

Transport Statement

**Proposed Mixed Development
The Whitehouse Club, Middleton Road, Crumpsall**

Dappa Homes Ltd

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CONTENTS

1.0 INTRODUCTION 1

2.0 EXISTING CONDITIONS 3

3.0 ACCESSIBILITY APPRAISAL 5

4.0 PROPOSED DEVELOPMENT 7

5.0 DEVELOPMENT RELATED TRANSPORT MOVEMENTS 8

6.0 SUMMARY AND CONCLUSIONS 11

APPENDICES

1 GIS Plan – Walking

2 GIS Plan – Cycling

3 GIS Plan – Public Transport

4 Plan of Proposed Development

5 Swept Path of Refuse Vehicle

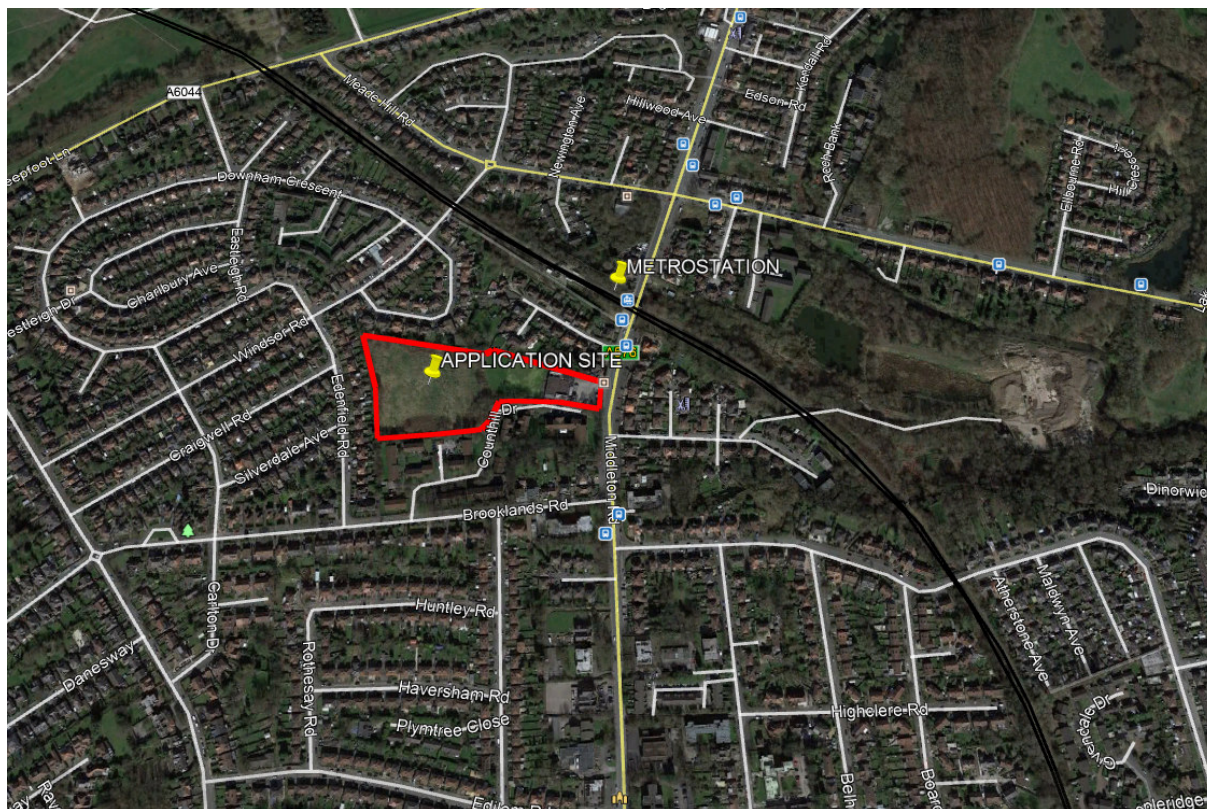
6 TRICS Output – Houses

7 TRICS Output - Apartments

1.0 INTRODUCTION

- 1.1 SCP is instructed by Dappa Homes Ltd in relation to a hybrid planning application on land at The Whitehouse Club, Middleton Road, Crumpsall. The site is highlighted at Figure 1 below:

Figure 1 – Application Site



- 1.2 The application site is currently occupied by The Whitehouse Club (circa 787 sqm) together with a car park for around 45no spaces and the land to the rear of the clubhouse is currently vacant. The vehicular access to the application site is taken from Middleton Road and there is separate access for pedestrians located to the south of the site which is also onto Middleton Road. The pedestrian access has steps and is not particularly user friendly for the mobility impaired. There is also an unused access from the application site onto Counthill Drive.
- 1.3 The hybrid application proposals include a detailed application for the demolition of the existing clubhouse and erection of a new club house (circa 421 sqm) and car park for 60no vehicles together with an access road onto Middleton Road and an outline application for residential development to the west of the clubhouse and car park. An illustrative masterplan has been produced for the residential development and includes 24 apartments plus 50 houses (18no 4 bed plus 32no 3 bed dwellings). Access will be derived from the access to the clubhouse onto Middleton Road.

- 1.4 The scale of the proposed development is such that a Transport Statement report is considered to be suitable to provide the information necessary to allow the Council to determine the application in a positive manner.
- 1.5 The Transport Statement includes an assessment of the anticipated level of traffic generation from the proposals together with an assessment of the accessibility of the application to local facilities by foot, cycle and public transport.

2.0 EXISTING CONDITIONS

- 2.1 The application site is located to the west of the A576, known as Middleton Road which locally links Cheetham Hill to the M60 motorway near to Middleton. The existing land uses derive access onto Middleton Road using a simple priority T style access and is without the benefit of footways, as illustrated at Figure 2 below:

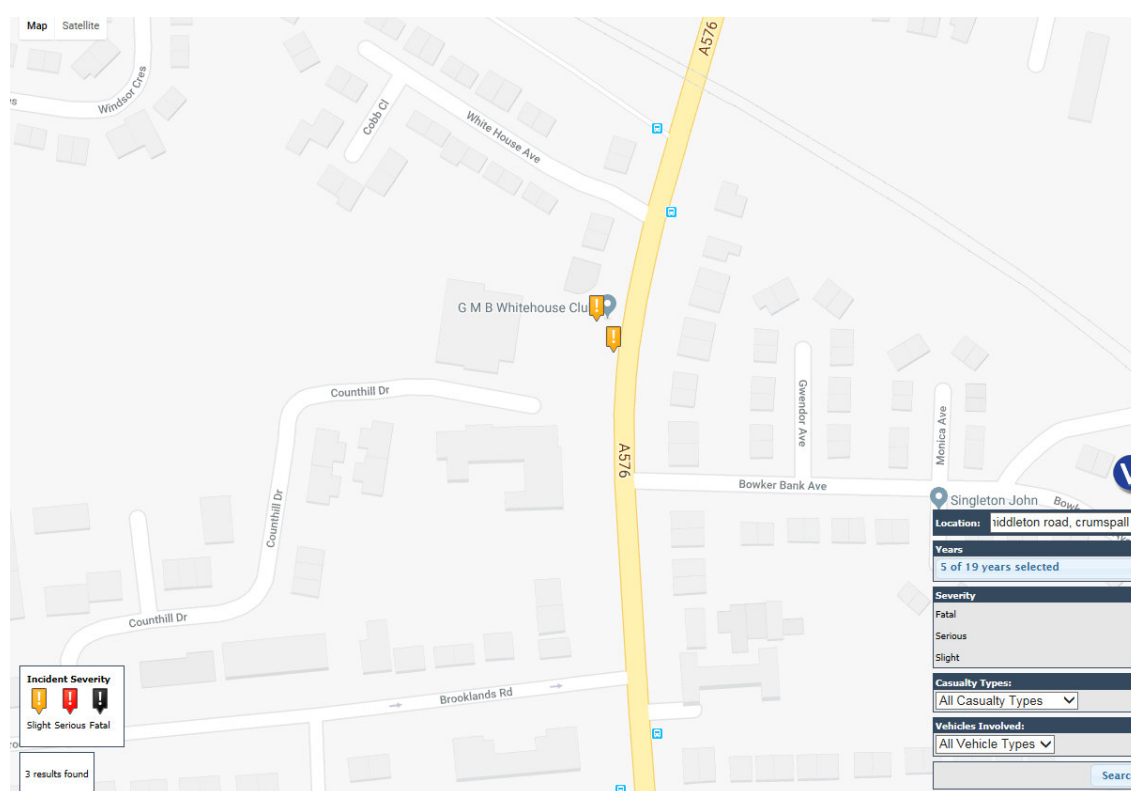
Figure 2 – Existing Site Access



- 2.2 The existing clubhouse (787 sqm) is located to the rear of the site with the parking area found to the front of the site. There are around 45no parking spaces on the site. There is a separate pedestrian access located to the south of the site from Middleton Road. Owing to level differences between the site and Middleton Road there are steps at this access which are not suitable for use by the mobility impaired.
- 2.3 The clubhouse car park has been inspected and generally during the day time there are only limited numbers of vehicles parked within the car park. As such the existing site usage is anticipated to attract limited vehicle movements during the highway peak hours.
- 2.4 Currently Middleton Road carries around 23,000 vehicles per day (total two way). Locally Middleton Road is around 10.5 m wide and it is flanked by a footway on both sides. It is subject to a mandatory 30 mph speed limit and it is lit. Around 70m to the south of the application site there is a fixed speed camera facing north and there is a signalised crossing point around 95m to the south of the site.

