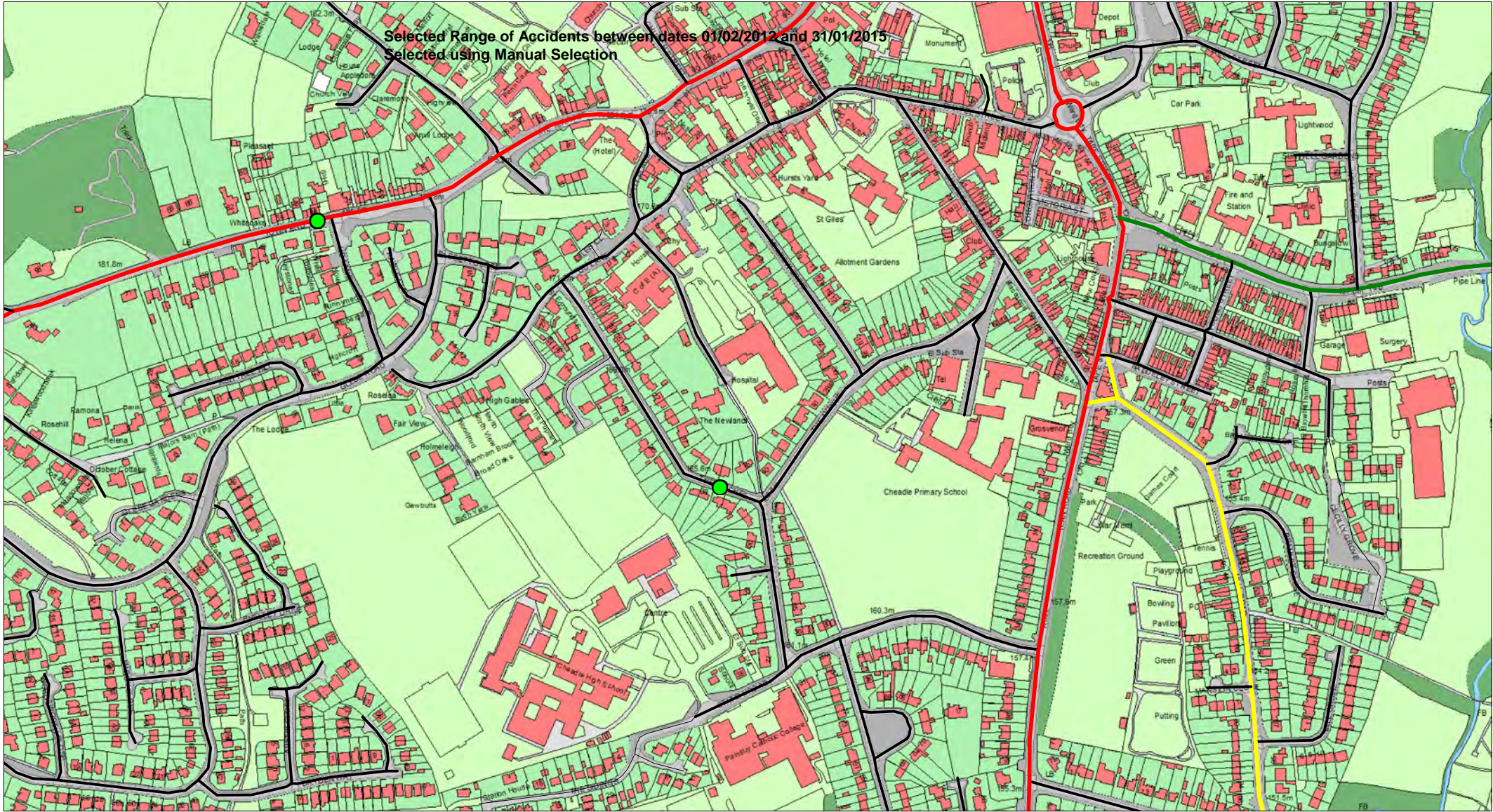




APPENDIX A

Personal Injury Collision Statistics



AccsMap - Accident Analysis System

Accidents between dates **01/02/2012 and 31/01/2015** (36) months

Selection: _____ **Notes:** _____

Selected using Manual Selection

Acc. Ref. No:	12004902	Road:	D 150	Grid Reference:	400716	342863
District Council:	Staffordshire Moorland	Time:	1500		Thursday	13-September-2012
Lighting:	Daylight:street lights present	Weather:	Fine without high winds		Speed limit:	30
Severity:	SLIGHT	Road surface	Dry			
Location:	O/S 45 THE BIRCHES CHEADLE					

The accident occurred on the D150, a single carriageway .

