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TRANSPORT STATEMENT

(V1 08.07.21)

PROPOSED RESIDENTIAL DEVELOPMENT

14 RESIDENTIAL UNITS

JEFFERSON PARK, WHITEHAVEN, CA28 9HE

HOME GROUP

Document Control Page

Report Type:	Transport Statement
Report Title:	Proposed Residential Development Jefferson Park, Whitehaven, Cumbria, CA28 9HE
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1.0 Introduction

1.1 Development Background

1.1.1 Modal Highway Consultants Ltd ("Modal") was appointed by Home Group to prepare a Transport Statement for a proposed residential development of 14 units at Jefferson Park, Whitehaven, Cumbria, CA28 9HE.

1.1.2 Lying on the west coast of Cumbria, Whitehaven is both the main town in Copeland Borough and a port. Whitehaven is situated approximately 40 miles southwest of Carlisle.

1.1.3 This Transport Statement considers the transport characteristics and impact of the proposed development. It has been prepared following guidance set out in the Department for Transport's 'Guidance on Transport Assessments' document, dated March 2007.

1.2 National Planning Policy Framework (NPPF), March 2012 (Updated June 2019)

1.2.1 The NPPF sets out the Government's Planning Policies for England and how these are expected to be applied. One of the core objectives is to encourage sustainable growth alongside economic growth through the Planning System.

1.2.2 The NPPF aims to promote sustainable growth through a pattern of development that facilitates either the use of sustainable modes of transport, or transport behaviour in a sustainable manner. To that end, the NPPF advocates that developments should be located and designed to allow:

- The efficient delivery of goods and supplies;
- Give priority to pedestrian and cyclist movements and access to high quality public transport facilities;
- Create safe and secure layouts that minimise conflicts between traffic and pedestrians or cyclists.

1.3 Local Planning Policy

1.3.1 The relevant Local Planning Policies include:

- Cumbria Transport Plan 2011-2026;
- Copeland Local Plan 2013-2028.

1.3.2 Relevant policies and excerpts are cited below.

Cumbria Transport Plan

1.3.3 This sets out Cumbria's 15-year strategy. The key objectives of the plan are:

- Safe and healthy communities with a sustainable economy;
- Effective transport connections between people and places;
- Lower carbon emissions and reducing the need to travel.

Copeland Local Plan

1.3.4 The Local Plan is the strategic plan for development of the borough up to 2028. The council states its vision as *"working to improve lives, communities and the prosperity of Copeland"*.

1.3.5 Copeland is a predominantly rural Borough and has three main settlements, with the principal town being Whitehaven. The others are Egremont and Cleator Moor. Around 40% of the working population in Copeland is employed at the Sellafield nuclear plant, situated around 12 miles south of the site.

1.3.6 The Plan acknowledges the "*...need to target new development to existing centres as the most sustainable locations and to support population and economic growth*". Further, the Plan sees housing provision as key to supporting growth and sustainability. That aligns with Copeland's housing delivery target of 230 units per year and up to around 300 units per year (Policy SS2 Sustainable Housing Growth).

1.3.7 Indeed, the *"Vision for Copeland"* includes the availability of housing and well-connected neighbourhoods with improved access to sustainable modes of transport.

1.3.8 Alongside Policy SS2 mentioned above, below are extracts from Policy ST1 'Strategic Development' which prioritise housing and sustainable growth, as follows:

- Reuse existing buildings and previously developed land;
- Minimise the need to travel, support the provision of sustainable transport infrastructure and measures that encourage use of sustainable transport;
- Prioritise development in previously developed land;
- Support traffic and access arrangements that uphold safety for pedestrians and cyclists.

2.0 Site and Surrounding Highway Network

2.1 Site Location

2.1.1 The site is on previously developed land situated at Jefferson Park, which lies off the B5345 Low Rd. It is situated approximately 1km south from the edge of the centre of Whitehaven. Figure 1 below shows the location.