- 2.5 To the north of the site there are bus stops (circa 300m) on Middleton Road and Bowker Vale Metrostation is around a 400m walk distance to the north of the site.
- 2.6 The road safety record for the section of Middleton Road in the vicinity of the existing site access has been investigated using the available DfT data and over the latest 5 year period there have only been 2 no incidents along Middleton Road, as illustrated at Figure 3 below. One incident occurred in January 2014 and involved 2 vehicles with 1 slight injury and the other incident occurred in June 2017 and involved 2 vehicles with 2 slight injuries.

Figure 3 – Road Safety Information



- 2.7 Given the level of traffic volume using Middleton Road the existing road safety record is considered to be reasonable.

3.0 ACCESSIBILITY APPRAISAL

General

- 3.1 This chapter presents a review of the accessibility of the application site by walking, cycling and public transport modes.
- 3.2 Access between the application site and local areas by non-motorised modes has been assessed by comparison with the following widely used threshold distances:-

Threshold Distance	Significance
800m	Motorised modes are rarely used for trips of around 800m or less
2km	Walking offers the greatest potential to replace short car trips, particularly those under 2.0km
5km	Cycling also has potential to substitute for short car trips, particularly those under 5km and form part of a longer journey by public transport

Pedestrian Accessibility

- 3.3 The pedestrian accessibility of the development has been modelled using Geographical Information System (GIS) TRACC software to produce isochrone mapping areas. The purpose of the isochrones is to demonstrate the areas within an acceptable walk distance of the application site, as illustrated at **Appendix 1**.
- 3.4 As can be seen within the 2 km walk distance from the centre of the residential site there is a range of local facilities including primary schools, secondary schools, and convenience shops. Additionally there are bus stops within 300m of the site and Bowker Vale Metrostation (around 400m) from the centre of the residential site.

Cycle Accessibility

- 3.5 Transport policy identifies that cycling represents a realistic and healthy alternative to use of the private car for making journeys up to 5.0km as a whole journey or as part of a longer journey by public transport.

3.6 **Appendix 2** illustrates the 5.0km cycle catchment of the site, which is equivalent to a 25 minute cycle journey.

3.7 It can be seen that Prestwich and the northern edge of the City Centre are available within a 5km cycle distance. North Manchester Hospital is around 2.5km from the site.

Public Transport

3.8 The site benefits from good links to both buses and the metro service. Bus stops are located around 300m from the centre of the site and Bowker Vale Metrostation is around 400m from the site.

3.9 **Appendix 3** illustrates journey times in 10 minutes bands up to 60 minutes induration from the centre of the residential site including walk time to either the bus stop of Metrostation.

3.10 From the site it is possible to access all of the City Centre, Bury, Rochdale, Oldham, Ashton under Lyme.

3.11 The metrolink service provides access to mainline rail stations within Manchester City Centre where there is access to regional and national destinations. Additionally access is available to Altrincham, Eccles, Media City, East Didsbury and, Manchester Airport. A link to the Trafford Centre is also currently under construction.

3.12 It is considered that the application site is located in an accessible position and where there is a realistic choice of mode of travel other than the private car.

4.0 PROPOSED DEVELOPMENT

- 4.1 The development proposals are illustrated at **Appendix 4**. As indicated earlier the proposal for the clubhouse is submitted in detail and includes a 60no space car park including 4 spaces for mobility impaired drivers and a beer garden. The club is to be 421 sqm which is reduction from the current floor space of 787sqm. The residential development is submitted as an outline proposal and the illustrative masterplan identifies upon to 74 no dwellings on the site which a mix of 24no apartments, 32no 3 bed houses and 18no 4 bed houses. As this element is applied for in outline the final number and mix of dwellings may differ but no more than 74 dwellings will be provided.
- 4.2 The proposed car parking for the clubhouse is designed to ensure there would more than sufficient space available so that on street parking along the proposed site access road would not occur.
- 4.3 The parking proposed for the residential development is generally 1 space per dwelling.
- 4.4 Access is proposed using the existing point of access onto Middleton Road. The access is to be improved to provide a 5.5m wide carriageway plus 2m wide footways. Corner radii of 6m are also proposed.
- 4.5 The access is located on the outside of a bend in Middleton Road and the existing footway along the western side of Middleton Road is around 2.5m wide. Hence suitable and safe levels of visibility for the improved access can readily be achieved in both directions.
- 4.6 **Appendix 5** illustrates the swept path of a refuse vehicle entering and leaving the site in forward gear.

5.0 DEVELOPMENT RELATED TRANSPORT MOVEMENTS

- 5.1 The proposals include for the overall reduction in floor space of the clubhouse and also site inspections reveal that peak hour movement associated with the clubhouse are extremely limited. Hence the peak hour traffic movement associated with the proposals is considered to relate to the proposed residential scheme of up to 74 dwellings consisting of 24no apartments and 50 houses.
- 5.2 The anticipated level of traffic generation associated with the proposed residential development has been assessed using the industry standard TRICS database. The TRICS output is attached at **Appendix 6** (Houses) and **Appendix 7** (Apartments).
- 5.3 The selection criteria for the TRICS based trip rates for the 50 dwellings are as follows:-
- i) Residential;
 - ii) Houses Privately Owned;
 - iii) Multi modal surveys;
 - iv) Sites in Greater London, Scotland, Wales and Ireland excluded;
 - v) Selection by number of dwellings;
 - vi) Weekday surveys only; and
 - vii) Only sites in 'suburban area' locations selected
- 5.4 The selection criteria for the TRICS based trip rates for the 24 Apartments are as follows:-
- viii) Residential;
 - ix) Apartments Privately Owned;
 - x) Multi modal surveys;
 - xi) Sites in Greater London, Scotland, Wales and Ireland excluded;
 - xii) Selection by number of dwellings;
 - xiii) Weekday surveys only; and
 - xiv) Only sites in 'suburban area' locations selected

5.5 The table below summarises the trip rates and trips associated with the houses:

Mode - Houses	Weekday AM Peak Hour (08:00 to 09:00)		Weekday PM Peak Hour (17:00 to 18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicles	0.143 (7)	0.354 (18)	0.314 (16)	0.152 (8)
Cyclists	0.003 (0)	0.027 (1)	0.020 (1)	0.008 (0)
Pedestrians	0.044 (2)	0.144 (7)	0.106 (5)	0.047 (2)
Public Transport	0.003 (0)	0.015 (1)	0.016 (1)	0.005 (0)

() Figure in brackets is number of trips

5.6 The table below summarises the trip rates and trips associated with the apartments:

Mode - Apartments	Weekday AM Peak Hour (08:00 to 09:00)		Weekday PM Peak Hour (17:00 to 18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicles	0.046 (1)	0.162 (4)	0.165 (4)	0.088 (2)
Cyclists	0.004 (0)	0.010 (0)	0.008 (0)	0.000 (0)
Pedestrians	0.020 (1)	0.133 (3)	0.160 (4)	0.077 (2)
Public Transport	0.004 (0)	0.065 (2)	0.072 (2)	0.005 (0)

() Figure in brackets is number of trips

5.7 The table below identifies the anticipated traffic generation associated with the residential element of the site:

Mode	Weekday AM Peak Hour (08:00 to 09:00)		Weekday PM Peak Hour (17:00 to 18:00)	
	Arrivals	Departures	Arrivals	Departures
Vehicles	8 vph	22 vph	20 vph	10 vph
Cyclists	0	1	1	0
Pedestrians	3	10	9	4
Public Transport	0	3	3	0

5.8 The proposed residential development on the application site would be anticipated to generate no more than 30 vph during the peak highway hours and this equates to 1 vehicle every 2 minutes on average during the highway peak hours.