Special conditions and hazards: None

Vehicle 1 Motorcycle 50cc and under, travelling from SE to NW was going ahead other on the main carriageway. The vehicle was not at, or within 20M of a junction and collided with vehicle 2.

The male driver aged 16 lived in ST10 had regularly travelled through the site before.

Vehicle 2 Car, travelling from NW to SE was going ahead other on the main carriageway. The vehicle was not at, or within 20M of a junction and collided with vehicle 1. The female driver aged 40 lived in ST10 had regularly travelled through the site before.

Casualty 1 (Vehicle 1) A male rider aged 16 suffered a slight injury.

Contributory Factors

Vehicle 1 Failed to look properly

Vehicle 1 Inexperienced or learner driver/rider

Vehicle 1 Distraction outside vehicle

Acc. Ref. No:	14000261	Road:	A 521	Grid Reference:	400358	343100
District Council:	Staffordshire Moorland	Time:	1014	Tuesday	07-January-2014	
Lighting:	Daylight	Weather:	Fine without high winds			Speed limit: 30
Severity:	SLIGHT	Road surface	Wet/Damp			
Location:	TOWN END CHEADLE APPROX 10MTS WEST J/W LID LANE					

The accident occurred at a T or staggered junction on the A521, a single carriageway at its junction with the Unclassified150 controlled by a give way or uncontrolled..

Special conditions and hazards: None

Vehicle 1 Car, was going ahead other on the main carriageway. The vehicle was approaching junction or waiting/parked at junction approach. The male driver aged 42 lived in ST10.

Vehicle 2 Car, travelling from W to E was going ahead but held up on the main carriageway. The vehicle was approaching junction or waiting/parked at junction approach. The female driver aged 30 lived in ST4 .

Vehicle 3	Car, travelling from W to S was turning right on the main carriageway. The vehicle was leaving main road. The untraced driver of an unknown age .
------------------	---

Casualty 1 (Vehicle 2) A female vehicle or pillion passenger aged 37 suffered a slight injury.

Casualty 2 (Vehicle 2) A female driver aged 30 suffered a slight injury.

Contributory Factors

Vehicle 1 Failed to look properly

Vehicle 1 Sudden braking



APPENDIX B

TRICS Outputs

Calculation Reference: AUDIT-235601-150615-0630

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

03	SOUTH WEST	
	DC DORSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	2 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	3 days
	ST STAFFORDSHIRE	1 days
	WK WARWICKSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	5 days
	SY SOUTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	1 days
	MS MERSEYSIDE	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: 6 to 98 (units:)
 Range Selected by User: 6 to 100 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/09 to 22/05/14

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	4 days
Tuesday	7 days
Wednesday	3 days
Thursday	3 days
Friday	5 days

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

Selected survey types:

Manual count	22 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)	11
Edge of Town	9

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	18
No Sub Category	4

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:

C1	1 days
C3	20 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,001 to 5,000	4 days
5,001 to 10,000	7 days
10,001 to 15,000	4 days
15,001 to 20,000	3 days
20,001 to 25,000	1 days
25,001 to 50,000	3 days

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

Population within 5 miles:

5,001 to 25,000	2 days
25,001 to 50,000	2 days
50,001 to 75,000	1 days
75,001 to 100,000	6 days
100,001 to 125,000	1 days
125,001 to 250,000	4 days
250,001 to 500,000	5 days
500,001 or More	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	8 days
1.1 to 1.5	14 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	22 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	CA-03-A-04	DETACHED		CAMBRIDGESHIRE
	THORPE PARK ROAD			
	PETERBOROUGH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	9		
	Survey date: TUESDAY	18/10/11		Survey Type: MANUAL
2	CH-03-A-08	DETACHED		CHESHIRE
	WHITCHURCH ROAD			
	BOUGHTON HEATH			
	CHESTER			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	11		
	Survey date: TUESDAY	22/05/12		Survey Type: MANUAL
3	DC-03-A-08	BUNGALOWS		DORSET
	HURSTDENE ROAD			
	CASTLE LANE WEST			
	BOURNEMOUTH			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	28		
	Survey date: MONDAY	24/03/14		Survey Type: MANUAL
4	GM-03-A-10	DETACHED/SEMI		GREATER MANCHESTER
	BUTT HILL DRIVE			
	PRESTWICH			
	MANCHESTER			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	29		
	Survey date: WEDNESDAY	12/10/11		Survey Type: MANUAL
5	LC-03-A-30	SEMI-DETACHED		LANCASHIRE
	WATSON ROAD			
	BLACKPOOL			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:	24		
	Survey date: FRIDAY	14/06/13		Survey Type: MANUAL
6	LN-03-A-03	SEMI DETACHED		LINCOLNSHIRE
	ROOKERY LANE			
	BOULTHAM			
	LINCOLN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	22		
	Survey date: TUESDAY	18/09/12		Survey Type: MANUAL
7	MS-03-A-03	DETACHED		MERSEYSIDE
	BEMPTON ROAD			
	OTTERSPOOL			
	LIVERPOOL			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	15		
	Survey date: FRIDAY	21/06/13		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	NF-03-A-01	SEMI DET. & BUNGALOWS		NORFOLK
	YARMOUTH ROAD			
	CAISTER-ON-SEA			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	27		
	Survey date: TUESDAY	16/10/12		Survey Type: MANUAL
9	NF-03-A-02	HOUSES & FLATS		NORFOLK
	DEREHAM ROAD			
	NORWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	98		
	Survey date: MONDAY	22/10/12		Survey Type: MANUAL
10	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
11	NY-03-A-08	TERRACED HOUSES		NORTH YORKSHIRE
	NICHOLAS STREET			
	YORK			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	21		
	Survey date: MONDAY	16/09/13		Survey Type: MANUAL
12	NY-03-A-09	MIXED HOUSING		NORTH YORKSHIRE
	GRAMMAR SCHOOL LANE			
	NORTHALLERTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	52		
	Survey date: MONDAY	16/09/13		Survey Type: MANUAL
13	NY-03-A-10	HOUSES AND FLATS		NORTH YORKSHIRE
	BOROUGHBRIDGE ROAD			
	RIPON			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	71		
	Survey date: TUESDAY	17/09/13		Survey Type: MANUAL
14	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

LIST OF SITES relevant to selection parameters (Cont.)