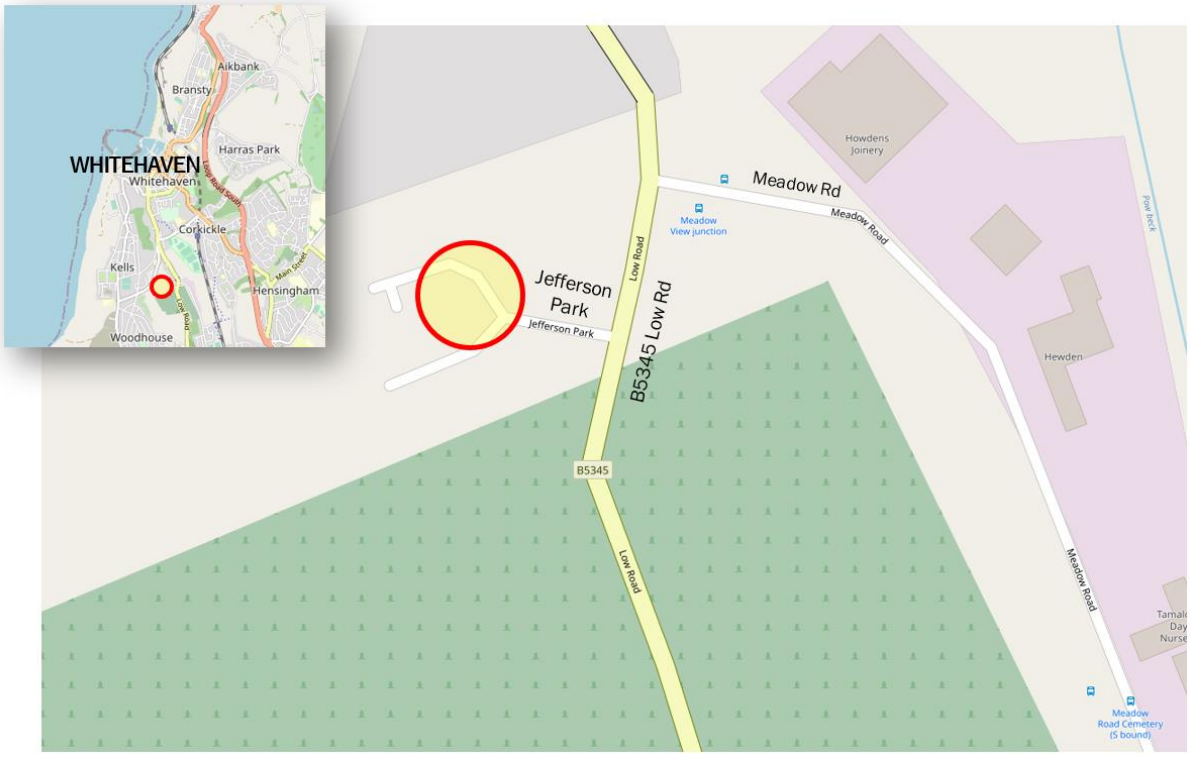


Figure 1 – Location Plan
(Based on and adapted from opensreetmap.org)

2.1.2 The B5345 Low Rd past the site is a single carriageway with one lane in each direction; subject to a speed limit of 30 mph; has street lighting present. Low Rd in the vicinity of Jefferson Park is not subject to any waiting or loading restrictions.

2.1.3 As per Cumbria County Council's list of adopted roads, Jefferson Park is not an adopted road. Therefore, it is assumed that Jefferson Park is a private road.

2.2 Existing Use & Access

2.2.1 The existing site already has 24 housing units built in the recent past as part of an overall quota of a lapsed permission for 48 units. The proposed development – which is unrelated to the previous development - is for 14 units.

2.2.2 The existing access point is Jefferson Park, which forms a junction with Low Rd. Since Jefferson Park was constructed as part of the previous planning application, it is assumed to be to the standards set out in the Cumbria Design Guide. At the time of writing this Transport Statement, no information on the lapsed permission was readily available to verify this.

2.3 Local Facilities

Whitehaven Town Centre

2.3.1 The edge of the centre of Whitehaven is situated approximately 1km north from the site. Between the site and the town centre at a distance of approximately 600-800 metres, there are a number of supermarket branches of popular national chain brands.

