1, 5,905 sqm A1 non-food		54	13	39	65

**Scenario 1: 2032 Base**

**Committed residential developments:**

					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
08/0295	Land at Carleton Hill		44		6	19	17	11
09/0098	Land at Kemplay Bank		24		2	11	10	5
11/0446	Foot, Eamont Bridge							
10/0452	116 Scotland Road (committed)		11	Site P63, 16 dwellings total	1	5	4	3
10/1065	Anchor Farm (committed)	McAdam Way	9	22 dwellings total	1	4	4	2
11/0052	Land off White Ox Way		35		4	15	14	8
11/0740	Former Greggs bakery		48	Retirement flats	5	5	3	3
13/0630	Land adj St Johns Rd, Stainton		11		1	5	5	2
13/0654	Land off Carleton Meadows		55		7	24	22	13
14/0151	Park Holme, Eamont Bridge	A6	24	Retirement flats	2	11	10	5
14/0528	Stayne Garth, Stainton		30		3	14	13	6
14/0536	Former Miners Arms	Southend Road	23	Apartments	2	8	8	4
14/0836	Former site of BBC Club	West Lane	28	Extra care facility	2	2	2	4
TOTAL			342		37	124	111	65
					342 dwellings			

**Committed employment developments:**

					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
10/0493	Greggs	Cowper Road	2,550 sqm	B2 employment	12	3	0	10
10/0594	G&S Services	Cowper Road	970 sqm	B1c employment, also small retail	4	1	0	4
TOTAL					16	4	0	14
					970 sqm B1c, 2,550 sqm B2			

**Committed mixed/other developments:**

					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
05/0954	New Squares	Southend Road	6,593 sqm	A1 non-food retail.	16	9	37	36
10/0746				20% passby and 20% linked trips				
14/1050	New Squares	Southend Road	60-bed	Hotel	9	9	8	7
TOTAL					9	9	8	7
					6,593 sqm A1 non-food, 60-bed hotel			

Scenario 2: 2032 Local Plan

Preferred Residential Developments:					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
E1	Carleton		499	Does not include 55 units at Carleton Meadows, see [13/0654] Includes school	63	218	197	120
E3	Carleton (between former) sites P16 and P26		300		38	131	118	72
E4	Land at Carleton Hall Farm		108		14	47	43	26
N1	Salkeld Road/Fairhill Greenfield		120		15	52	47	29
N2	White Ox Farm		155		20	68	61	37
N3	Raiselands		240		30	105	95	58
P115	Car park off Brentfield Way		10		1	4	4	2
P116 P117	Land at Friargate/King Street		10		1	4	4	2
P2	Gilwilly Road		17		2	7	7	4
P61	Garage at Roper Street		19		2	8	7	5
P71	Brent Road Garages		6		1	3	2	1
P86	Garages at Dodding House	William Street	4		1	2	2	1
P8	Myers Lane	Norfolk Road	32		4	14	13	8
P93	Barn and Yard	Brunswick Road	5		1	2	2	1
P94	QEGS Annex	Ullswater Road	29		4	13	11	7
TC1	Old London Road		27		3	12	11	6
TOTAL			1,581	1,581 dwellings	199	689	623	379

Preferred Employment Developments:					AM Peak		PM Peak	
Ref	Site Name	Access	Size	Notes	In	Out	In	Out
2A	Gilwilly Industrial Estate extension		12.16 ha	Assume employment use similar to existing industrial estate (i.e. B1c/B2/B8)	176	101	41	135
MPC	Skirsgill		3.29 ha	Assume employment use similar to existing industrial estate (i.e. B1c/B2/B8)	54	21	9	38
TOTAL			15.45 ha employment (B1c/B2/B8)		176	101	41	135

**Penrith Local Plan transport modelling**  
**Trip rates for proposed developments**

Development Name	Scenario	TRICS land use category	Factors to reduce new trip generation			Car trip rates				Heavy goods vehicle trip rates			
			Reassign	Passby	Linked	AM in	AM out	PM in	PM out	AM in	AM out	PM in	PM out
CG Ford site	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
The Regent, Eden Foyer	1 2032 Base	Residential (flats)				0.090	0.352	0.336	0.180	0.000	0.000	0.000	0.000
Former County Garage	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
116 Scotland Road (complete)	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Penrith New Squares	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Clifton Hill Hotel, Clifton	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Anchor Farm (complete)	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
York St to Brunswick Rd	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Mostyn Hall	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Eden Foyer	1 2032 Base	Office employment				2.542	0.294	0.398	2.067	0.009	0.009	0.019	0.019
Ullswater Road	1 2032 Base	Non-food retail		20%		0.225	0.119	0.555	0.541	0.014	0.014	0.000	0.000
Land at Carleton Hill	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Land at Kemplay Bank Foot, Eamont Bridge	1 2032 Base	Residential (rural)				0.093	0.471	0.429	0.189	0.003	0.000	0.000	0.003
116 Scotland Road (committed)	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Anchor Farm (committed)	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Land off White Ox Way	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Former Greggs bakery	1 2032 Base	Retirement flats				0.114	0.096	0.054	0.060	0.000	0.000	0.000	0.006
Land adj St Johns Rd, Stainton	1 2032 Base	Residential (rural)				0.093	0.471	0.429	0.189	0.003	0.000	0.000	0.003
Land off Carleton Meadows	1 2032 Base	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Park Holme, Eamont Bridge	1 2032 Base	Residential (rural)				0.093	0.471	0.429	0.189	0.003	0.000	0.000	0.003
Stayne Garth, Stainton	1 2032 Base	Residential (rural)				0.093	0.471	0.429	0.189	0.003	0.000	0.000	0.003
Former Miners Arms	1 2032 Base	Residential (flats)				0.090	0.352	0.336	0.180	0.000	0.000	0.000	0.000
Former site of BBC Club	1 2032 Base	Care home				0.063	0.063	0.056	0.133	0.000	0.000	0.000	0.000
Greggs	1 2032 Base	Industrial unit				0.419	0.100	0.000	0.318	0.033	0.017	0.000	0.067
G&S Services	1 2032 Base	Industrial unit				0.419	0.100	0.000	0.318	0.033	0.017	0.000	0.067
New Squares non-food retail	1 2032 Base	Non-food retail		20%	20%	0.225	0.119	0.555	0.541	0.014	0.014	0.000	0.000
New Squares hotel	1 2032 Base	Hotel				0.157	0.155	0.125	0.115	0.000	0.002	0.000	0.000
Carleton Fields Phase 2	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Carleton Fields Phase 3	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Carleton Fields Phase 4	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Carleton Fields Phase 5	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Carleton school	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Carleton (between former) sites P16 and P26	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Land at Carleton Hall Farm	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Salkeld Road/Fairhill Greenfield	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
White Ox Farm	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Raiselands	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Car park of Brentfield Way	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Land at Friargate/King Street	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Gilwilly Road	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Garage at Roper Street	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Brent Road Garages	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Garages at Dodding House	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Myers Lane	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Barn and Yard	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
QEGS Annex	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Old London Road	2 2032 Local Plan	Residential (town)				0.125	0.436	0.394	0.239	0.001	0.000	0.000	0.001
Gilwilly Industrial Estate extension	2 2032 Local Plan	Large industrial estate				13.974	7.885	3.123	10.929	0.468	0.442	0.208	0.182
Skirsgill	2 2032 Local Plan	Small industrial estate				15.623	5.653	2.614	11.429	0.790	0.608	0.122	0.182

## **TRICS Output**

Care home (elderly residential)



Calculation Reference: AUDIT-752001-150326-0329

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 05 - HEALTH  
 Category : F - CARE HOME (ELDERLY RESIDENTIAL)  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	HF HERTFORDSHIRE	1 days
	WG WOKINGHAM	1 days
05	EAST MIDLANDS	
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WK WARWICKSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
10	WALES	
	SW SWANSEA	1 days

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

## Filtering Stage 2 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 residents  
 Actual Range: 25 to 78 (units: )  
 Range Selected by User: 17 to 100 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 11/12/13

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	1 days
Friday	1 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 Centre	3
Suburban Area (PPS6 Out of Centre)	3

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
No Sub Category	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.



Filtering Stage 3 selection:

Use Class:

C2

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

2 days

20,001 to 25,000

1 days

25,001 to 50,000

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

1 days

50,001 to 75,000

1 days

75,001 to 100,000

1 days

125,001 to 250,000

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

3 days

1.6 to 2.0

1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No

6 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.