5.9 The number of vehicles entering Middleton Road from the application site in the morning peak hour would be 22 vph or just over 1 vehicle every 3 minutes on average during the morning peak hour.

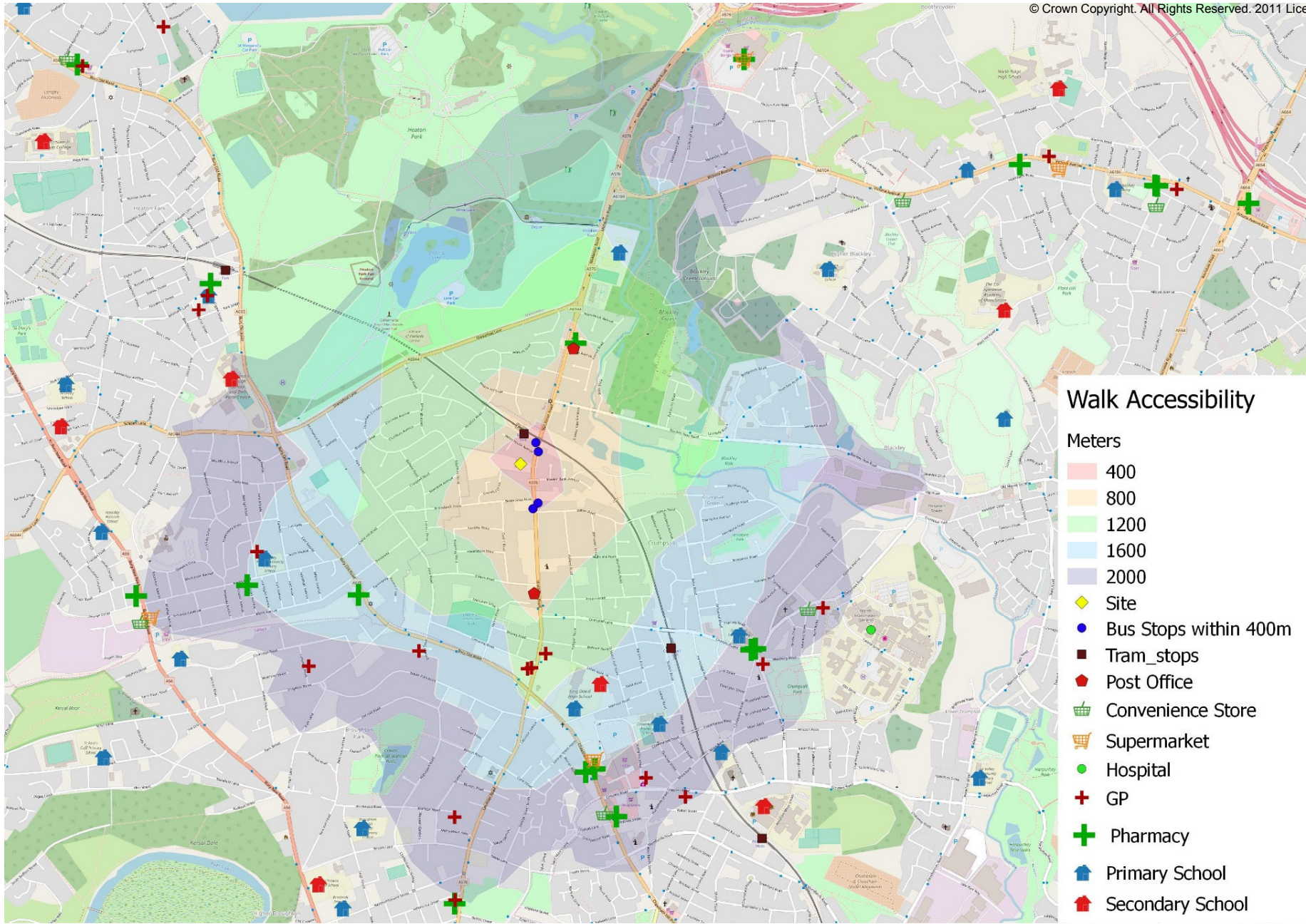
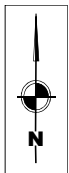
- 5.10 This level of movement is considered to be minimal and does not warrant any capacity test of the access.

6.0 SUMMARY AND CONCLUSIONS

- 6.1 The application proposals consist of the demolition and rebuilding of the Whitehouse Club together with improving the existing site access onto Middleton Road and accessing residential development on land to the west of the clubhouse .
- 6.2 Middleton Road in the vicinity of the application site operates in a reasonably safe manner.
- 6.3 The site is located in an accessible location where there is a realistic choice of mode of travel other than the private car. The site is within an easy walk distance of bus stops and Bowker Vale Metrostation.
- 6.4 The anticipated traffic generation at peak times has been assessed using the TRICS database and is associated with the residential element of the application proposals. The proposals would be anticipated to generate 30 vph (total two way) during the highway peak hours and this equates to 1 vehicle every 2 minutes. During the morning peak hour just over 1 vehicle per 3 minutes on average would leave the site and this level of movement does not warrant a capacity test of the junction.
- 6.5 The site access when improved to include a 5.5m wide carriageway with 2m wide footways and 6m corner radii is capable of safely serving all modes of travel.
- 6.6 It is therefore concluded that there can be no overriding highways objections to the proposals.