15	SF-03-A-04	DETACHED & BUNGALOWS		SUFFOLK
	NORMANSTON DRIVE			
	LOWESTOFT			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	7		
	Survey date: TUESDAY	23/10/12		Survey Type: MANUAL
16	SH-03-A-03	DETACHED		SHROPSHIRE
	SOMERBY DRIVE			
	BICTON HEATH			
	SHREWSBURY			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	10		
	Survey date: FRIDAY	26/06/09		Survey Type: MANUAL
17	SH-03-A-05	SEMI-DETACHED/TERRACED		SHROPSHIRE
	SANDCROFT			
	SUTTON HILL			
	TELFORD			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	54		
	Survey date: THURSDAY	24/10/13		Survey Type: MANUAL
18	SH-03-A-06	BUNGALOWS		SHROPSHIRE
	ELLESMERE ROAD			
	SHREWSBURY			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	16		
	Survey date: THURSDAY	22/05/14		Survey Type: MANUAL
19	ST-03-A-06	SEMI-DET. & TERRACED		STAFFORDSHIRE
	STANFORD ROAD			
	BLAKENHALL			
	WOLVERHAMPTON			
	Edge of Town Centre			
	No Sub Category			
	Total Number of dwellings:	17		
	Survey date: FRIDAY	09/05/14		Survey Type: MANUAL
20	SY-03-A-01	SEMI DETACHED HOUSES		SOUTH YORKSHIRE
	A19 BENTLEY ROAD			
	BENTLEY RISE			
	DONCASTER			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	54		
	Survey date: WEDNESDAY	18/09/13		Survey Type: MANUAL
21	WK-03-A-01	TERRACED/SEMI /DET.		WARWICKSHIRE
	ARLINGTON AVENUE			
	LEAMINGTON SPA			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	6		
	Survey date: FRIDAY	21/10/11		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22	WK-03-A-02	BUNGALOWS	WARWICKSHIRE
	NARBERTH WAY		
	POTTERS GREEN		
	COVENTRY		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	17	
	Survey date: THURSDAY	17/10/13	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 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	22	29	0.079	22	29	0.241	22	29	0.320
08:00 - 09:00	22	29	0.145	22	29	0.390	22	29	0.535
09:00 - 10:00	22	29	0.128	22	29	0.170	22	29	0.298
10:00 - 11:00	22	29	0.125	22	29	0.131	22	29	0.256
11:00 - 12:00	22	29	0.156	22	29	0.156	22	29	0.312
12:00 - 13:00	22	29	0.161	22	29	0.132	22	29	0.293
13:00 - 14:00	22	29	0.151	22	29	0.155	22	29	0.306
14:00 - 15:00	22	29	0.155	22	29	0.189	22	29	0.344
15:00 - 16:00	22	29	0.222	22	29	0.164	22	29	0.386
16:00 - 17:00	22	29	0.271	22	29	0.181	22	29	0.452
17:00 - 18:00	22	29	0.322	22	29	0.142	22	29	0.464
18:00 - 19:00	22	29	0.218	22	29	0.139	22	29	0.357
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:		2.133			2.190			4.323	

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: 6 - 98 (units:)
 Survey date date range: 01/01/09 - 22/05/14
 Number of weekdays (Monday-Friday): 22
 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

TAXIS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	29	0.006	22	29	0.008	22	29	0.014
08:00 - 09:00	22	29	0.002	22	29	0.002	22	29	0.004
09:00 - 10:00	22	29	0.006	22	29	0.003	22	29	0.009
10:00 - 11:00	22	29	0.005	22	29	0.006	22	29	0.011
11:00 - 12:00	22	29	0.003	22	29	0.003	22	29	0.006
12:00 - 13:00	22	29	0.003	22	29	0.003	22	29	0.006
13:00 - 14:00	22	29	0.003	22	29	0.002	22	29	0.005
14:00 - 15:00	22	29	0.006	22	29	0.006	22	29	0.012
15:00 - 16:00	22	29	0.005	22	29	0.005	22	29	0.010
16:00 - 17:00	22	29	0.000	22	29	0.005	22	29	0.005
17:00 - 18:00	22	29	0.006	22	29	0.005	22	29	0.011
18:00 - 19:00	22	29	0.005	22	29	0.006	22	29	0.011
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.050			0.054			0.104

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:	6 - 98 (units:)
Survey date date range:	01/01/09 - 22/05/14
Number of weekdays (Monday-Friday):	22
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	22	29	0.000	22	29	0.000	22	29	0.000
08:00 - 09:00	22	29	0.008	22	29	0.008	22	29	0.016
09:00 - 10:00	22	29	0.005	22	29	0.003	22	29	0.008
10:00 - 11:00	22	29	0.002	22	29	0.002	22	29	0.004
11:00 - 12:00	22	29	0.005	22	29	0.002	22	29	0.007
12:00 - 13:00	22	29	0.000	22	29	0.002	22	29	0.002
13:00 - 14:00	22	29	0.003	22	29	0.003	22	29	0.006
14:00 - 15:00	22	29	0.002	22	29	0.002	22	29	0.004
15:00 - 16:00	22	29	0.002	22	29	0.002	22	29	0.004
16:00 - 17:00	22	29	0.002	22	29	0.003	22	29	0.005
17:00 - 18:00	22	29	0.003	22	29	0.003	22	29	0.006
18:00 - 19:00	22	29	0.000	22	29	0.000	22	29	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.032			0.030			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: 6 - 98 (units:)
 Survey date range: 01/01/09 - 22/05/14
 Number of weekdays (Monday-Friday): 22
 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

PSVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	29	0.000	22	29	0.000	22	29	0.000
08:00 - 09:00	22	29	0.000	22	29	0.000	22	29	0.000
09:00 - 10:00	22	29	0.000	22	29	0.000	22	29	0.000
10:00 - 11:00	22	29	0.000	22	29	0.000	22	29	0.000
11:00 - 12:00	22	29	0.003	22	29	0.003	22	29	0.006
12:00 - 13:00	22	29	0.000	22	29	0.000	22	29	0.000
13:00 - 14:00	22	29	0.000	22	29	0.000	22	29	0.000
14:00 - 15:00	22	29	0.000	22	29	0.000	22	29	0.000
15:00 - 16:00	22	29	0.000	22	29	0.000	22	29	0.000
16:00 - 17:00	22	29	0.000	22	29	0.000	22	29	0.000
17:00 - 18:00	22	29	0.000	22	29	0.000	22	29	0.000
18:00 - 19:00	22	29	0.000	22	29	0.000	22	29	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.003			0.003			0.006

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: $COUNT/TRP*FACT$. Trip rates are then rounded to 3 decimal places.

Parameter summary

Trip rate parameter range selected: 6 - 98 (units:)
 Survey date range: 01/01/09 - 22/05/14
 Number of weekdays (Monday-Friday): 22
 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
CYCLISTS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	29	0.002	22	29	0.036	22	29	0.038
08:00 - 09:00	22	29	0.003	22	29	0.046	22	29	0.049
09:00 - 10:00	22	29	0.002	22	29	0.016	22	29	0.018
10:00 - 11:00	22	29	0.005	22	29	0.019	22	29	0.024
11:00 - 12:00	22	29	0.005	22	29	0.005	22	29	0.010
12:00 - 13:00	22	29	0.009	22	29	0.005	22	29	0.014
13:00 - 14:00	22	29	0.009	22	29	0.002	22	29	0.011
14:00 - 15:00	22	29	0.005	22	29	0.008	22	29	0.013
15:00 - 16:00	22	29	0.036	22	29	0.006	22	29	0.042
16:00 - 17:00	22	29	0.036	22	29	0.006	22	29	0.042
17:00 - 18:00	22	29	0.033	22	29	0.008	22	29	0.041
18:00 - 19:00	22	29	0.013	22	29	0.005	22	29	0.018
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.158			0.162			0.320

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: 6 - 98 (units:)
 Survey date range: 01/01/09 - 22/05/14
 Number of weekdays (Monday-Friday): 22
 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 C