LIST OF SITES relevant to selection parameters

1	HF-05-F-02	NURSING HOME		HERTFORDSHIRE
	BEACONSFIELD ROAD			
	ST ALBANS			
	Edge of Town Centre			
	No Sub Category			
	Total Number of residents:	25		
	Survey date: TUESDAY	01/10/13		Survey Type: MANUAL
2	NR-05-F-01	NURSING HOME		NORTHAMPTONSHIRE
	ROCKINGHAM ROAD			
	CORBY			
	Edge of Town Centre			
	Residential Zone			
	Total Number of residents:	55		
	Survey date: FRIDAY	21/11/08		Survey Type: MANUAL
3	NY-05-F-01	NURSING HOME		NORTH YORKSHIRE
	HARROGATE ROAD			
	RIPON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of residents:	38		
	Survey date: MONDAY	22/09/08		Survey Type: MANUAL
4	SW-05-F-01	NURSING HOME		SWANSEA
	ST HELENS ROAD			
	SWANSEA			
	Edge of Town Centre			
	No Sub Category			
	Total Number of residents:	78		
	Survey date: WEDNESDAY	11/12/13		Survey Type: MANUAL
5	WG-05-F-01	NURSING HOME		WOKINGHAM
	BARKHAM ROAD			
	WOKINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of residents:	58		
	Survey date: TUESDAY	20/11/12		Survey Type: MANUAL
6	WK-05-F-01	NURSING HOME		WARWICKSHIRE
	CLARENDON SQUARE			
	LEAMINGTON SPA			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of residents:	32		
	Survey date: THURSDAY	25/10/12		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 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)  
VEHICLES

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	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	6	48	0.073	6	48	0.052	6	48	0.125
08:00 - 09:00	6	48	0.063	6	48	0.063	6	48	0.126
09:00 - 10:00	6	48	0.073	6	48	0.031	6	48	0.104
10:00 - 11:00	6	48	0.073	6	48	0.091	6	48	0.164
11:00 - 12:00	6	48	0.087	6	48	0.066	6	48	0.153
12:00 - 13:00	6	48	0.091	6	48	0.063	6	48	0.154
13:00 - 14:00	6	48	0.126	6	48	0.077	6	48	0.203
14:00 - 15:00	6	48	0.087	6	48	0.112	6	48	0.199
15:00 - 16:00	6	48	0.049	6	48	0.059	6	48	0.108
16:00 - 17:00	6	48	0.066	6	48	0.091	6	48	0.157
17:00 - 18:00	6	48	0.056	6	48	0.133	6	48	0.189
18:00 - 19:00	6	48	0.035	6	48	0.045	6	48	0.080
19:00 - 20:00	5	46	0.043	5	46	0.043	5	46	0.086
20:00 - 21:00	5	46	0.026	5	46	0.039	5	46	0.065
21:00 - 22:00	1	38	0.026	1	38	0.026	1	38	0.052
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.974			0.991			1.965

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.

#### Parameter summary

Trip rate parameter range selected: 25 - 78 (units: )  
 Survey date range: 01/01/06 - 11/12/13  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 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 05 - HEALTH/F - CARE HOME (ELDERLY RESIDENTIAL)

OGVS

Calculation factor: 1 RESIDE

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	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	6	48	0.000	6	48	0.000	6	48	0.000
08:00 - 09:00	6	48	0.000	6	48	0.000	6	48	0.000
09:00 - 10:00	6	48	0.003	6	48	0.003	6	48	0.006
10:00 - 11:00	6	48	0.003	6	48	0.003	6	48	0.006
11:00 - 12:00	6	48	0.003	6	48	0.003	6	48	0.006
12:00 - 13:00	6	48	0.003	6	48	0.003	6	48	0.006
13:00 - 14:00	6	48	0.000	6	48	0.000	6	48	0.000
14:00 - 15:00	6	48	0.000	6	48	0.000	6	48	0.000
15:00 - 16:00	6	48	0.000	6	48	0.000	6	48	0.000
16:00 - 17:00	6	48	0.000	6	48	0.000	6	48	0.000
17:00 - 18:00	6	48	0.000	6	48	0.000	6	48	0.000
18:00 - 19:00	6	48	0.000	6	48	0.000	6	48	0.000
19:00 - 20:00	5	46	0.000	5	46	0.000	5	46	0.000
20:00 - 21:00	5	46	0.000	5	46	0.000	5	46	0.000
21:00 - 22:00	1	38	0.000	1	38	0.000	1	38	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		0.012			0.012			0.024	

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:  $\text{COUNT}/\text{TRP} \times \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 25 - 78 (units: )  
 Survey date date range: 01/01/06 - 11/12/13  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 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.



## **TRICS Output**

Flats privately owned

Calculation Reference: AUDIT-752001-150326-0348

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL  
 Category : C - FLATS PRIVATELY OWNED  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	1 days
	OX OXFORDSHIRE	1 days
05	EAST MIDLANDS	
	NR NORTHAMPTONSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days

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

## Filtering Stage 2 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: 12 to 60 (units: )  
 Range Selected by User: 10 to 60 (units: )

Public Transport Provision:

Selection by: Monday-Friday 0700-1900  
 Include days where PT not known: Yes  
 Range: 58 to 150

Date Range: 01/01/06 to 13/05/14

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:

Wednesday	2 days
Thursday	1 days
Friday	2 days

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

Selected survey types:

Manual count	5 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	2
Suburban Area (PPS6 Out of Centre)	3

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
Built-Up Zone	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.



Filtering Stage 3 selection:

Use Class:

C3

5 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:

1,001 to 5,000

2 days

10,001 to 15,000

2 days

20,001 to 25,000

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

1 days

100,001 to 125,000

1 days

125,001 to 250,000

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

1 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:

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.

LIST OF SITES relevant to selection parameters

1	CH-03-C-01	BLOCKS OF FLATS		CESHIRE
	NEW CRANE STREET			
	CHESTER			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:	60		
	Survey date: FRIDAY	17/10/08		Survey Type: MANUAL
2	HC-03-C-02	FLATS		HAMPSHIRE
	WORTING ROAD			
	BASINGSTOKE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	16		
	Survey date: THURSDAY	21/10/10		Survey Type: MANUAL
3	NR-03-C-01	BLOCK OF FLATS		NORTHAMPTONSHIRE
	ROCKINGHAM ROAD			
	CORBY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	20		
	Survey date: FRIDAY	21/11/08		Survey Type: MANUAL
4	OX-03-C-01	BLOCK OF FLATS		OXFORDSHIRE
	OXFORD ROAD			
	COWLEY			
	OXFORD			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	14		
	Survey date: WEDNESDAY	20/10/10		Survey Type: MANUAL
5	WY-03-C-02	BLOCK OF FLATS		WEST YORKSHIRE
	KINGS MILL LANE			
	ASPLEY			
	HUDDERSFIELD			
	Edge of Town Centre			
	Built-Up Zone			
	Total Number of dwellings:	12		
	Survey date: WEDNESDAY	13/09/06		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/C - FLATS PRIVATELY OWNED  
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	5	24	0.049	5	24	0.230	5	24	0.279
08:00 - 09:00	5	24	0.090	5	24	0.352	5	24	0.442
09:00 - 10:00	5	24	0.057	5	24	0.090	5	24	0.147
10:00 - 11:00	5	24	0.098	5	24	0.033	5	24	0.131
11:00 - 12:00	5	24	0.082	5	24	0.090	5	24	0.172
12:00 - 13:00	5	24	0.123	5	24	0.131	5	24	0.254
13:00 - 14:00	5	24	0.090	5	24	0.115	5	24	0.205
14:00 - 15:00	5	24	0.123	5	24	0.090	5	24	0.213
15:00 - 16:00	5	24	0.098	5	24	0.049	5	24	0.147
16:00 - 17:00	5	24	0.148	5	24	0.139	5	24	0.287
17:00 - 18:00	5	24	0.336	5	24	0.180	5	24	0.516
18:00 - 19:00	5	24	0.123	5	24	0.107	5	24	0.230
19:00 - 20:00	2	15	0.333	2	15	0.200	2	15	0.533
20:00 - 21:00	2	15	0.100	2	15	0.033	2	15	0.133
21:00 - 22:00	2	15	0.133	2	15	0.100	2	15	0.233
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		1.983			1.939			3.922	

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:  $\text{COUNT/TRP} \times \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 12 - 60 (units: )  
 Survey date date range: 01/01/06 - 13/05/14  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 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/C - FLATS PRIVATELY OWNED  
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	5	24	0.000	5	24	0.000	5	24	0.000
08:00 - 09:00	5	24	0.000	5	24	0.000	5	24	0.000
09:00 - 10:00	5	24	0.000	5	24	0.000	5	24	0.000
10:00 - 11:00	5	24	0.000	5	24	0.000	5	24	0.000
11:00 - 12:00	5	24	0.000	5	24	0.000	5	24	0.000
12:00 - 13:00	5	24	0.008	5	24	0.008	5	24	0.016
13:00 - 14:00	5	24	0.000	5	24	0.000	5	24	0.000
14:00 - 15:00	5	24	0.000	5	24	0.000	5	24	0.000
15:00 - 16:00	5	24	0.000	5	24	0.000	5	24	0.000
16:00 - 17:00	5	24	0.000	5	24	0.000	5	24	0.000
17:00 - 18:00	5	24	0.000	5	24	0.000	5	24	0.000
18:00 - 19:00	5	24	0.000	5	24	0.000	5	24	0.000
19:00 - 20:00	2	15	0.000	2	15	0.000	2	15	0.000
20:00 - 21:00	2	15	0.000	2	15	0.000	2	15	0.000
21:00 - 22:00	2	15	0.000	2	15	0.000	2	15	0.000
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:  $\text{COUNT/TRP*FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 12 - 60 (units: )  
 Survey date date range: 01/01/06 - 13/05/14  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 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.