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APPENDIX 1



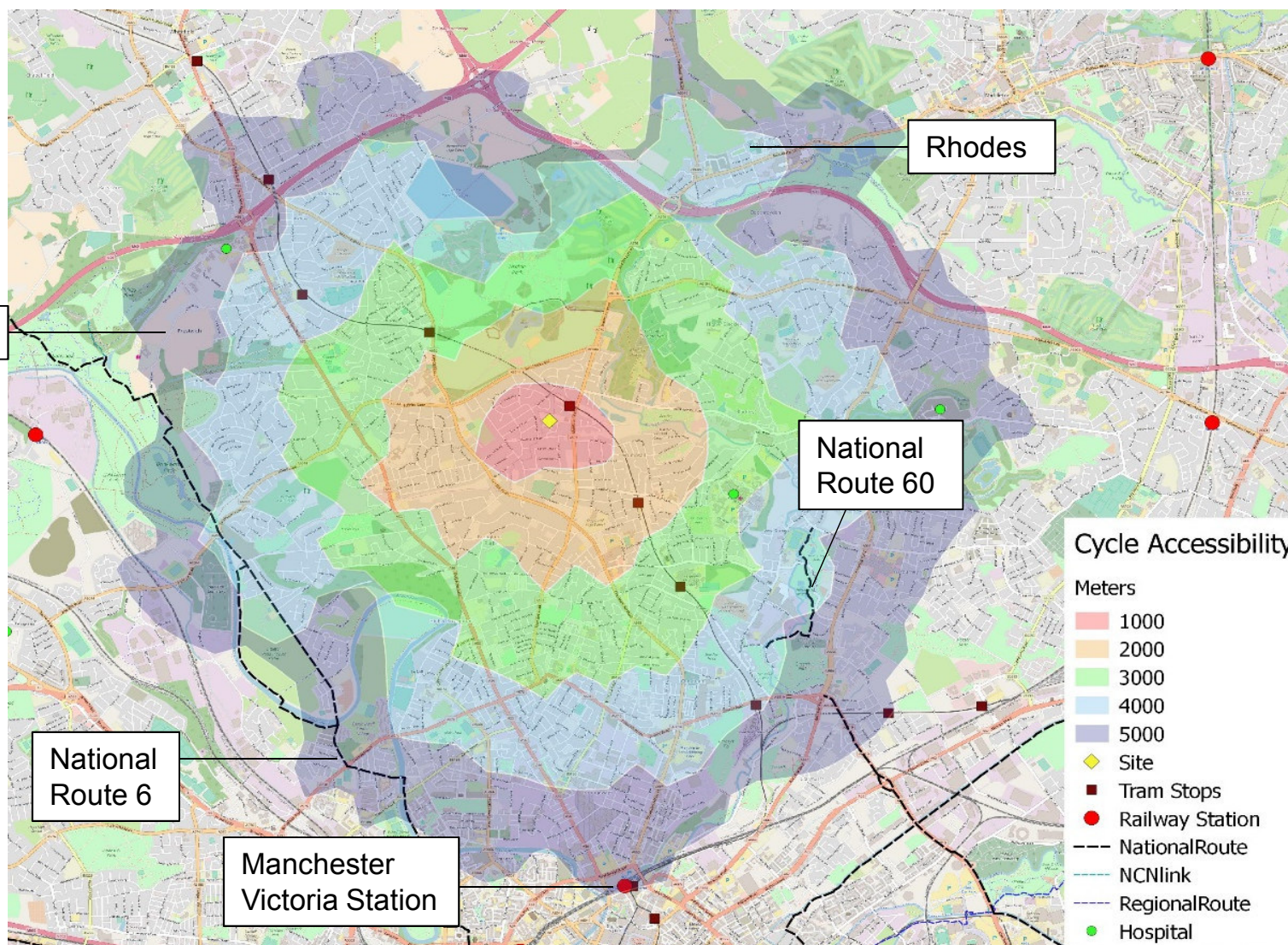
Walk Accessibility

Meters

- 400
- 800
- 1200
- 1600
- 2000
- Site
- Bus Stops within 400m
- Tram stops
- Post Office
- Convenience Store
- Supermarket
- Hospital
- GP
- Pharmacy
- Primary School
- Secondary School

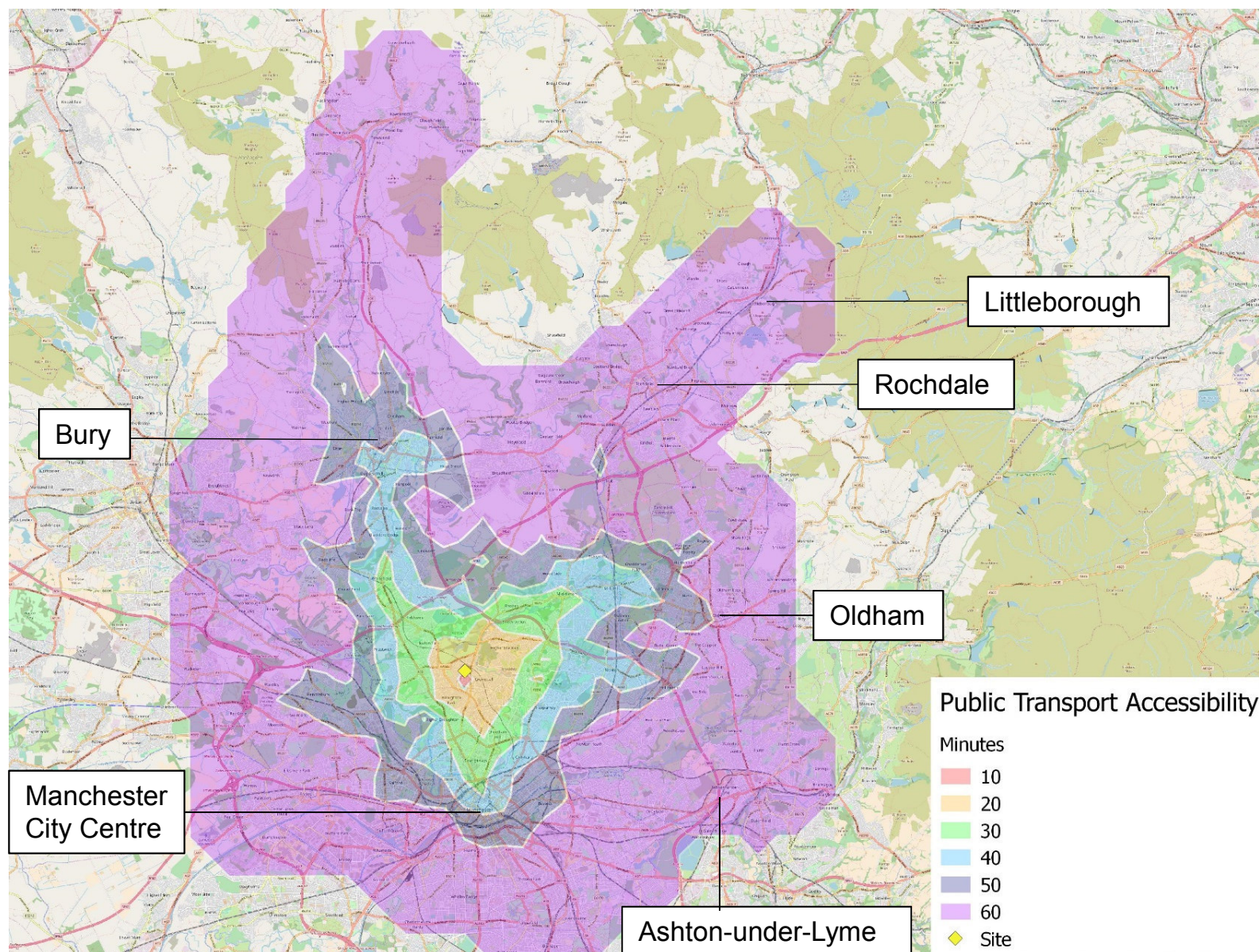
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APPENDIX 2



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APPENDIX 3



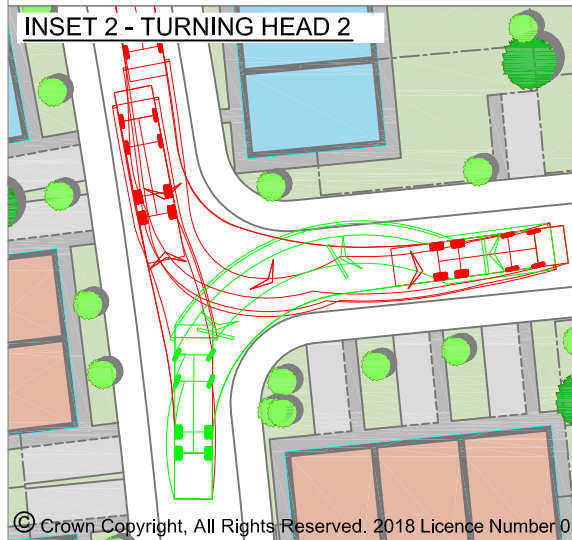
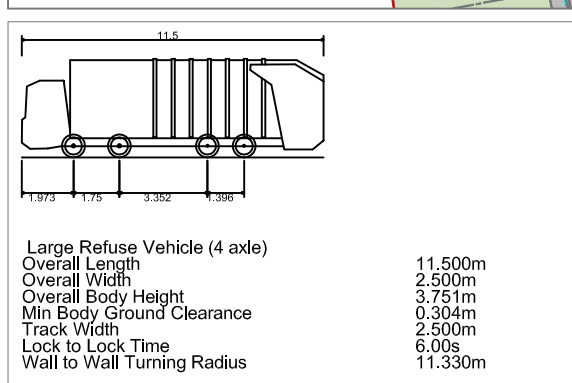
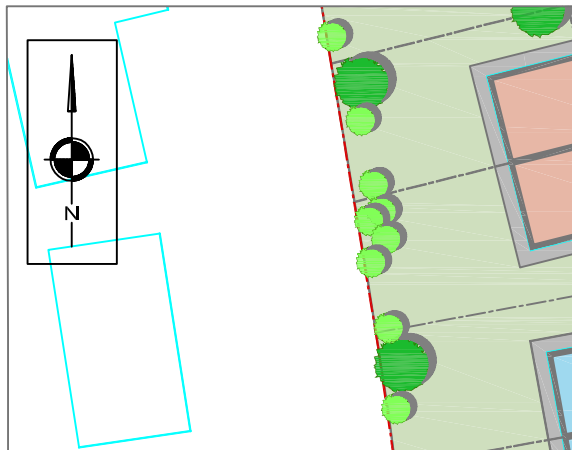
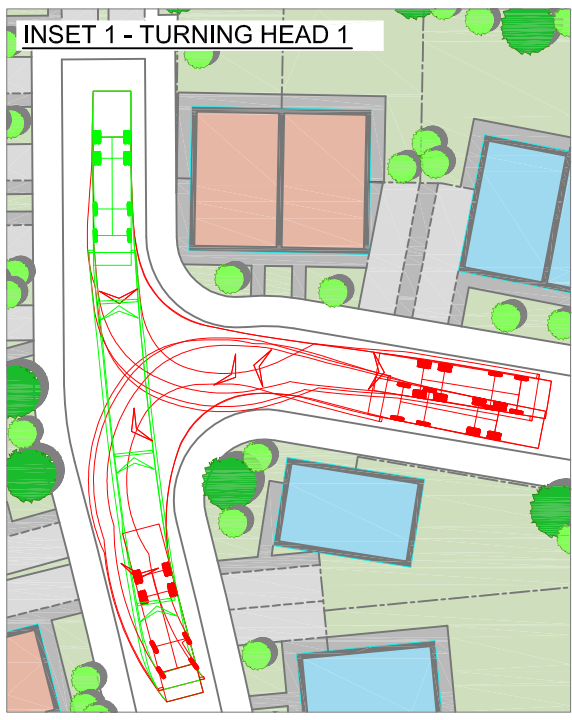
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APPENDIX 4