Traffic Distribution Calculations

Ward of Residence		Ward of Work			Work from home	Underground, light rail, tram	Train	Bus, minibus or coach	Taxi	Car driver	Car Passenger	Motorcycle etc	Bicycle	On foot	Other	Total
Code	Ward	Code	Ward	Local Authority												
41UHT	Cheadle West	00BBGC	Boleyn	Newham	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00BKGO	St James's	Westminster	0	3	0	0	0	0	0	0	0	0	0	3
41UHT	Cheadle West	00BLFA	Astley Bridge	Bolton	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00BNFK	Central	Manchester	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00BRFM	Pendebury	Salford	0	0	3	0	0	0	0	0	0	0	0	3
41UHT	Cheadle West	00BSFD	Cheadle	Stockport	0	0	0	0	0	3	3	0	0	0	0	6
41UHT	Cheadle West	00BSFW	South Reddish	Stockport	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00BWFx	Tyldesley East	Wigan	0	0	0	0	0	0	3	0	0	0	0	3
41UHT	Cheadle West	00CGFX	Netherthorpe	Sheffield	0	0	0	0	0	0	3	0	0	0	0	3
41UHT	Cheadle West	00CGGB	Sharrow	Sheffield	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00CGGF	Walkley	Sheffield	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00CUFQ	Pleck	Walsall	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00ETNL	Halton View	Halton	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00EYNQ	Stanley	Blackpool	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00FKNN	Sinfin	Derby	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00FYNL	Bridge	Nottingham	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00GLMX	Abbey Green	Stoke-on-Trent	0	0	0	0	0	21	0	0	0	0	0	21
41UHT	Cheadle West	00GLMY	Bentilee and Townsend	Stoke-on-Trent	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00GLMZ	Berryhill and Hanley East	Stoke-on-Trent	0	0	0	3	0	23	4	0	0	0	0	30
41UHT	Cheadle West	00GLNA	Blurton	Stoke-on-Trent	0	0	0	0	0	20	0	0	0	0	0	20
41UHT	Cheadle West	00GLNC	Burslem South	Stoke-on-Trent	0	0	0	0	0	17	0	0	0	0	0	17
41UHT	Cheadle West	00GLNE	East Valley	Stoke-on-Trent	0	0	0	0	0	6	0	0	0	0	0	6
41UHT	Cheadle West	00GLNF	Fenton	Stoke-on-Trent	0	0	0	0	0	27	0	0	0	0	0	27
41UHT	Cheadle West	00GLNG	Hanley West and Shelton	Stoke-on-Trent	0	0	0	17	0	94	8	0	0	3	0	122
41UHT	Cheadle West	00GLNH	Harthill and Penkhill	Stoke-on-Trent	0	0	0	4	0	41	6	0	0	3	0	54
41UHT	Cheadle West	00GLNJ	Longton North	Stoke-on-Trent	0	0	0	3	0	33	8	3	0	3	0	50
41UHT	Cheadle West	00GLNK	Longton South	Stoke-on-Trent	0	0	0	0	0		0	0	0	0	0	0
41UHT	Cheadle West	00GLNL	Meir Park and Sandon	Stoke-on-Trent	0	0	0	0	0	20	0	0	0	0	0	20
41UHT	Cheadle West	00GLNM	Northwood and Birches Head	Stoke-on-Trent	0	0	0	0	0	15	3	0	0	0	0	18
41UHT	Cheadle West	00GLNN	Norton and Bradeley	Stoke-on-Trent	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	00GLNP	Stoke and Trent Vale	Stoke-on-Trent	0	0	0	3	0	36	0	0	0	0	0	39
41UHT	Cheadle West	00GLNR	Tunstall	Stoke-on-Trent	0	0	0	0	0	11	0	0	0	0	0	11
41UHT	Cheadle West	00GLNS	Weston and Meir North	Stoke-on-Trent	0	0	0	0	0	5	3	0	0	0	0	8
41UHT	Cheadle West	00PTNX	Llanishen	Cardiff	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	13UBGH	Boughton	Chester	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	13UCFW	Alsager East	Congleton	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	13UCGC	Congleton North	Congleton	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	13UCGD	Congleton North West	Congleton	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	13UCGF	Congleton West	Congleton	0	0	0	3	0	3	0	0	0	0	0	6
41UHT	Cheadle West	13UDGM	Englesea	Crewe and Nantwich	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	17UFGD	Ashbourne South	Derbyshire Dales	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	17UFGJ	Carsington Water	Derbyshire Dales	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	17UFGQ	Hartington and Taddington	Derbyshire Dales	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	17UKFY	Matlock St Giles	Derbyshire Dales	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	19UHHY	Sherborne East	West Dorset	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	24UFFQ	Brockhurst	Gosport	0	0	0	0	0	0	0	0	0	3	0	3