## TRICS Output

Hotels



Calculation Reference: AUDIT-752001-150326-0304

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK  
 Category : A - HOTELS  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
06	WEST MIDLANDS	
	HE HEREFORDSHIRE	1 days
09	NORTH	
	DH DURHAM	1 days
10	WALES	
	NW NEWPORT	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

## Filtering Stage 2 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 bedrooms  
 Actual Range: 55 to 111 (units: )  
 Range Selected by User: 25 to 150 (units: )

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 23/10/13

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:

Wednesday	2 days
Thursday	3 days
Friday	1 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:

Town Centre	4
Edge of Town 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:

Development Zone	1
Built-Up Zone	1
High Street	2
No Sub Category	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out

Filtering Stage 3 selection:

Use Class:

A3	1 days
C1	5 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:

1,001 to 5,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	4 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
75,001 to 100,000	1 days
125,001 to 250,000	3 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	4 days
1.1 to 1.5	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	6 days
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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.

LIST OF SITES relevant to selection parameters

1	DH-06-A-01 PREMIER INN FREEMANS PLACE MILLENNIUM PLACE DURHAM Edge of Town Centre Development Zone Total Number of bedrooms: 103 Survey date: THURSDAY 04/12/08	DURHAM	Survey Type: MANUAL
2	EX-06-A-01 TRAVELODGE CHICHESTER ROAD  SOUTHEND-ON-SEA Town Centre Built-Up Zone Total Number of bedrooms: 55 Survey date: WEDNESDAY 23/10/13	ESSEX	Survey Type: MANUAL
3	HE-06-A-01 HOTEL BROAD STREET  HEREFORD Town Centre No Sub Category Total Number of bedrooms: 111 Survey date: THURSDAY 02/03/06	HEREFORDSHIRE	Survey Type: MANUAL
4	HI-06-A-04 HOTEL ACADEMY STREET  INVERNESS Town Centre High Street Total Number of bedrooms: 84 Survey date: FRIDAY 13/05/11	HIGHLAND	Survey Type: MANUAL
5	NF-06-A-01 HOTEL PALACE STREET TOMBLANDS NORWICH Edge of Town Centre No Sub Category Total Number of bedrooms: 82 Survey date: WEDNESDAY 16/05/07	NORFOLK	Survey Type: MANUAL
6	NW-06-A-01 TRAVELODGE BRIDGE STREET  NEWPORT Town Centre High Street Total Number of bedrooms: 62 Survey date: THURSDAY 14/10/10	NEWPORT	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 06 - HOTEL, FOOD & DRINK/A - HOTELS  
VEHICLES

Calculation factor: 1 BEDRMS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	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	6	83	0.097	6	83	0.107	6	83	0.204
08:00 - 09:00	6	83	0.157	6	83	0.157	6	83	0.314
09:00 - 10:00	6	83	0.169	6	83	0.151	6	83	0.320
10:00 - 11:00	6	83	0.159	6	83	0.133	6	83	0.292
11:00 - 12:00	6	83	0.123	6	83	0.145	6	83	0.268
12:00 - 13:00	6	83	0.145	6	83	0.153	6	83	0.298
13:00 - 14:00	6	83	0.131	6	83	0.113	6	83	0.244
14:00 - 15:00	6	83	0.147	6	83	0.115	6	83	0.262
15:00 - 16:00	6	83	0.129	6	83	0.175	6	83	0.304
16:00 - 17:00	6	83	0.121	6	83	0.129	6	83	0.250
17:00 - 18:00	6	83	0.125	6	83	0.115	6	83	0.240
18:00 - 19:00	6	83	0.141	6	83	0.082	6	83	0.223
19:00 - 20:00	5	77	0.127	5	77	0.111	5	77	0.238
20:00 - 21:00	5	77	0.101	5	77	0.106	5	77	0.207
21:00 - 22:00	5	77	0.093	5	77	0.085	5	77	0.178
22:00 - 23:00	1	103	0.107	1	103	0.136	1	103	0.243
23:00 - 24:00									
Total Rates:			2.072			2.013			4.085

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:  $\text{COUNT} / \text{TRP} * \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 55 - 111 (units: )  
 Survey date range: 01/01/06 - 23/10/13  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 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 06 - HOTEL, FOOD & DRINK/A - HOTELS  
OGVS

Calculation factor: 1 BEDRMS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	No. Days	Ave. BEDRMS	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	6	83	0.002	6	83	0.000	6	83	0.002
08:00 - 09:00	6	83	0.000	6	83	0.002	6	83	0.002
09:00 - 10:00	6	83	0.004	6	83	0.004	6	83	0.008
10:00 - 11:00	6	83	0.000	6	83	0.000	6	83	0.000
11:00 - 12:00	6	83	0.000	6	83	0.000	6	83	0.000
12:00 - 13:00	6	83	0.000	6	83	0.000	6	83	0.000
13:00 - 14:00	6	83	0.000	6	83	0.000	6	83	0.000
14:00 - 15:00	6	83	0.000	6	83	0.000	6	83	0.000
15:00 - 16:00	6	83	0.000	6	83	0.000	6	83	0.000
16:00 - 17:00	6	83	0.002	6	83	0.002	6	83	0.004
17:00 - 18:00	6	83	0.000	6	83	0.000	6	83	0.000
18:00 - 19:00	6	83	0.000	6	83	0.000	6	83	0.000
19:00 - 20:00	5	77	0.000	5	77	0.000	5	77	0.000
20:00 - 21:00	5	77	0.000	5	77	0.000	5	77	0.000
21:00 - 22:00	5	77	0.000	5	77	0.000	5	77	0.000
22:00 - 23:00	1	103	0.000	1	103	0.000	1	103	0.000
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:  $\text{COUNT} / \text{TRP} * \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 55 - 111 (units: )  
 Survey date date range: 01/01/06 - 23/10/13  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 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.

## **TRICS Output**

Houses privately owned (town)



Calculation Reference: AUDIT-752001-150326-0346

## TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
04	EAST ANGLIA	
	SF SUFFOLK	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	2 days
08	NORTH WEST	
	CH CHESHIRE	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

## Filtering Stage 2 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: 71 to 237 (units: )  
 Range Selected by User: 50 to 300 (units: )

Public Transport Provision:

Selection by: Monday-Friday 0700-1900  
 Include days where PT not known: Yes  
 Range: 5 to 50

Date Range: 01/01/06 to 20/05/14

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	2 days
Tuesday	2 days
Friday	2 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:

Suburban Area (PPS6 Out of Centre)	2
Edge of Town	4

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
Out of Town	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.

Filtering Stage 3 selection:

Use Class:

C3

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:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days
20,001 to 25,000	1 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	1 days
25,001 to 50,000	1 days
50,001 to 75,000	2 days
100,001 to 125,000	1 days
125,001 to 250,000	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	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:

No

6 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.