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APPENDIX 5



REVISIONS			
REV	DESCRIPTION	DATE	BY
-	-	-	-

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Transportation Planning : Infrastructure Design
Colwyn Chambers, 19 York Street, Manchester, M2 3BA, Tel 0161 832 4400,
www.scptransport.co.uk, Email info@scptransport.co.uk

Client Name:
DANIEL HAYES

Project Title:
MIDDLETON ROAD, CRUMPSALL

Drawing Title:
SWEPT PATH ANALYSIS - 11.5m x 2.5m LARGE REFUSE VEHICLE

Drawn By:	BA	Date:	19.02.2018
Checked:	WB	Scale:	1:500 @ A3
Status:	PLANNING	Approved/Unapproved:	-

Drawing No.	SCP/17158/ATR01	Rev.	-
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APPENDIX 6

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

MULTI-MODAL VEHICLESSelected regions and areas:

04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
	NF NORFOLK	3 days
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	2 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	4 days
	ST STAFFORDSHIRE	1 days
	WK WARWICKSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	7 days
	SY SOUTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	1 days
	MS MERSEYSIDE	1 days
09	NORTH	
	CB CUMBRIA	1 days
	DH DURHAM	2 days
	TW TYNE & WEAR	1 days

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

Secondary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Number of dwellings
 Actual Range: 6 to 125 (units:)
 Range Selected by User: 10 to 150 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/09 to 10/05/17

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	8 days
Tuesday	8 days
Wednesday	6 days
Thursday	4 days
Friday	7 days

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

Selected survey types:

Manual count	33 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	4
Suburban Area (PPS6 Out of Centre)	17
Edge of Town	11
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:

Residential Zone	28
No Sub Category	5

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

Secondary Filtering selection:

Use Class:

C3 32 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	5 days
5,001 to 10,000	9 days
10,001 to 15,000	8 days
15,001 to 20,000	4 days
20,001 to 25,000	3 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:

5,001 to 25,000	4 days
25,001 to 50,000	4 days
50,001 to 75,000	3 days
75,001 to 100,000	9 days
100,001 to 125,000	1 days
125,001 to 250,000	6 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:

0.5 or Less	1 days
0.6 to 1.0	16 days
1.1 to 1.5	16 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 33 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present 33 days

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

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	CA-03-A-05	DETACHED HOUSES		CAMBRIDGESHIRE
	EASTFIELD ROAD			
	PETERBOROUGH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	28		
	Survey date: MONDAY	17/10/16		Survey Type: MANUAL
3	CB-03-A-04	SEMI DETACHED		CUMBRIA
	MOORCLOSE ROAD			
	SALTERBACK			
	WORKINGTON			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	82		
	Survey date: FRIDAY	24/04/09		Survey Type: MANUAL
4	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
5	CH-03-A-09	TERRACED HOUSES		CHESHIRE
	GREYSTOKE ROAD			
	HURDSFIELD			
	MACCLESFIELD			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	24		
	Survey date: MONDAY	24/11/14		Survey Type: MANUAL
6	DH-03-A-01	SEMI DETACHED		DURHAM
	GREENFIELDS ROAD			
	BISHOP AUCKLAND			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	50		
	Survey date: TUESDAY	28/03/17		Survey Type: MANUAL
7	DH-03-A-02	MIXED HOUSES		DURHAM
	LEAZES LANE			
	ST HELEN AUCKLAND			
	BISHOP AUCKLAND			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Number of dwellings:	125		
	Survey date: MONDAY	27/03/17		Survey Type: MANUAL
8	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

LIST OF SITES relevant to selection parameters (Cont.)

9	LC-03-A-30 WATSON ROAD	SEMI -DETACHED	LANCASHIRE
	BLACKPOOL Edge of Town Centre Residential Zone Total Number of dwellings: 24 Survey date: FRIDAY 14/06/13		Survey Type: MANUAL
10	LN-03-A-03 ROOKERY LANE BOULTHAM LINCOLN Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 22 Survey date: TUESDAY 18/09/12	SEMI DETACHED	LINCOLNSHIRE Survey Type: MANUAL
11	LN-03-A-04 EGERTON ROAD	DETACHED & SEMI-DETACHED	LINCOLNSHIRE
	LINCOLN Edge of Town Centre Residential Zone Total Number of dwellings: 30 Survey date: MONDAY 29/06/15		Survey Type: MANUAL
12	MS-03-A-03 BEMPTON ROAD OTTERSPOOL LIVERPOOL Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 15 Survey date: FRIDAY 21/06/13	DETACHED	MERSEYSIDE Survey Type: MANUAL
13	NF-03-A-01 YARMOUTH ROAD	SEMI DET. & BUNGALOWS	NORFOLK
	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
14	NF-03-A-02 DEREHAM ROAD	HOUSES & FLATS	NORFOLK
	NORWICH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 98 Survey date: MONDAY 22/10/12		Survey Type: MANUAL
15	NF-03-A-03 HALING WAY	DETACHED HOUSES	NORFOLK
	THETFORD Edge of Town Residential Zone Total Number of dwellings: 10 Survey date: WEDNESDAY 16/09/15		Survey Type: MANUAL
16	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
17	NY-03-A-08 NICHOLAS STREET	TERRACED HOUSES	NORTH YORKSHIRE
	YORK Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 21 Survey date: MONDAY 16/09/13		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

18	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
19	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
20	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
21	NY-03-A-12	TOWN HOUSES		NORTH YORKSHIRE
	RACECOURSE LANE			
	NORTHALLERTON			
	Edge of Town Centre			
	Residential Zone			
	Total Number of dwellings:			47
	Survey date: TUESDAY			27/09/16
				Survey Type: MANUAL
22	NY-03-A-13	TERRACED HOUSES		NORTH YORKSHIRE
	CATTERICK ROAD			
	OLD HOSPITAL COMPOUND			
	CATTERICK GARRISON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:			10
	Survey date: WEDNESDAY			10/05/17
				Survey Type: MANUAL
23	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
24	SF-03-A-05	DETACHED HOUSES		SUFFOLK
	VALE LANE			
	BURY ST EDMUNDS			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:			18
	Survey date: WEDNESDAY			09/09/15
				Survey Type: MANUAL
25	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

LIST OF SITES relevant to selection parameters (Cont.)

26	SH-03-A-04	TERRACED	SHROPSHI RE
	ST MICHAEL'S STREET		
	SHREWSBURY		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	108	
	Survey date: THURSDAY	11/06/09	Survey Type: MANUAL
27	SH-03-A-05	SEMI-DETACHED/ TERRACED	SHROPSHI RE
	SANDCROFT		
	SUTTON HILL		
	TELFORD		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	54	
	Survey date: THURSDAY	24/10/13	Survey Type: MANUAL
28	SH-03-A-06	BUNGALOWS	SHROPSHI RE
	ELLESMERE ROAD		
	SHREWSBURY		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	16	
	Survey date: THURSDAY	22/05/14	Survey Type: MANUAL
29	ST-03-A-06	SEMI-DET. & TERRACED	STAFFORDSHI RE
	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
30	SY-03-A-01	SEMI DETACHED HOUSES	SOUTH YORKSHI RE
	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
31	TW-03-A-02	SEMI-DETACHED	TYNE & WEAR
	WEST PARK ROAD		
	GATESHEAD		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	16	
	Survey date: MONDAY	07/10/13	Survey Type: MANUAL
32	WK-03-A-01	TERRACED/ SEMI / DET.	WARWICKSHI RE
	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
33	WK-03-A-02	BUNGALOWS	WARWICKSHI RE
	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