41UHT	Cheadle West	26UBGC	Waltham Cross	Broxbourne	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	31UEGJ	Newbold Verdon with Desford and Peckleton	Hinckley and Bosworth	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	39UCGN	Market Drayton North	North Shropshire	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UBFU	Cannock South	Cannock Chase	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UBGG	Western Springs	Cannock Chase	0	0	0	0	0	4	0	0	0	0	0	4
41UHT	Cheadle West	41UCGC	Abbey	East Staffordshire	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UCGJ	Churnet	East Staffordshire	0	0	0	0	0	70	5	0	0	0	0	75
41UHT	Cheadle West	41UCGK	Crown	East Staffordshire	0	0	0	0	0	5	0	0	0	0	0	5
41UHT	Cheadle West	41UCGM	Heath	East Staffordshire	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UCGN	Horninglow	East Staffordshire	0	0	0	0	0	6	0	0	0	0	0	6
41UHT	Cheadle West	41UCGP	Needwood	East Staffordshire	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UCGR	Shobnall	East Staffordshire	0	0	0	0	0	0	0	0	0	3	0	3
41UHT	Cheadle West	41UCGU	Town	East Staffordshire	0	0	0	9	0	37	3	0	0	0	0	49
41UHT	Cheadle West	41UDGN	Chase Terrace	Lichfield	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UDGW	King's Bromley	Lichfield	0	0	0	0	0	0	0	0	0	3	0	3
41UHT	Cheadle West	41UDHE	Stowe	Lichfield	0	0	0	0	0	4	0	0	0	0	0	4
41UHT	Cheadle West	41UEGB	Bradwell	Newcastle-under-Lyme	0	0	0	0	0	10	0	0	0	0	0	10
41UHT	Cheadle West	41UEGC	Butt Lane	Newcastle-under-Lyme	0	0	0	0	0	5	3	0	0	0	0	8
41UHT	Cheadle West	41UEGD	Chesterton	Newcastle-under-Lyme	0	0	0	0	0	5	0	0	0	0	0	5
41UHT	Cheadle West	41UEGF	Cross Heath	Newcastle-under-Lyme	0	0	0	0	0	9	0	0	0	0	0	9
41UHT	Cheadle West	41UEGJ	Keele	Newcastle-under-Lyme	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UEGN	Madeley	Newcastle-under-Lyme	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UEGP	May Bank	Newcastle-under-Lyme	0	0	0	0	0	6	0	0	0	0	0	6
41UHT	Cheadle West	41UEGQ	Newchapel	Newcastle-under-Lyme	0	0	0	0	0	3	3	0	0	0	0	6
41UHT	Cheadle West	41UEGR	Porthill	Newcastle-under-Lyme	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UEGU	Silverdale and Parksile	Newcastle-under-Lyme	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UEGX	Thistleyberry	Newcastle-under-Lyme	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UEGY	Town	Newcastle-under-Lyme	0	0	0	0	0	12	0	0	0	3	0	15
41UHT	Cheadle West	41UEHA	Wolstanton	Newcastle-under-Lyme	0	0	0	0	0	4	0	0	0	0	0	4
41UHT	Cheadle West	41UFHW	Great Wyrley Landywood	South Staffordshire	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UGGH	Barlaston and Oulton	Stafford	0	0	0	0	0	6	0	0	0	0	0	6
41UHT	Cheadle West	41UGGK	Chartley	Stafford	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UGGM	Common	Stafford	0	0	0	0	0	5	0	0	0	0	0	5
41UHT	Cheadle West	41UGGN	Colton	Stafford	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UGGP	Eccleshall	Stafford	0	0	0	0	0	4	3	0	0	0	0	7
41UHT	Cheadle West	41UGGQ	Forebridge	Stafford	0	0	0	0	0	19	3	0	0	3	0	25
41UHT	Cheadle West	41UGGR	Fulford	Stafford	0	0	0	3	0	26	8	3	0	0	0	40
41UHT	Cheadle West	41UGGT	Haywood and Hixon	Stafford	0	0	0	0	0	4	3	0	0	0	0	7
41UHT	Cheadle West	41UGGX	Littleworth	Stafford	0	0	0	0	0	6	0	0	0	0	0	6
41UHT	Cheadle West	41UGGZ	Milford	Stafford	0	0	0	0	0	3	0	0	0	0	0	3
41UHT	Cheadle West	41UGHF	Stonefield and Christchurch	Stafford	0	0	0	0	0	9	0	0	0	0	0	9
41UHT	Cheadle West	41UGHG	Swynnerton	Stafford	0	0	0	3	0	4	0	0	0	0	0	7
41UHT	Cheadle West	41UGHJ	Walton	Stafford	0	0	0	0	0	9	6	0	0	0	0	15
41UHT	Cheadle West	41UGHK	Weeping Cross	Stafford	0	0	0	0	0	10	0	0	0	0	0	10