LIST OF SITES relevant to selection parameters

1	CH-03-A-02 SYDNEY ROAD	HOUSES/FLATS			CHESHIRE
	CREWE				
	Edge of Town				
	Residential Zone				
	Total Number of dwellings:		174		
	Survey date: TUESDAY		14/10/08		Survey Type: MANUAL
2	EX-03-A-01 MILTON ROAD	SEMI-DET.			ESSEX
	CORRINGHAM				
	STANFORD-LE-HOPE				
	Edge of Town				
	Residential Zone				
	Total Number of dwellings:		237		
	Survey date: TUESDAY		13/05/08		Survey Type: MANUAL
3	HI-03-A-14 CALEDONIAN ROAD	SEMI-DETACHED			HIGHLAND
	DALNEIGH				
	INVERNESS				
	Suburban Area (PPS6 Out of Centre)				
	Residential Zone				
	Total Number of dwellings:		73		
	Survey date: FRIDAY		13/05/11		Survey Type: MANUAL
4	NY-03-A-05 BOROUGHBRIDGE ROAD	HOUSES AND FLATS			NORTH YORKSHIRE
	RIPON				
	Edge of Town				
	No Sub Category				
	Total Number of dwellings:		71		
	Survey date: MONDAY		22/09/08		Survey Type: MANUAL
5	NY-03-A-06 HORSEFAIR	BUNGALOWS & SEMI DET.			NORTH YORKSHIRE
	BOROUGHBRIDGE				
	Suburban Area (PPS6 Out of Centre)				
	Residential Zone				
	Total Number of dwellings:		115		
	Survey date: FRIDAY		14/10/11		Survey Type: MANUAL
6	SF-03-A-03 BARTON HILL	MIXED HOUSES			SUFFOLK
	FORNHAM ST MARTIN				
	BURY ST EDMUNDS				
	Edge of Town				
	Out of Town				
	Total Number of dwellings:		101		
	Survey date: MONDAY		15/05/06		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  
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	6	129	0.075	6	129	0.284	6	129	0.359
08:00 - 09:00	6	129	0.126	6	129	0.436	6	129	0.562
09:00 - 10:00	6	129	0.161	6	129	0.183	6	129	0.344
10:00 - 11:00	6	129	0.156	6	129	0.178	6	129	0.334
11:00 - 12:00	6	129	0.139	6	129	0.149	6	129	0.288
12:00 - 13:00	6	129	0.215	6	129	0.180	6	129	0.395
13:00 - 14:00	6	129	0.201	6	129	0.169	6	129	0.370
14:00 - 15:00	6	129	0.217	6	129	0.198	6	129	0.415
15:00 - 16:00	6	129	0.324	6	129	0.214	6	129	0.538
16:00 - 17:00	6	129	0.348	6	129	0.217	6	129	0.565
17:00 - 18:00	6	129	0.394	6	129	0.240	6	129	0.634
18:00 - 19:00	6	129	0.248	6	129	0.162	6	129	0.410
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.604			2.610			5.214	

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.

#### Parameter summary

Trip rate parameter range selected: 71 - 237 (units: )  
 Survey date range: 01/01/06 - 20/05/14  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 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  
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	6	129	0.003	6	129	0.004	6	129	0.007
08:00 - 09:00	6	129	0.001	6	129	0.000	6	129	0.001
09:00 - 10:00	6	129	0.001	6	129	0.003	6	129	0.004
10:00 - 11:00	6	129	0.008	6	129	0.005	6	129	0.013
11:00 - 12:00	6	129	0.001	6	129	0.001	6	129	0.002
12:00 - 13:00	6	129	0.005	6	129	0.009	6	129	0.014
13:00 - 14:00	6	129	0.004	6	129	0.004	6	129	0.008
14:00 - 15:00	6	129	0.003	6	129	0.005	6	129	0.008
15:00 - 16:00	6	129	0.000	6	129	0.000	6	129	0.000
16:00 - 17:00	6	129	0.004	6	129	0.000	6	129	0.004
17:00 - 18:00	6	129	0.000	6	129	0.001	6	129	0.001
18:00 - 19:00	6	129	0.000	6	129	0.000	6	129	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.030			0.032			0.062

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.

#### Parameter summary

Trip rate parameter range selected: 71 - 237 (units: )  
 Survey date range: 01/01/06 - 20/05/14  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 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.

## **TRICS Output**

Houses privately owned (rural)

Calculation Reference: AUDIT-752001-150326-0303

## TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

04	EAST ANGLIA	
	SF SUFFOLK	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	4 days

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

## Filtering Stage 2 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: 23 to 115 (units: )  
 Range Selected by User: 20 to 150 (units: )

Public Transport Provision:

Selection by: Monday-Friday 0700-1900  
 Include days where PT not known: Yes  
 Range: 5 to 50

Date Range: 01/01/06 to 24/03/14

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	2 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	5 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:

Suburban Area (PPS6 Out of Centre)	1
Edge of Town	4

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	2
Out of Town	1
No Sub Category	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

C3

5 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:

1,001 to 5,000

3 days

5,001 to 10,000

1 days

10,001 to 15,000

1 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

3 days

25,001 to 50,000

1 days

50,001 to 75,000

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

1 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:

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.



LIST OF SITES relevant to selection parameters

1	NY-03-A-05	HOUSES AND FLATS		NORTH YORKSHIRE
	BOROUGHBRIDGE ROAD			
	RIPON			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	71		
	Survey date: MONDAY	22/09/08		Survey Type: MANUAL
2	NY-03-A-06	BUNGALOWS & SEMI DET.		NORTH YORKSHIRE
	HORSEFAIR			
	BOROUGHBRIDGE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	115		
	Survey date: FRIDAY	14/10/11		Survey Type: MANUAL
3	NY-03-A-07	DETACHED & SEMI DET.		NORTH YORKSHIRE
	CRAVEN WAY			
	BOROUGHBRIDGE			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	23		
	Survey date: TUESDAY	18/10/11		Survey Type: MANUAL
4	NY-03-A-11	PRIVATE HOUSING		NORTH YORKSHIRE
	HORSEFAIR			
	BOROUGHBRIDGE			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	23		
	Survey date: WEDNESDAY	18/09/13		Survey Type: MANUAL
5	SF-03-A-03	MIXED HOUSES		SUFFOLK
	BARTON HILL			
	FORNHAM ST MARTIN			
	BURY ST EDMUNDS			
	Edge of Town			
	Out of Town			
	Total Number of dwellings:	101		
	Survey date: MONDAY	15/05/06		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  
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	5	67	0.057	5	67	0.252	5	67	0.309
08:00 - 09:00	5	67	0.096	5	67	0.471	5	67	0.567
09:00 - 10:00	5	67	0.207	5	67	0.195	5	67	0.402
10:00 - 11:00	5	67	0.165	5	67	0.201	5	67	0.366
11:00 - 12:00	5	67	0.150	5	67	0.147	5	67	0.297
12:00 - 13:00	5	67	0.222	5	67	0.162	5	67	0.384
13:00 - 14:00	5	67	0.216	5	67	0.156	5	67	0.372
14:00 - 15:00	5	67	0.165	5	67	0.198	5	67	0.363
15:00 - 16:00	5	67	0.294	5	67	0.216	5	67	0.510
16:00 - 17:00	5	67	0.366	5	67	0.207	5	67	0.573
17:00 - 18:00	5	67	0.429	5	67	0.192	5	67	0.621
18:00 - 19:00	5	67	0.207	5	67	0.156	5	67	0.363
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.574			2.553			5.127	

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.

#### Parameter summary

Trip rate parameter range selected: 23 - 115 (units: )  
 Survey date range: 01/01/06 - 24/03/14  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 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  
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	5	67	0.000	5	67	0.003	5	67	0.003
08:00 - 09:00	5	67	0.003	5	67	0.000	5	67	0.003
09:00 - 10:00	5	67	0.000	5	67	0.003	5	67	0.003
10:00 - 11:00	5	67	0.015	5	67	0.009	5	67	0.024
11:00 - 12:00	5	67	0.000	5	67	0.003	5	67	0.003
12:00 - 13:00	5	67	0.003	5	67	0.003	5	67	0.006
13:00 - 14:00	5	67	0.000	5	67	0.003	5	67	0.003
14:00 - 15:00	5	67	0.003	5	67	0.006	5	67	0.009
15:00 - 16:00	5	67	0.000	5	67	0.000	5	67	0.000
16:00 - 17:00	5	67	0.009	5	67	0.000	5	67	0.009
17:00 - 18:00	5	67	0.000	5	67	0.003	5	67	0.003
18:00 - 19:00	5	67	0.000	5	67	0.000	5	67	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.033			0.033			0.066

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:  $\text{COUNT/TRP*FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 23 - 115 (units: )  
 Survey date range: 01/01/06 - 24/03/14  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 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.

## **TRICS Output**

Individual non-food superstore

Calculation Reference: AUDIT-752001-150326-0332

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL  
 Category : G - OTHER INDIVIDUAL NON-FOOD SUPERSTORE  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BU BUCKINGHAMSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	1 days
09	NORTH	
	CB CUMBRIA	1 days

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

## Filtering Stage 2 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: 2500 to 7900 (units: sqm)  
 Range Selected by User: 1500 to 15000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/02 to 18/06/11

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:

Friday 3 days

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

Selected survey types:

Manual count 3 days  
 Directional ATC Count 0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town Centre 2  
 Suburban Area (PPS6 Out of 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:

Retail Zone 2  
 Built-Up Zone 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.



Filtering Stage 3 selection:

Use Class:

A1	3 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®.

Population within 1 mile:

1,001 to 5,000	1 days
15,001 to 20,000	2 days

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

Population within 5 miles:

125,001 to 250,000	3 days
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This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

1.1 to 1.5	3 days
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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	3 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:

Not Known	2 days
No	1 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.