MULTI-MODAL VEHICLES**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.071	3.571	33	38	0.239	11.958	33	38	0.310	15.529
08:00 - 09:00	33	38	0.143	7.143	33	38	0.354	17.697	33	38	0.497	24.840
09:00 - 10:00	33	38	0.132	6.581	33	38	0.162	8.106	33	38	0.294	14.687
10:00 - 11:00	33	38	0.136	6.782	33	38	0.150	7.504	33	38	0.286	14.286
11:00 - 12:00	33	38	0.135	6.742	33	38	0.150	7.504	33	38	0.285	14.246
12:00 - 13:00	33	38	0.149	7.464	33	38	0.148	7.424	33	38	0.297	14.888
13:00 - 14:00	33	38	0.155	7.745	33	38	0.146	7.303	33	38	0.301	15.048
14:00 - 15:00	33	38	0.144	7.183	33	38	0.170	8.507	33	38	0.314	15.690
15:00 - 16:00	33	38	0.222	11.075	33	38	0.160	7.986	33	38	0.382	19.061
16:00 - 17:00	33	38	0.242	12.119	33	38	0.153	7.665	33	38	0.395	19.784
17:00 - 18:00	33	38	0.314	15.690	33	38	0.152	7.584	33	38	0.466	23.274
18:00 - 19:00	33	38	0.193	9.671	33	38	0.134	6.701	33	38	0.327	16.372
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.036	101.766			2.118	105.939			4.154	207.705

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL CYCLISTS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.003	0.161	33	38	0.023	1.164	33	38	0.026	1.325
08:00 - 09:00	33	38	0.003	0.161	33	38	0.027	1.364	33	38	0.030	1.525
09:00 - 10:00	33	38	0.002	0.120	33	38	0.011	0.562	33	38	0.013	0.682
10:00 - 11:00	33	38	0.006	0.281	33	38	0.012	0.602	33	38	0.018	0.883
11:00 - 12:00	33	38	0.004	0.201	33	38	0.005	0.241	33	38	0.009	0.442
12:00 - 13:00	33	38	0.008	0.401	33	38	0.004	0.201	33	38	0.012	0.602
13:00 - 14:00	33	38	0.007	0.361	33	38	0.002	0.120	33	38	0.009	0.481
14:00 - 15:00	33	38	0.003	0.161	33	38	0.006	0.321	33	38	0.009	0.482
15:00 - 16:00	33	38	0.023	1.164	33	38	0.004	0.201	33	38	0.027	1.365
16:00 - 17:00	33	38	0.021	1.043	33	38	0.005	0.241	33	38	0.026	1.284
17:00 - 18:00	33	38	0.020	1.003	33	38	0.008	0.401	33	38	0.028	1.404
18:00 - 19:00	33	38	0.010	0.482	33	38	0.003	0.161	33	38	0.013	0.643
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.110	5.539			0.110	5.579			0.220	11.118

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL VEHICLE OCCUPANTS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.083	4.133	33	38	0.295	14.767	33	38	0.378	18.900
08:00 - 09:00	33	38	0.188	9.390	33	38	0.517	25.843	33	38	0.705	35.233
09:00 - 10:00	33	38	0.160	7.986	33	38	0.205	10.233	33	38	0.365	18.219
10:00 - 11:00	33	38	0.173	8.628	33	38	0.193	9.671	33	38	0.366	18.299
11:00 - 12:00	33	38	0.178	8.909	33	38	0.189	9.430	33	38	0.367	18.339
12:00 - 13:00	33	38	0.193	9.631	33	38	0.191	9.551	33	38	0.384	19.182
13:00 - 14:00	33	38	0.185	9.230	33	38	0.191	9.551	33	38	0.376	18.781
14:00 - 15:00	33	38	0.189	9.430	33	38	0.220	10.995	33	38	0.409	20.425
15:00 - 16:00	33	38	0.331	16.573	33	38	0.216	10.795	33	38	0.547	27.368
16:00 - 17:00	33	38	0.336	16.814	33	38	0.209	10.474	33	38	0.545	27.288
17:00 - 18:00	33	38	0.419	20.947	33	38	0.186	9.310	33	38	0.605	30.257
18:00 - 19:00	33	38	0.239	11.958	33	38	0.174	8.708	33	38	0.413	20.666
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.674	133.629			2.786	139.328			5.460	272.957

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL PEDESTRIANS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.021	1.043	33	38	0.087	4.374	33	38	0.108	5.417
08:00 - 09:00	33	38	0.044	2.207	33	38	0.144	7.183	33	38	0.188	9.390
09:00 - 10:00	33	38	0.039	1.966	33	38	0.069	3.451	33	38	0.108	5.417
10:00 - 11:00	33	38	0.054	2.689	33	38	0.065	3.250	33	38	0.119	5.939
11:00 - 12:00	33	38	0.048	2.408	33	38	0.047	2.368	33	38	0.095	4.776
12:00 - 13:00	33	38	0.064	3.210	33	38	0.058	2.889	33	38	0.122	6.099
13:00 - 14:00	33	38	0.056	2.809	33	38	0.068	3.411	33	38	0.124	6.220
14:00 - 15:00	33	38	0.065	3.250	33	38	0.053	2.648	33	38	0.118	5.898
15:00 - 16:00	33	38	0.128	6.380	33	38	0.090	4.494	33	38	0.218	10.874
16:00 - 17:00	33	38	0.110	5.498	33	38	0.055	2.769	33	38	0.165	8.267
17:00 - 18:00	33	38	0.106	5.297	33	38	0.047	2.368	33	38	0.153	7.665
18:00 - 19:00	33	38	0.067	3.331	33	38	0.040	2.006	33	38	0.107	5.337
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:				0.802	40.088		0.823	41.211		1.625		81.299

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL BUS/ TRAM PASSENGERS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.003	0.161	33	38	0.009	0.441	33	38	0.012	0.602
08:00 - 09:00	33	38	0.003	0.161	33	38	0.014	0.682	33	38	0.017	0.843
09:00 - 10:00	33	38	0.000	0.000	33	38	0.006	0.321	33	38	0.006	0.321
10:00 - 11:00	33	38	0.004	0.201	33	38	0.006	0.321	33	38	0.010	0.522
11:00 - 12:00	33	38	0.003	0.161	33	38	0.004	0.201	33	38	0.007	0.362
12:00 - 13:00	33	38	0.011	0.562	33	38	0.008	0.401	33	38	0.019	0.963
13:00 - 14:00	33	38	0.005	0.241	33	38	0.002	0.080	33	38	0.007	0.321
14:00 - 15:00	33	38	0.006	0.281	33	38	0.002	0.120	33	38	0.008	0.401
15:00 - 16:00	33	38	0.005	0.241	33	38	0.004	0.201	33	38	0.009	0.442
16:00 - 17:00	33	38	0.005	0.241	33	38	0.002	0.120	33	38	0.007	0.361
17:00 - 18:00	33	38	0.012	0.602	33	38	0.004	0.201	33	38	0.016	0.803
18:00 - 19:00	33	38	0.010	0.522	33	38	0.002	0.120	33	38	0.012	0.642
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.067	3.374			0.063	3.209			0.130	6.583

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL PUBLIC TRANSPORT USERS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.003	0.161	33	38	0.011	0.562	33	38	0.014	0.723
08:00 - 09:00	33	38	0.003	0.161	33	38	0.015	0.762	33	38	0.018	0.923
09:00 - 10:00	33	38	0.000	0.000	33	38	0.007	0.361	33	38	0.007	0.361
10:00 - 11:00	33	38	0.004	0.201	33	38	0.007	0.361	33	38	0.011	0.562
11:00 - 12:00	33	38	0.003	0.161	33	38	0.004	0.201	33	38	0.007	0.362
12:00 - 13:00	33	38	0.011	0.562	33	38	0.008	0.401	33	38	0.019	0.963
13:00 - 14:00	33	38	0.005	0.241	33	38	0.002	0.080	33	38	0.007	0.321
14:00 - 15:00	33	38	0.006	0.281	33	38	0.002	0.120	33	38	0.008	0.401
15:00 - 16:00	33	38	0.005	0.241	33	38	0.006	0.321	33	38	0.011	0.562
16:00 - 17:00	33	38	0.005	0.241	33	38	0.002	0.120	33	38	0.007	0.361
17:00 - 18:00	33	38	0.016	0.803	33	38	0.005	0.241	33	38	0.021	1.044
18:00 - 19:00	33	38	0.015	0.762	33	38	0.002	0.120	33	38	0.017	0.882
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.076	3.815			0.071	3.650			0.147	7.465