Hospital

2.3.2 West Cumberland Hospital is situated approximately 2 miles southeast of the site. It includes an A+E department.

Public transport - Buses

2.3.3 There are bus stops on Low Rd and Meadow Rd, both being within around 50-75 metres from the site. The following routes serve those stops:

- Route 2/2A provides a half-hourly service (Mon-Sat) operating a circuitous Whitehaven-Whitehaven route. Services run from early morning to evening. Sunday services are limited to a 2-hourly daytime service.
- Route 3/3A provides a half-hourly service (Mon-Sat) operating a circuitous Whitehaven-Whitehaven route. On Sunday, 2 buses operate off-peak in the mid-morning and afternoon periods.

2.3.4 Combining Bus Routes 2 and 3, the site is served by 4 buses each hour to and from Whitehaven town centre. Appendix 1 contains the bus timetables and route plans.

Public Transport - Trains

2.3.5 Corkickle train station is approximately 15-20 minutes' walk from the site (just over 1 km). Whilst Bus Route 3 passes within less than 200 metres from the train station, the bus journey from the site would be an indirect route owing to the "loop/circuitous" nature of Route 3.

2.3.6 Around 3 trains per hour serve Corkickle, with destinations including Carlisle, Barrow-in-Furness and Lancaster.

Key Plan of Local Facilities

2.3.7 Figure 2 overleaf shows all of the above local facilities in relation to the site. The 1 km radius circle indicates relative scale and not travel distance.