LIST OF SITES relevant to selection parameters

1	BU-01-G-01	COURTS		BUCKINGHAMSHIRE
	CAIRNGORM GATE			
	WINTERHILL			
	MILTON KEYNES			
	Suburban Area (PPS6 Out of Centre)			
	Retail Zone			
	Total Gross floor area:	7900 sqm		
	Survey date: FRIDAY	08/03/02		Survey Type: MANUAL
2	CB-01-G-02	STAPLES		CUMBRIA
	JAMES STREET			
	CARLISLE			
	Edge of Town Centre			
	Built-Up Zone			
	Total Gross floor area:	2500 sqm		
	Survey date: FRIDAY	05/02/10		Survey Type: MANUAL
3	NF-01-G-01	TOYS R US		NORFOLK
	WESTWICK STREET			
	NORWICH			
	Edge of Town Centre			
	Retail Zone			
	Total Gross floor area:	3835 sqm		
	Survey date: FRIDAY	27/09/02		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/G - OTHER INDIVIDUAL NON-FOOD SUPERSTORE  
VEHICLES

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									
07:00 - 08:00	1	2500	0.080	1	2500	0.000	1	2500	0.080
08:00 - 09:00	3	4745	0.239	3	4745	0.133	3	4745	0.372
09:00 - 10:00	3	4745	0.625	3	4745	0.414	3	4745	1.039
10:00 - 11:00	3	4745	0.738	3	4745	0.639	3	4745	1.377
11:00 - 12:00	3	4745	0.864	3	4745	0.934	3	4745	1.798
12:00 - 13:00	3	4745	0.899	3	4745	0.822	3	4745	1.721
13:00 - 14:00	3	4745	0.829	3	4745	0.724	3	4745	1.553
14:00 - 15:00	3	4745	0.857	3	4745	0.871	3	4745	1.728
15:00 - 16:00	3	4745	0.695	3	4745	0.773	3	4745	1.468
16:00 - 17:00	3	4745	0.660	3	4745	0.717	3	4745	1.377
17:00 - 18:00	3	4745	0.555	3	4745	0.541	3	4745	1.096
18:00 - 19:00	3	4745	0.330	3	4745	0.492	3	4745	0.822
19:00 - 20:00	3	4745	0.155	3	4745	0.253	3	4745	0.408
20:00 - 21:00	2	5200	0.000	2	5200	0.106	2	5200	0.106
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		7.526			7.419			14.945	

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.

#### Parameter summary

Trip rate parameter range selected: 2500 - 7900 (units: sqm)  
 Survey date range: 01/01/02 - 18/06/11  
 Number of weekdays (Monday-Friday): 3  
 Number of Saturdays: 0  
 Number of Sundays: 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 01 - RETAIL/G - OTHER INDIVIDUAL NON-FOOD SUPERSTORE  
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									
07:00 - 08:00	1	2500	0.000	1	2500	0.000	1	2500	0.000
08:00 - 09:00	3	4745	0.014	3	4745	0.014	3	4745	0.028
09:00 - 10:00	3	4745	0.014	3	4745	0.014	3	4745	0.028
10:00 - 11:00	3	4745	0.007	3	4745	0.014	3	4745	0.021
11:00 - 12:00	3	4745	0.028	3	4745	0.021	3	4745	0.049
12:00 - 13:00	3	4745	0.007	3	4745	0.014	3	4745	0.021
13:00 - 14:00	3	4745	0.014	3	4745	0.000	3	4745	0.014
14:00 - 15:00	3	4745	0.021	3	4745	0.028	3	4745	0.049
15:00 - 16:00	3	4745	0.014	3	4745	0.014	3	4745	0.028
16:00 - 17:00	3	4745	0.000	3	4745	0.007	3	4745	0.007
17:00 - 18:00	3	4745	0.000	3	4745	0.000	3	4745	0.000
18:00 - 19:00	3	4745	0.000	3	4745	0.000	3	4745	0.000
19:00 - 20:00	3	4745	0.000	3	4745	0.000	3	4745	0.000
20:00 - 21:00	2	5200	0.000	2	5200	0.000	2	5200	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.119			0.126			0.245

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.

#### Parameter summary

Trip rate parameter range selected: 2500 - 7900 (units: sqm)  
 Survey date range: 01/01/02 - 18/06/11  
 Number of weekdays (Monday-Friday): 3  
 Number of Saturdays: 0  
 Number of Sundays: 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.

## **TRICS Output**

Industrial estate (large)



## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : D - INDUSTRIAL ESTATE  
 VEHICLES

Selected regions and areas:

05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

## Filtering Stage 2 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: Site area  
 Actual Range: 5.00 to 15.00 (units: hect)  
 Range Selected by User: 5 to 25 (units: hect)

Public Transport Provision:

Selection by: Monday-Friday 0700-1900  
 Include days where PT not known: Yes  
 Range: 36 to 120

Date Range: 01/01/06 to 24/03/14

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
Wednesday	2 days
Friday	2 days

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

Selected survey types:

Manual count	5 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
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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	1
Residential Zone	1
No Sub Category	3

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

B1	1 days
B2	3 days
B8	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:

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

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

Population within 5 miles:

5,001 to 25,000	2 days
50,001 to 75,000	1 days
125,001 to 250,000	2 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	3 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	5 days
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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.

LIST OF SITES relevant to selection parameters

1	CB-02-D-04	INDUSTRIAL ESTATE	CUMBRIA
	CARLISLE ROAD		
	BRAMPTON		
	Edge of Town		
	No Sub Category		
	Total Site area:	9.11 hect	
	Survey date: WEDNESDAY	16/12/09	Survey Type: MANUAL
2	CH-02-D-02	INDUSTRIAL EST.	CHESHIRE
	MANCHESTER ROAD		
	WINCHAM		
	NORTHWICH		
	Edge of Town		
	Industrial Zone		
	Total Site area:	5.00 hect	
	Survey date: FRIDAY	15/06/07	Survey Type: MANUAL
3	HI-02-D-03	IND. ESTATE & BUS. PARK	HIGHLAND
	NORTH ROAD		
	INVERLOCHY		
	FORT WILLIAM		
	Edge of Town		
	No Sub Category		
	Total Site area:	10.00 hect	
	Survey date: MONDAY	18/05/09	Survey Type: MANUAL
4	NT-02-D-01	INDUSTRIAL ESTATE	NOTTINGHAMSHIRE
	B6028 STONEYFORD ROAD		
	STANTON HILL		
	SUTTON-IN-ASHFIELD		
	Edge of Town		
	No Sub Category		
	Total Site area:	15.00 hect	
	Survey date: FRIDAY	30/06/06	Survey Type: MANUAL
5	WM-02-D-02	INDUSTRIAL ESTATE	WEST MIDLANDS
	DUNLOP WAY		
	BIRMINGHAM		
	Edge of Town		
	Residential Zone		
	Total Site area:	5.09 hect	
	Survey date: WEDNESDAY	07/11/12	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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE  
VEHICLES

Calculation factor: 1 hect

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	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	5	8.84	8.054	5	8.84	2.851	5	8.84	10.905
08:00 - 09:00	5	8.84	14.412	5	8.84	6.968	5	8.84	21.380
09:00 - 10:00	5	8.84	9.005	5	8.84	7.443	5	8.84	16.448
10:00 - 11:00	5	8.84	7.624	5	8.84	7.624	5	8.84	15.248
11:00 - 12:00	5	8.84	6.290	5	8.84	7.670	5	8.84	13.960
12:00 - 13:00	5	8.84	8.507	5	8.84	8.914	5	8.84	17.421
13:00 - 14:00	5	8.84	10.113	5	8.84	9.321	5	8.84	19.434
14:00 - 15:00	5	8.84	6.131	5	8.84	6.742	5	8.84	12.873
15:00 - 16:00	5	8.84	7.760	5	8.84	8.643	5	8.84	16.403
16:00 - 17:00	5	8.84	7.443	5	8.84	10.837	5	8.84	18.280
17:00 - 18:00	5	8.84	3.303	5	8.84	10.973	5	8.84	14.276
18:00 - 19:00	5	8.84	1.176	5	8.84	4.072	5	8.84	5.248
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			89.818			92.058			181.876

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.