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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

MULTI-MODAL TOTAL PEOPLE**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 50 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	33	38	0.110	5.498	33	38	0.417	20.867	33	38	0.527	26.365
08:00 - 09:00	33	38	0.238	11.918	33	38	0.703	35.152	33	38	0.941	47.070
09:00 - 10:00	33	38	0.201	10.072	33	38	0.292	14.607	33	38	0.493	24.679
10:00 - 11:00	33	38	0.236	11.798	33	38	0.278	13.884	33	38	0.514	25.682
11:00 - 12:00	33	38	0.234	11.677	33	38	0.245	12.239	33	38	0.479	23.916
12:00 - 13:00	33	38	0.276	13.804	33	38	0.261	13.042	33	38	0.537	26.846
13:00 - 14:00	33	38	0.253	12.640	33	38	0.263	13.162	33	38	0.516	25.802
14:00 - 15:00	33	38	0.262	13.122	33	38	0.282	14.085	33	38	0.544	27.207
15:00 - 16:00	33	38	0.487	24.358	33	38	0.316	15.811	33	38	0.803	40.169
16:00 - 17:00	33	38	0.472	23.596	33	38	0.272	13.604	33	38	0.744	37.200
17:00 - 18:00	33	38	0.561	28.050	33	38	0.246	12.319	33	38	0.807	40.369
18:00 - 19:00	33	38	0.331	16.533	33	38	0.220	10.995	33	38	0.551	27.528
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			3.661	183.066			3.795	189.767			7.456	372.833

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

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

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Parameter summary

Trip rate parameter range selected:	6 - 125 (units:)
Survey date range:	01/01/09 - 10/05/17
Number of weekdays (Monday-Friday):	33
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

S|C|P

APPENDIX 7

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

MULTI-MODAL VEHICLESSelected regions and areas:

04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	1 days
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	NT NOTTINGHAMSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	RI EAST RIDING OF YORKSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	2 days
09	NORTH	
	CB CUMBRIA	3 days
	TV TEES VALLEY	1 days

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

Secondary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Number of dwellings
 Actual Range: 8 to 154 (units:)
 Range Selected by User: 8 to 154 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/09 to 09/11/16

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	3 days
Wednesday	4 days
Thursday	5 days
Friday	1 days

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

Selected survey types:

Manual count	14 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	3
Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	7
Edge of Town	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	4
Built-Up Zone	5
No Sub Category	5

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

Secondary Filtering selection:

Use Class:

C3 14 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	4 days
15,001 to 20,000	2 days
20,001 to 25,000	2 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:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
50,001 to 75,000	4 days
75,001 to 100,000	1 days
125,001 to 250,000	2 days
250,001 to 500,000	3 days
500,001 or More	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	3 days
1.1 to 1.5	11 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 14 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present 14 days

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

LIST OF SITES relevant to selection parameters

1	CA-03-C-02	BLOCK OF FLATS		CAMBRIDGESHIRE
	WESTFIELD ROAD			
	NETHERTON			
	PETERBOROUGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	44		
	Survey date: TUESDAY	18/10/11		Survey Type: MANUAL
2	CB-03-C-01	BLOCK OF FLATS		CUMBRIA
	KING STREET			
	CARLISLE			
	Town Centre			
	Built-Up Zone			
	Total Number of dwellings:	40		
	Survey date: THURSDAY	12/06/14		Survey Type: MANUAL
3	CB-03-C-02	BLOCK OF FLATS		CUMBRIA
	BRIDGE LANE			
	PENRITH			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	35		
	Survey date: WEDNESDAY	11/06/14		Survey Type: MANUAL
4	CB-03-C-03	FLATS & BUNGALOWS		CUMBRIA
	LOUND STREET			
	KENDAL			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	33		
	Survey date: MONDAY	09/06/14		Survey Type: MANUAL
5	DS-03-C-01	BLOCK OF FLATS		DERBYSHIRE
	DRAKE STREET			
	LITTLE CHESTER			
	DERBY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	8		
	Survey date: THURSDAY	25/06/09		Survey Type: MANUAL
6	GM-03-C-02	BLOCK OF FLATS		GREATER MANCHESTER
	WHITWORTH STREET W.			
	MANCHESTER			
	Town Centre			
	Built-Up Zone			
	Total Number of dwellings:	154		
	Survey date: THURSDAY	13/10/11		Survey Type: MANUAL
7	GM-03-C-03	BLOCK OF FLATS		GREATER MANCHESTER
	FAIRFIELD STREET			
	MANCHESTER			
	Town Centre			
	Built-Up Zone			
	Total Number of dwellings:	20		
	Survey date: FRIDAY	14/10/11		Survey Type: MANUAL
8	NF-03-C-01	BLOCKS OF FLATS		NORFOLK
	PAGE STAIR LANE			
	KING'S LYNN			
	Edge of Town Centre			
	Built-Up Zone			
	Total Number of dwellings:	51		
	Survey date: THURSDAY	11/12/14		Survey Type: MANUAL
9	NT-03-C-01	HOUSES (SPLIT INTO FLATS)		NOTTINGHAMSHIRE
	LAWRENCE WAY			
	NOTTINGHAM			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	56		
	Survey date: TUESDAY	08/11/16		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

10	NT-03-C-02	HOUSES (SPLIT INTO FLATS)	NOTTINGHAMSHIRE
	CASTLE MARINA ROAD		
	NOTTINGHAM		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:		135
	Survey date: WEDNESDAY		09/11/16
11	RI-03-C-01	FLATS	EAST RIDING OF YORKSHIRE
	465 PRIORY ROAD		
	HULL		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:		20
	Survey date: TUESDAY		13/05/14
12	SF-03-C-01	BLOCKS OF FLATS	SUFFOLK
	STATION HILL		
	BURY ST EDMUNDS		
	Edge of Town Centre		
	Built-Up Zone		
	Total Number of dwellings:		85
	Survey date: THURSDAY		18/12/14
13	SF-03-C-03	BLOCKS OF FLATS	SUFFOLK
	TOLLGATE LANE		
	BURY ST EDMUNDS		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:		30
	Survey date: WEDNESDAY		03/12/14
14	TV-03-C-02	FLATS	TEES VALLEY
	ACKLAM ROAD		
	LINTHORPE		
	MIDDLESBROUGH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:		85
	Survey date: WEDNESDAY		29/06/11
			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

MULTI-MODAL VEHICLES**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.058	1.387	14	57	0.117	2.804	14	57	0.175	4.191
08:00 - 09:00	14	57	0.046	1.116	14	57	0.162	3.889	14	57	0.208	5.005
09:00 - 10:00	14	57	0.072	1.719	14	57	0.085	2.050	14	57	0.157	3.769
10:00 - 11:00	14	57	0.064	1.538	14	57	0.075	1.809	14	57	0.139	3.347
11:00 - 12:00	14	57	0.075	1.809	14	57	0.068	1.628	14	57	0.143	3.437
12:00 - 13:00	14	57	0.070	1.688	14	57	0.057	1.357	14	57	0.127	3.045
13:00 - 14:00	14	57	0.068	1.628	14	57	0.082	1.960	14	57	0.150	3.588
14:00 - 15:00	14	57	0.072	1.719	14	57	0.084	2.020	14	57	0.156	3.739
15:00 - 16:00	14	57	0.070	1.688	14	57	0.053	1.266	14	57	0.123	2.954
16:00 - 17:00	14	57	0.094	2.261	14	57	0.058	1.387	14	57	0.152	3.648
17:00 - 18:00	14	57	0.165	3.950	14	57	0.088	2.111	14	57	0.253	6.061
18:00 - 19:00	14	57	0.113	2.714	14	57	0.082	1.960	14	57	0.195	4.674
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.967	23.217			1.011	24.241			1.978	47.458