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2001 Census Travel to Work Statistics (Residents in Cheadle West Ward)

County	District	Work from home	Light rail, tram	Train	Bus	Taxi	Car Driver	Car Passenger	Motorcycle	Bicycle	On foot	Other	Total	Destination Split (Car Drivers)	Travel Route (Car Drivers)
Staffordshire	Stoke-on-Trent	0	0	0	30	0	387	32	3	0	9	0	461	28%	Town End
	Cannock Chase	0	0	0	0	0	7	0	0	0	0	0	7	1%	Town End
	East Staffordshire	0	0	0	9	0	127	8	0	0	3	0	147	9%	Town End
	Lichfield	0	0	0	0	0	7	0	0	0	3	0	10	1%	The Birches (S)
	Newcastle-under-Lyme	0	0	0	0	0	69	6	0	0	3	0	78	5%	Town End
	South Staffordshire	0	0	0	0	0	3	0	0	0	0	0	3	0%	Town End
	Stafford	0	0	0	6	0	111	23	3	0	3	0	146	8%	Town End
	Staffordshire Moorlands	227	0	3	22	3	680	124	18	35	241	3	1356	49%	See separate calculation
Total		227	0	3	67	3	1391	193	24	35	262	3	2208	100%	

NOTES: i. Destinations outside of Staffordshire account for only 6% of car trips and have been discounted.

Distribution of Work Trips by Staffordshire Districts (Cheadle West Residents)

Destination:	
Town End	47%
The Birches (S)	5%
High Street	0%
The Avenue	0%

Staffordshire Moorlands District	Work from home	Light rail, tram	Train	Bus	Taxi	Car Driver	Car Passenger	Motorcycle	Bicycle	On foot	Other	Total	Destination Split (Car Drivers)	Travel Route (Car Drivers)
Alton	0	0	0	13	0	76	32	0	0	3	0	124	5%	The Avenue
Biddulph West	0	0	0	0	0	0	0	0	0	3	0	3	0%	High Street
Caverswall	0	0	0	0	0	11	3	0	0	0	0	14	1%	Town End
Cellarhead	0	0	0	0	0	11	3	0	0	3	0	0	1%	High Street
Cheadle North East	0	0	0	0	0	26	3	3	3	12	0	47	2%	Town End
Cheadle South East	0	0	0	0	0	43	4	0	3	21	0	0	3%	High Street
Cheadle West	227	0	3	3	3	288	50	9	26	193	3	0	21%	The Avenue
Checkley	0	0	0	0	0	40	0	0	0	0	0	40	3%	The Birches (S)
Cheddleton	0	0	0	0	0	18	0	0	0	0	0	18	1%	Town End
Churnet	0	0	0	0	0	17	3	0	0	3	0	23	3%	The Birches (S)
Dane	0	0	0	0	0	3	0	0	0	0	0	3	1%	High Street
Forsbrook	0	0	0	0	0	11	3	0	0	0	0	14	1%	High Street
Hamps Valley	0	0	0	0	0	16	3	0	0	0	0	19	0%	High Street
Horton	0	0	0	0	0	8	0	0	0	0	0	8	1%	Town End
Ipstones	0	0	0	0	0	25	8	3	3	3	0	42	1%	High Street
Leek East	0	0	0	3	0	19	3	0	0	0	0	25	2%	High Street
Leek North	0	0	0	3	0	16	3	0	0	0	0	22	1%	High Street
Leek South	0	0	0	0	0	49	3	0	0	0	0	52	1%	High Street
Leek West	0	0	0	0	0	3	3	0	0	0	0	6	4%	High Street
Werrington	0	0	0	0	0	0	0	3	0	0	0	3	0%	High Street
Total	227	0	3	22	3	680	124	18	35	241	3	463	49%	

Destination:	
Town End	12%
The Birches (S)	15%
High Street	18%
The Avenue	4%

Distribution of Work Trips by Staffordshire Moorlands District Wards (Cheadle West Residents)

Town End

59%

The Birches (S)

19%

High Street

18%

The Avenue

4%

Distribution Summary



e: info@morgantucker.co.uk

w: www.morgantucker.co.uk

Newark +44 (0)1636 610 766 65 Northgate, Newark, Nottinghamshire NG24 1HD

London +44 (0)20 3764 5556 12-14 Berry Street, Clerkenwell, London EC1V 0AU

Leeds +44 (0)113 3571 135 Park House, Park Square West, Leeds LS1 2PW