#### Parameter summary

Trip rate parameter range selected: 5.00 to 15.00 (units: hect)  
 Survey date range: 01/01/06 - 24/03/14  
 Number of weekdays (Monday-Friday): 5  
 Number of Saturdays: 0  
 Number of Sundays: 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/D - INDUSTRIAL ESTATE

OGVS

Calculation factor: 1 hect

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	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	5	8.84	0.339	5	8.84	0.860	5	8.84	1.199
08:00 - 09:00	5	8.84	0.701	5	8.84	0.814	5	8.84	1.515
09:00 - 10:00	5	8.84	0.475	5	8.84	0.814	5	8.84	1.289
10:00 - 11:00	5	8.84	0.430	5	8.84	0.520	5	8.84	0.950
11:00 - 12:00	5	8.84	0.566	5	8.84	0.317	5	8.84	0.883
12:00 - 13:00	5	8.84	0.520	5	8.84	0.407	5	8.84	0.927
13:00 - 14:00	5	8.84	0.566	5	8.84	0.543	5	8.84	1.109
14:00 - 15:00	5	8.84	0.430	5	8.84	0.407	5	8.84	0.837
15:00 - 16:00	5	8.84	0.860	5	8.84	0.792	5	8.84	1.652
16:00 - 17:00	5	8.84	0.724	5	8.84	0.385	5	8.84	1.109
17:00 - 18:00	5	8.84	0.588	5	8.84	0.294	5	8.84	0.882
18:00 - 19:00	5	8.84	0.113	5	8.84	0.090	5	8.84	0.203
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			6.312			6.243			12.555

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.

#### Parameter summary

Trip rate parameter range selected:	5.00 to 15.00 (units: hect)
Survey date range:	01/01/06 - 24/03/14
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	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.

## **TRICS Output**

Industrial estate (small)

Calculation Reference: AUDIT-752001-150326-0301

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : D - INDUSTRIAL ESTATE  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	1 days
	KC KENT	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	LC LANCASHIRE	1 days

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

## Filtering Stage 2 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: Site area  
 Actual Range: 2.20 to 5.00 (units: hect)  
 Range Selected by User: 1.5 to 6 (units: hect)

Public Transport Provision:

Selection by: Monday-Friday 0700-1900  
 Include days where PT not known: Yes  
 Range: 16 to 120

Date Range: 01/01/06 to 21/10/13

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	2 days

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

Selected survey types:

Manual count	5 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	4
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	2
Residential Zone	2
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.



Filtering Stage 3 selection:

Use Class:

B1	1 days
B2	3 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	1 days
5,001 to 10,000	1 days
25,001 to 50,000	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	2 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
100,001 to 125,000	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	1 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:

No	5 days
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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.

LIST OF SITES relevant to selection parameters

1	CH-02-D-02 INDUSTRIAL EST. MANCHESTER ROAD WINCHAM NORTHWICH Edge of Town Industrial Zone Total Site area: 5.00 hect Survey date: FRIDAY 15/06/07	CHESHIRE	Survey Type: MANUAL
2	ES-02-D-05 IND. ESTATE COURTLANDS ROAD  EASTBOURNE Edge of Town Residential Zone Total Site area: 2.31 hect Survey date: MONDAY 30/11/09	EAST SUSSEX	Survey Type: MANUAL
3	KC-02-D-02 INDUSTRIAL ESTATE SOUTHWELL ROAD  DEAL Edge of Town Residential Zone Total Site area: 3.54 hect Survey date: WEDNESDAY 28/11/12	KENT	Survey Type: MANUAL
4	LC-02-D-04 INDUSTRIAL ESTATE GREEN LANE WEST  GARSTANG Edge of Town Industrial Zone Total Site area: 3.40 hect Survey date: FRIDAY 16/06/06	LANCASHIRE	Survey Type: MANUAL
5	LN-02-D-02 INDUSTRIAL ESTATE STATION ROAD SWINESHEAD NEAR BOSTON Neighbourhood Centre (PPS6 Local Centre) Village Total Site area: 2.20 hect Survey date: TUESDAY 11/12/12	LINCOLNSHIRE	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/D - INDUSTRIAL ESTATE  
VEHICLES

Calculation factor: 1 hect

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	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	5	3.29	8.875	5	3.29	1.459	5	3.29	10.334
08:00 - 09:00	5	3.29	16.413	5	3.29	6.261	5	3.29	22.674
09:00 - 10:00	5	3.29	11.125	5	3.29	8.328	5	3.29	19.453
10:00 - 11:00	5	3.29	9.909	5	3.29	10.274	5	3.29	20.183
11:00 - 12:00	5	3.29	10.395	5	3.29	12.462	5	3.29	22.857
12:00 - 13:00	5	3.29	7.416	5	3.29	10.395	5	3.29	17.811
13:00 - 14:00	5	3.29	9.179	5	3.29	10.213	5	3.29	19.392
14:00 - 15:00	5	3.29	6.991	5	3.29	7.416	5	3.29	14.407
15:00 - 16:00	5	3.29	8.267	5	3.29	9.544	5	3.29	17.811
16:00 - 17:00	5	3.29	6.444	5	3.29	12.827	5	3.29	19.271
17:00 - 18:00	5	3.29	2.736	5	3.29	11.611	5	3.29	14.347
18:00 - 19:00	5	3.29	0.790	5	3.29	3.161	5	3.29	3.951
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			98.540			103.951			202.491

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.

#### Parameter summary

Trip rate parameter range selected:	2.20 to 5.00 (units: hect)
Survey date range:	01/01/06 - 21/10/13
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	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/D - INDUSTRIAL ESTATE

OGVS

Calculation factor: 1 hect

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	Trip Rate	No. Days	Ave. AREA	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	5	3.29	0.243	5	3.29	0.365	5	3.29	0.608
08:00 - 09:00	5	3.29	0.790	5	3.29	0.608	5	3.29	1.398
09:00 - 10:00	5	3.29	0.790	5	3.29	1.033	5	3.29	1.823
10:00 - 11:00	5	3.29	0.547	5	3.29	0.729	5	3.29	1.276
11:00 - 12:00	5	3.29	1.155	5	3.29	0.669	5	3.29	1.824
12:00 - 13:00	5	3.29	0.547	5	3.29	0.669	5	3.29	1.216
13:00 - 14:00	5	3.29	0.912	5	3.29	0.729	5	3.29	1.641
14:00 - 15:00	5	3.29	0.426	5	3.29	0.365	5	3.29	0.791
15:00 - 16:00	5	3.29	0.790	5	3.29	0.547	5	3.29	1.337
16:00 - 17:00	5	3.29	0.729	5	3.29	0.426	5	3.29	1.155
17:00 - 18:00	5	3.29	0.122	5	3.29	0.182	5	3.29	0.304
18:00 - 19:00	5	3.29	0.061	5	3.29	0.061	5	3.29	0.122
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			7.112			6.383			13.495

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:  $\text{COUNT/TRP*FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected:	2.20 to 5.00 (units: hect)
Survey date range:	01/01/06 - 21/10/13
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	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.

## **TRICS Output**

Industrial unit

Calculation Reference: AUDIT-752001-150326-0314

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : C - INDUSTRIAL UNIT  
 VEHICLES

Selected regions and areas:

04	EAST ANGLIA	
	SF SUFFOLK	1 days
06	WEST MIDLANDS	
	HE HEREFORDSHIRE	1 days
11	SCOTLAND	
	HI HIGHLAND	1 days

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

## Filtering Stage 2 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: 1100 to 3000 (units: sqm)  
 Range Selected by User: 600 to 5000 (units: sqm)

Public Transport Provision:

Selection by: Monday-Friday 0700-1900  
 Include days where PT not known: Yes  
 Range: 6 to 100

Date Range: 01/01/06 to 22/10/13

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
Friday	1 days

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

Selected survey types:

Manual count	3 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Edge of Town	3
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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	2
Commercial Zone	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.

Filtering Stage 3 selection:

Use Class:

B1	1 days
B2	2 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:

1,001 to 5,000	2 days
10,001 to 15,000	1 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	1 days
50,001 to 75,000	1 days
75,001 to 100,000	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	1 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:

No	3 days
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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.



LIST OF SITES relevant to selection parameters

1	HE-02-C-02	THERMAL PROCESSING	HEREFORDSHIRE
	COLLEGE ROAD		
	BURCOTT		
	HEREFORD		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	1880 sqm	
	Survey date: TUESDAY	22/10/13	Survey Type: MANUAL
2	HI-02-C-01	DAIRY	HIGHLAND
	TOM SEMPLE ROAD		
	BALMAKEITH BUSINESS PK		
	NAIRN		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	3000 sqm	
	Survey date: WEDNESDAY	24/05/06	Survey Type: MANUAL
3	SF-02-C-01	JOINERY	SUFFOLK
	ANSON ROAD		
	MARTLESHAM HEATH		
	IPSWICH		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	1100 sqm	
	Survey date: FRIDAY	12/07/13	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/C - INDUSTRIAL UNIT  
VEHICLES

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									
07:00 - 08:00	3	1993	0.268	3	1993	0.100	3	1993	0.368
08:00 - 09:00	3	1993	0.452	3	1993	0.117	3	1993	0.569
09:00 - 10:00	3	1993	0.184	3	1993	0.151	3	1993	0.335
10:00 - 11:00	3	1993	0.251	3	1993	0.251	3	1993	0.502
11:00 - 12:00	3	1993	0.184	3	1993	0.100	3	1993	0.284
12:00 - 13:00	3	1993	0.167	3	1993	0.167	3	1993	0.334
13:00 - 14:00	3	1993	0.134	3	1993	0.234	3	1993	0.368
14:00 - 15:00	3	1993	0.151	3	1993	0.151	3	1993	0.302
15:00 - 16:00	3	1993	0.201	3	1993	0.251	3	1993	0.452
16:00 - 17:00	3	1993	0.050	3	1993	0.351	3	1993	0.401
17:00 - 18:00	3	1993	0.000	3	1993	0.385	3	1993	0.385
18:00 - 19:00	3	1993	0.084	3	1993	0.067	3	1993	0.151
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.126			2.325			4.451	

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.