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL CYCLISTS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.005	0.121	14	57	0.009	0.211	14	57	0.014	0.332
08:00 - 09:00	14	57	0.004	0.090	14	57	0.010	0.241	14	57	0.014	0.331
09:00 - 10:00	14	57	0.006	0.151	14	57	0.008	0.181	14	57	0.014	0.332
10:00 - 11:00	14	57	0.001	0.030	14	57	0.004	0.090	14	57	0.005	0.120
11:00 - 12:00	14	57	0.003	0.060	14	57	0.005	0.121	14	57	0.008	0.181
12:00 - 13:00	14	57	0.003	0.060	14	57	0.005	0.121	14	57	0.008	0.181
13:00 - 14:00	14	57	0.000	0.000	14	57	0.003	0.060	14	57	0.003	0.060
14:00 - 15:00	14	57	0.003	0.060	14	57	0.003	0.060	14	57	0.006	0.120
15:00 - 16:00	14	57	0.006	0.151	14	57	0.005	0.121	14	57	0.011	0.272
16:00 - 17:00	14	57	0.006	0.151	14	57	0.001	0.030	14	57	0.007	0.181
17:00 - 18:00	14	57	0.008	0.181	14	57	0.000	0.000	14	57	0.008	0.181
18:00 - 19:00	14	57	0.006	0.151	14	57	0.001	0.030	14	57	0.007	0.181
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.051	1.206			0.054	1.266			0.105	2.472

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL VEHICLE OCCUPANTS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.065	1.568	14	57	0.136	3.256	14	57	0.201	4.824
08:00 - 09:00	14	57	0.055	1.327	14	57	0.207	4.975	14	57	0.262	6.302
09:00 - 10:00	14	57	0.107	2.563	14	57	0.108	2.593	14	57	0.215	5.156
10:00 - 11:00	14	57	0.078	1.869	14	57	0.099	2.382	14	57	0.177	4.251
11:00 - 12:00	14	57	0.102	2.442	14	57	0.099	2.382	14	57	0.201	4.824
12:00 - 13:00	14	57	0.083	1.990	14	57	0.074	1.779	14	57	0.157	3.769
13:00 - 14:00	14	57	0.084	2.020	14	57	0.097	2.322	14	57	0.181	4.342
14:00 - 15:00	14	57	0.083	1.990	14	57	0.119	2.864	14	57	0.202	4.854
15:00 - 16:00	14	57	0.103	2.472	14	57	0.075	1.809	14	57	0.178	4.281
16:00 - 17:00	14	57	0.122	2.925	14	57	0.069	1.658	14	57	0.191	4.583
17:00 - 18:00	14	57	0.200	4.794	14	57	0.122	2.925	14	57	0.322	7.719
18:00 - 19:00	14	57	0.146	3.497	14	57	0.114	2.744	14	57	0.260	6.241
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			1.228	29.457			1.319	31.689			2.547	61.146

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PEDESTRIANS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.011	0.271	14	57	0.060	1.447	14	57	0.071	1.718
08:00 - 09:00	14	57	0.020	0.482	14	57	0.133	3.196	14	57	0.153	3.678
09:00 - 10:00	14	57	0.026	0.633	14	57	0.111	2.653	14	57	0.137	3.286
10:00 - 11:00	14	57	0.052	1.236	14	57	0.054	1.296	14	57	0.106	2.532
11:00 - 12:00	14	57	0.055	1.327	14	57	0.059	1.417	14	57	0.114	2.744
12:00 - 13:00	14	57	0.073	1.749	14	57	0.070	1.688	14	57	0.143	3.437
13:00 - 14:00	14	57	0.067	1.598	14	57	0.059	1.417	14	57	0.126	3.015
14:00 - 15:00	14	57	0.074	1.779	14	57	0.057	1.357	14	57	0.131	3.136
15:00 - 16:00	14	57	0.075	1.809	14	57	0.068	1.628	14	57	0.143	3.437
16:00 - 17:00	14	57	0.133	3.196	14	57	0.099	2.382	14	57	0.232	5.578
17:00 - 18:00	14	57	0.160	3.829	14	57	0.077	1.839	14	57	0.237	5.668
18:00 - 19:00	14	57	0.108	2.593	14	57	0.018	0.422	14	57	0.126	3.015
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.854	20.502			0.865	20.742			1.719	41.244

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL BUS/ TRAM PASSENGERS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.001	0.030	14	57	0.020	0.482	14	57	0.021	0.512
08:00 - 09:00	14	57	0.001	0.030	14	57	0.035	0.844	14	57	0.036	0.874
09:00 - 10:00	14	57	0.003	0.060	14	57	0.013	0.302	14	57	0.016	0.362
10:00 - 11:00	14	57	0.003	0.060	14	57	0.006	0.151	14	57	0.009	0.211
11:00 - 12:00	14	57	0.004	0.090	14	57	0.004	0.090	14	57	0.008	0.180
12:00 - 13:00	14	57	0.005	0.121	14	57	0.009	0.211	14	57	0.014	0.332
13:00 - 14:00	14	57	0.005	0.121	14	57	0.003	0.060	14	57	0.008	0.181
14:00 - 15:00	14	57	0.010	0.241	14	57	0.004	0.090	14	57	0.014	0.331
15:00 - 16:00	14	57	0.024	0.573	14	57	0.006	0.151	14	57	0.030	0.724
16:00 - 17:00	14	57	0.028	0.663	14	57	0.005	0.121	14	57	0.033	0.784
17:00 - 18:00	14	57	0.021	0.513	14	57	0.001	0.030	14	57	0.022	0.543
18:00 - 19:00	14	57	0.006	0.151	14	57	0.001	0.030	14	57	0.007	0.181
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.111	2.653			0.107	2.562			0.218	5.215

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL PUBLIC TRANSPORT USERS**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.001	0.030	14	57	0.034	0.814	14	57	0.035	0.844
08:00 - 09:00	14	57	0.004	0.090	14	57	0.065	1.568	14	57	0.069	1.658
09:00 - 10:00	14	57	0.003	0.060	14	57	0.021	0.513	14	57	0.024	0.573
10:00 - 11:00	14	57	0.004	0.090	14	57	0.010	0.241	14	57	0.014	0.331
11:00 - 12:00	14	57	0.005	0.121	14	57	0.009	0.211	14	57	0.014	0.332
12:00 - 13:00	14	57	0.008	0.181	14	57	0.018	0.422	14	57	0.026	0.603
13:00 - 14:00	14	57	0.006	0.151	14	57	0.009	0.211	14	57	0.015	0.362
14:00 - 15:00	14	57	0.013	0.302	14	57	0.005	0.121	14	57	0.018	0.423
15:00 - 16:00	14	57	0.029	0.693	14	57	0.006	0.151	14	57	0.035	0.844
16:00 - 17:00	14	57	0.039	0.935	14	57	0.011	0.271	14	57	0.050	1.206
17:00 - 18:00	14	57	0.072	1.719	14	57	0.005	0.121	14	57	0.077	1.840
18:00 - 19:00	14	57	0.018	0.422	14	57	0.001	0.030	14	57	0.019	0.452
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.202	4.794			0.194	4.674			0.396	9.468

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

MULTI-MODAL TOTAL PEOPLE**Calculation factor: 1 DWELLS****Estimated TRIP rate value per 24 DWELLS shown in shaded columns****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	14	57	0.083	1.990	14	57	0.239	5.729	14	57	0.322	7.719
08:00 - 09:00	14	57	0.083	1.990	14	57	0.416	9.980	14	57	0.499	11.970
09:00 - 10:00	14	57	0.142	3.407	14	57	0.247	5.940	14	57	0.389	9.347
10:00 - 11:00	14	57	0.134	3.226	14	57	0.167	4.010	14	57	0.301	7.236
11:00 - 12:00	14	57	0.165	3.950	14	57	0.172	4.131	14	57	0.337	8.081
12:00 - 13:00	14	57	0.166	3.980	14	57	0.167	4.010	14	57	0.333	7.990
13:00 - 14:00	14	57	0.157	3.769	14	57	0.167	4.010	14	57	0.324	7.779
14:00 - 15:00	14	57	0.172	4.131	14	57	0.183	4.402	14	57	0.355	8.533
15:00 - 16:00	14	57	0.214	5.126	14	57	0.155	3.709	14	57	0.369	8.835
16:00 - 17:00	14	57	0.300	7.206	14	57	0.181	4.342	14	57	0.481	11.548
17:00 - 18:00	14	57	0.438	10.523	14	57	0.204	4.884	14	57	0.642	15.407
18:00 - 19:00	14	57	0.278	6.663	14	57	0.134	3.226	14	57	0.412	9.889
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.332	55.961			2.432	58.373			4.764	114.334

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

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

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Parameter summary

Trip rate parameter range selected:	8 - 154 (units:)
Survey date range:	01/01/09 - 09/11/16
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.