#### Parameter summary

Trip rate parameter range selected: 1100 - 3000 (units: sqm)  
 Survey date range: 01/01/06 - 22/10/13  
 Number of weekdays (Monday-Friday): 3  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys manually removed from selection: 1

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/C - INDUSTRIAL UNIT  
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									
07:00 - 08:00	3	1993	0.017	3	1993	0.017	3	1993	0.034
08:00 - 09:00	3	1993	0.033	3	1993	0.017	3	1993	0.050
09:00 - 10:00	3	1993	0.084	3	1993	0.084	3	1993	0.168
10:00 - 11:00	3	1993	0.117	3	1993	0.084	3	1993	0.201
11:00 - 12:00	3	1993	0.033	3	1993	0.017	3	1993	0.050
12:00 - 13:00	3	1993	0.033	3	1993	0.033	3	1993	0.066
13:00 - 14:00	3	1993	0.033	3	1993	0.033	3	1993	0.066
14:00 - 15:00	3	1993	0.033	3	1993	0.033	3	1993	0.066
15:00 - 16:00	3	1993	0.067	3	1993	0.067	3	1993	0.134
16:00 - 17:00	3	1993	0.033	3	1993	0.067	3	1993	0.100
17:00 - 18:00	3	1993	0.000	3	1993	0.067	3	1993	0.067
18:00 - 19:00	3	1993	0.017	3	1993	0.017	3	1993	0.034
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.500			0.536			1.036

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:  $\text{COUNT}/\text{TRP} \times \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 1100 - 3000 (units: sqm)  
 Survey date range: 01/01/06 - 22/10/13  
 Number of weekdays (Monday-Friday): 3  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys manually removed from selection: 1

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.

## **TRICS Output**

Office

Calculation Reference: AUDIT-752001-150326-0347

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT

Category : A - OFFICE

## VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BD BEDFORDSHIRE	1 days
	KC KENT	1 days
	SO SLOUGH	1 days
03	SOUTH WEST	
	DC DORSET	1 days
08	NORTH WEST	
	LC LANCASHIRE	1 days
10	WALES	
	SW SWANSEA	1 days

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

## Filtering Stage 2 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: 1469 to 2225 (units: sqm)  
 Range Selected by User: 1000 to 2500 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 27/02/14

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	1 days
Wednesday	1 days
Thursday	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:

Town Centre	1
Edge of Town 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:

Development Zone	1
Retail Zone	1
Built-Up Zone	1
High Street	1
No Sub Category	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out

Filtering Stage 3 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:

10,001 to 15,000	1 days
15,001 to 20,000	1 days
25,001 to 50,000	4 days

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

Population within 5 miles:

25,001 to 50,000	1 days
125,001 to 250,000	5 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	1 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.

Travel Plan:

Yes	2 days
No	4 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.

LIST OF SITES relevant to selection parameters

1	BD-02-A-03 BROMHAM ROAD	OFFICES		BEDFORDSHIRE
	BEDFORD			
	Edge of Town Centre			
	No Sub Category			
	Total Gross floor area:	1469 sqm		
	Survey date: MONDAY	14/10/13		Survey Type: MANUAL
2	DC-02-A-08 STATION APPROACH	OFFICE		DORSET
	DORCHESTER			
	Edge of Town Centre			
	No Sub Category			
	Total Gross floor area:	1550 sqm		
	Survey date: THURSDAY	03/07/08		Survey Type: MANUAL
3	KC-02-A-09 SANDLING ROAD	COUNCIL OFFICES		KENT
	MAIDSTONE			
	Edge of Town Centre			
	Built-Up Zone			
	Total Gross floor area:	1500 sqm		
	Survey date: WEDNESDAY	19/10/11		Survey Type: MANUAL
4	LC-02-A-08 UNION STREET	COUNCIL OFFICES		LANCASHIRE
	CHORLEY			
	Edge of Town Centre			
	Retail Zone			
	Total Gross floor area:	2000 sqm		
	Survey date: TUESDAY	13/06/06		Survey Type: MANUAL
5	SO-02-A-01 HIGH STREET	COUNCIL OFFICES		SLOUGH
	SLOUGH			
	Town Centre			
	High Street			
	Total Gross floor area:	1800 sqm		
	Survey date: THURSDAY	27/02/14		Survey Type: MANUAL
6	SW-02-A-02 KINGS ROAD	OFFICE		SWANSEA
	SWANSEA			
	Edge of Town Centre			
	Development Zone			
	Total Gross floor area:	2225 sqm		
	Survey date: THURSDAY	24/10/13		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/A - OFFICE  
VEHICLES

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									
07:00 - 08:00	6	1757	0.910	6	1757	0.066	6	1757	0.976
08:00 - 09:00	6	1757	2.551	6	1757	0.303	6	1757	2.854
09:00 - 10:00	6	1757	1.802	6	1757	0.522	6	1757	2.324
10:00 - 11:00	6	1757	1.214	6	1757	1.110	6	1757	2.324
11:00 - 12:00	6	1757	0.948	6	1757	0.787	6	1757	1.735
12:00 - 13:00	6	1757	0.654	6	1757	0.721	6	1757	1.375
13:00 - 14:00	6	1757	0.816	6	1757	0.730	6	1757	1.546
14:00 - 15:00	6	1757	0.721	6	1757	0.797	6	1757	1.518
15:00 - 16:00	6	1757	0.550	6	1757	0.958	6	1757	1.508
16:00 - 17:00	6	1757	0.493	6	1757	2.371	6	1757	2.864
17:00 - 18:00	6	1757	0.417	6	1757	2.086	6	1757	2.503
18:00 - 19:00	6	1757	0.104	6	1757	0.417	6	1757	0.521
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			11.180			10.868			22.048

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:  $\text{COUNT} / \text{TRP} * \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 1469 - 2225 (units: sqm)  
 Survey date range: 01/01/06 - 27/02/14  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys manually removed from selection: 1

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/A - OFFICE  
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									
07:00 - 08:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
08:00 - 09:00	6	1757	0.009	6	1757	0.009	6	1757	0.018
09:00 - 10:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
10:00 - 11:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
11:00 - 12:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
12:00 - 13:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
13:00 - 14:00	6	1757	0.009	6	1757	0.009	6	1757	0.018
14:00 - 15:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
15:00 - 16:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
16:00 - 17:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
17:00 - 18:00	6	1757	0.019	6	1757	0.019	6	1757	0.038
18:00 - 19:00	6	1757	0.000	6	1757	0.000	6	1757	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.037			0.037			0.074

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.

#### Parameter summary

Trip rate parameter range selected: 1469 - 2225 (units: sqm)  
 Survey date range: 01/01/06 - 27/02/14  
 Number of weekdays (Monday-Friday): 6  
 Number of Saturdays: 0  
 Number of Sundays: 0  
 Surveys manually removed from selection: 1

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.

## **TRICS Output**

Retirement flats

Calculation Reference: AUDIT-752001-150326-0315

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL  
 Category : N - RETIREMENT FLATS  
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	KC KENT	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	SY SOUTH YORKSHIRE	1 days
10	WALES	
	PS POWYS	1 days
	VG VALE OF GLAMORGAN	1 days

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

## Filtering Stage 2 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:	28 to 52 (units: )
Range Selected by User:	28 to 76 (units: )

Public Transport Provision:

Selection by:	Include all surveys
---------------	---------------------

Date Range:	01/01/06 to 19/12/12
-------------	----------------------

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	2 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	2
Suburban Area (PPS6 Out of 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	2
No Sub Category	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

C3

4 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

15,001 to 20,000

2 days

25,001 to 50,000

1 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

1 days

100,001 to 125,000

1 days

125,001 to 250,000

2 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

1 days

1.1 to 1.5

3 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No

4 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.

LIST OF SITES relevant to selection parameters

1	KC-03-N-05 HARDRES STREET	RETIREMENT FLATS	KENT
	RAMSGATE Edge of Town Centre No Sub Category Total Number of dwellings: 41 Survey date: MONDAY 07/12/09		Survey Type: MANUAL
2	PS-03-N-01 HEOL GOUESNOU	RETIREMENT FLATS	POWYS
	BRECON Edge of Town Centre No Sub Category Total Number of dwellings: 52 Survey date: FRIDAY 05/09/08		Survey Type: MANUAL
3	SY-03-N-01 MOSS CLOSE WICKERSLEY NEAR ROTHERHAM Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 28 Survey date: WEDNESDAY 19/12/12	RETIREMENT FLATS	SOUTH YORKSHIRE
4	VG-03-N-01 BRADFORD PLACE	RETIREMENT FLATS	VALE OF GLAMORGAN
	PENARTH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 46 Survey date: MONDAY 16/07/12		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 03 - RESIDENTIAL/N - RETIREMENT FLATS  
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	4	42	0.054	4	42	0.066	4	42	0.120
08:00 - 09:00	4	42	0.114	4	42	0.096	4	42	0.210
09:00 - 10:00	4	42	0.060	4	42	0.060	4	42	0.120
10:00 - 11:00	4	42	0.072	4	42	0.096	4	42	0.168
11:00 - 12:00	4	42	0.108	4	42	0.132	4	42	0.240
12:00 - 13:00	4	42	0.102	4	42	0.108	4	42	0.210
13:00 - 14:00	4	42	0.054	4	42	0.072	4	42	0.126
14:00 - 15:00	4	42	0.084	4	42	0.066	4	42	0.150
15:00 - 16:00	4	42	0.066	4	42	0.066	4	42	0.132
16:00 - 17:00	4	42	0.132	4	42	0.102	4	42	0.234
17:00 - 18:00	4	42	0.054	4	42	0.066	4	42	0.120
18:00 - 19:00	4	42	0.078	4	42	0.048	4	42	0.126
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.978			0.978			1.956

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.

#### Parameter summary

Trip rate parameter range selected: 28 - 52 (units: )  
 Survey date range: 01/01/06 - 19/12/12  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 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/N - RETIREMENT FLATS

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	4	42	0.000	4	42	0.000	4	42	0.000
08:00 - 09:00	4	42	0.000	4	42	0.000	4	42	0.000
09:00 - 10:00	4	42	0.000	4	42	0.000	4	42	0.000
10:00 - 11:00	4	42	0.006	4	42	0.000	4	42	0.006
11:00 - 12:00	4	42	0.000	4	42	0.000	4	42	0.000
12:00 - 13:00	4	42	0.000	4	42	0.000	4	42	0.000
13:00 - 14:00	4	42	0.000	4	42	0.000	4	42	0.000
14:00 - 15:00	4	42	0.000	4	42	0.000	4	42	0.000
15:00 - 16:00	4	42	0.000	4	42	0.000	4	42	0.000
16:00 - 17:00	4	42	0.000	4	42	0.000	4	42	0.000
17:00 - 18:00	4	42	0.000	4	42	0.006	4	42	0.006
18:00 - 19:00	4	42	0.000	4	42	0.000	4	42	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.006			0.006			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:  $\text{COUNT} / \text{TRP} * \text{FACT}$ . Trip rates are then rounded to 3 decimal places.

#### Parameter summary

Trip rate parameter range selected: 28 - 52 (units: )  
 Survey date date range: 01/01/06 - 19/12/12  
 Number of weekdays (Monday-Friday): 4  
 Number of Saturdays: 0  
 Number of Sundays: 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.

## **Appendix B**

### **Traffic growth**

#### Traffic growth factors



## Growth Factors

*Table A1.1: AM NTEM car growth factors*

<b>NTEM zone</b>	<b>Time period</b>	<b>Origin/ Destination</b>	<b>Trip purpose</b>	<b>2012– 2032 Base</b>	<b>2012– 2032 Local Plan</b>
rural (Eden)	AM	Origin	Commute	0.92345	0.92345
rural (Eden)	AM	Origin	Business	0.94083	0.94083
rural (Eden)	AM	Origin	Education	0.90009	0.90009
rural (Eden)	AM	Origin	Other	1.13708	1.13708
rural (Eden)	AM	Destination	Commute	0.99714	0.99714
rural (Eden)	AM	Destination	Business	1.00599	1.00599
rural (Eden)	AM	Destination	Education	0.96268	0.96268
rural (Eden)	AM	Destination	Other	1.17436	1.17436
Penrith	AM	Origin	Commute	1.01368	0.86549
Penrith	AM	Origin	Business	1.01806	0.92325
Penrith	AM	Origin	Education	0.98048	0.86117
Penrith	AM	Origin	Other	1.21617	1.08828
Penrith	AM	Destination	Commute	1.00779	1.00094
Penrith	AM	Destination	Business	1.01937	1.01408
Penrith	AM	Destination	Education	0.95474	0.93869
Penrith	AM	Destination	Other	1.20630	1.14613

Table A1.2: PM NTEM car growth factors

NTEM zone	Time period	Origin/ Destination	Trip purpose	2012– 2032 Base	2012– 2032 Local Plan
rural (Eden)	PM	Origin	Commute	0.99623	0.99623
rural (Eden)	PM	Origin	Business	1.00099	1.00099
rural (Eden)	PM	Origin	Education	0.95766	0.95766
rural (Eden)	PM	Origin	Other	1.09959	1.09959
rural (Eden)	PM	Destination	Commute	0.92361	0.92361
rural (Eden)	PM	Destination	Business	0.94742	0.94742
rural (Eden)	PM	Destination	Education	0.91566	0.91566
rural (Eden)	PM	Destination	Other	1.09496	1.09496
Penrith	PM	Origin	Commute	1.00713	0.99601
Penrith	PM	Origin	Business	1.01776	1.00355
Penrith	PM	Origin	Education	0.96057	0.93548
Penrith	PM	Origin	Other	1.14496	1.06865
Penrith	PM	Destination	Commute	1.00995	0.86385
Penrith	PM	Destination	Business	1.02217	0.92683
Penrith	PM	Destination	Education	0.98095	0.88571
Penrith	PM	Destination	Other	1.14990	1.04997

*Table A1.3: Fuel and income growth factors*

<b>Factor</b>	<b>2012–2032 Base</b>	<b>2012–2032 Local Plan</b>
Income	1.06403	1.06403
Fuel	1.01475	1.01475

*Table A1.4: NTM growth factors*

<b>NTEM zone</b>	<b>Road type</b>	<b>Time period</b>	<b>2012–2032 Base</b>	<b>2012–2032 Local Plan</b>
Penrith	Urban all	AM	1.20729	1.11887
rural (Eden)	Rural all	AM	1.15847	1.15847
Cumbria	Rural motorway	AM	1.23722	1.23722
Cumbria	Rural trunk	AM	1.22194	1.22194
Cumbria	Rural principal	AM	1.17164	1.17164
Cumbria	Rural minor	AM	1.19496	1.19496
Penrith	Urban all	PM	1.23111	1.14063
rural (Eden)	Rural all	PM	1.18421	1.18421
Cumbria	Rural motorway	PM	1.25404	1.25404
Cumbria	Rural trunk	PM	1.23855	1.23855
Cumbria	Rural principal	PM	1.18756	1.18756
Cumbria	Rural minor	PM	1.21121	1.21121

## **Appendix C**

### **Forecast junction performance**

Table C1: Forecast junction performance

Figure C1: Forecast junction performance

**Penrith Local Plan Transport Modelling Results**  
**Table C1: Forecast junction performance**

Junction performance: Ratio of Flow to Capacity (RFC)			Base Network					
Scenario:			2012 Base		2032 Base		2032 Local Plan	
Ref	Node	Junction	AM	PM	AM	PM	AM	PM
1	1030	Corn Market/Great Dockray	0.24	0.63	0.39	0.84	0.42	0.85
2	1130	Middlegate/Burrowgate	0.70	0.32	0.70	0.36	0.85	0.39
3	1150	Duke Street/Stricklandgate	0.96	0.86	0.98	0.85	1.01	0.94
4	1160	Stricklandgate/Portland Place	0.75	0.43	0.73	0.46	0.89	0.51
5	5010	Victoria Road/Roper Street	0.94	0.68	0.93	0.81	0.95	0.82
6	5065	A6 Eamont Bridge Signals	0.54	0.67	0.67	0.80	0.72	0.83
7	5100	Carleton Avenue/Carleton Road	0.43	0.26	0.66	0.53	0.83	0.67
8	5110	Carleton Avenue/Carleton Hall Road	0.27	0.46	0.34	0.73	0.49	1.03
9	6103	M6 Junction 40: A592 entry	0.64	0.61	0.85	0.82	0.91	0.88
10	6106	M6 Junction 40: A66 (E) entry	0.64	0.63	0.77	0.75	0.82	0.82
Total number of junctions approaching capacity (0.8 < RFC < 1.00):			2	1	3	4	6	6
Total number of junctions over capacity (RFC > 1.00):			0	0	0	0	1	1