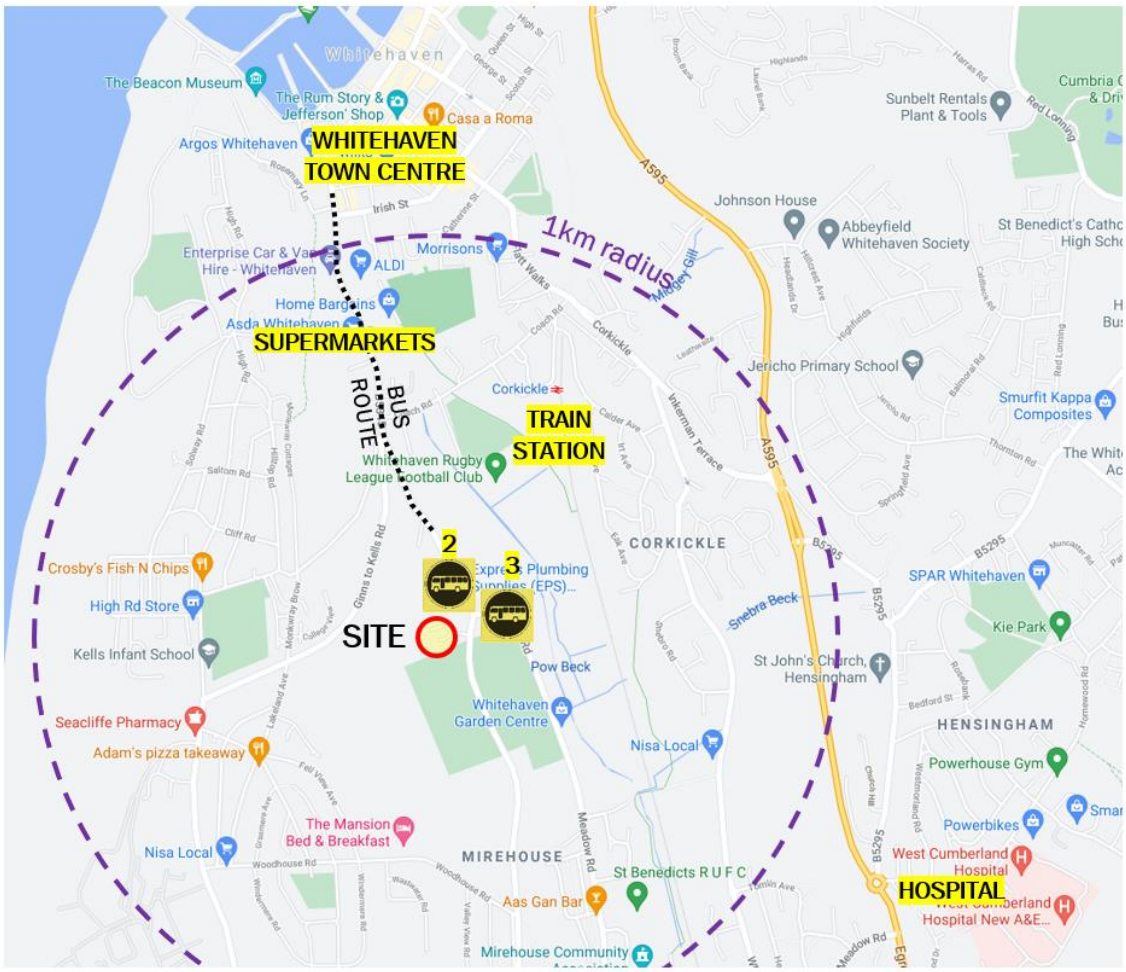


Figure 2 – Key Plan of Local Facilities
(Based on and adapted from Google Maps – 1 km radius indicates relative scale and not travel distance)

2.4 Accident History

2.4.1 Crashmap was interrogated for accident data. The 5 years to and including 2020 were included in the search. One accident was found to have occurred at the junction of Low Rd and Meadow Rd. The details indicate error on the part of the vehicle turning right out from Meadow Rd.

2.4.2 The single accident record is unrelated to the site or the access and hence there would appear to be no highway safety concerns associated with the site access.

2.4.3 Appendix 2 contains the accident data.

2.5 Public Right of Way (PROW)

2.5.1 A check on the Cumbria PROW map shows that there is no PROW passing through the site. The figure below shows a modified extract of the PROW map in the vicinity of the site. The footpath passing to the north is outside the site boundary.

Figure 3 – Modified extract of the Cumbria PROW map for local area

2.5.2 It is noteworthy that whilst Low Rd and Meadow Rd have the status of "B" class (orange line) and "unclassified" (grey line), respectively, Jefferson Park does not have any status on the PROW map. Hence, there is agreement with the information in section 2.1.3, that Jefferson Park is a private access road.

3.0 Proposed Development

3.1 Residential Dwellings

3.1.1 The proposed development is for 14 residential dwellings, all of which are 2-bed/3-person units.

3.1.2 Appendix 3 shows the proposed site layout.

3.2 Parking

3.2.1 There will be:

- 21 Resident spaces
- 3 Visitor spaces

3.2.2 Hence, the "Resident" parking ratio is 1.5 spaces per dwelling unit.

3.2.3 The Cumbria Design Guide suggests 2 spaces per unit but stipulates that actual parking levels should be determined based on material considerations where relevant, including NPPF. In this case, the site has good accessibility merits:

- Whitehaven town centre is around 20-30 minutes' walk or less than 10-minutes' bus ride.
- Supermarkets are available locally within around 10-minutes' walk or 2-3 minutes' bus ride.
- Corkickle train station is around 15 minutes' walk for access by train to major centres such as Barrow, Carlisle and Lancaster.

3.3 Access and Visibility

3.3.1 Since the site is situated on Jefferson Park, issues relating to visibility splays on B5345 have been deemed to be acceptable based on the lapsed permission and will not, therefore, be addressed in this Transport Statement.

3.3.2 Likewise, the issues associated with access for vehicles, pedestrians and cyclists are deemed to have been accepted consequent on the previous permission. In passing for the record, Jefferson Park appears to have footpaths with a minimum width of 1.2 metres throughout the development, including at its junction with Low Rd, where dropped kerbs are also incorporated.

3.4 Traffic Generation

3.4.1 TRICS is the national database containing arrival and departure traffic survey data for a range of developments throughout the country. TRICS was interrogated for like-developments in order to estimate the potential traffic generation of the site. The table below shows a summary of the predicted trips for three scenarios:

- Existing units ("E"), 24 units
- Proposed units ("P"), 14 units
- Total of all units ("T"), 38 units

3.4.2 The 2-way trips are shown for both the proposed (P) units and the total (T) units. Their difference and subsequent increase are also shown. All figures have been rounded up. Any apparent differences between the total (T) and the individual E or P figures are due to rounding.

	Predicted Trips			
	AM Peak (8-9)		PM Peak (5-6)	
Trip Parameter	Arrival	Departure	Arrival	Departure
Trip Rate	0.166	0.368	0.320	0.171
Predicted Trips (E, 24 units)	4	9	8	5
Predicted Trips (P, 14 units)	3	6	5	3
2-way Trips (P)	***9***		***8***	
Predicted Trips (T, 38 units)	7	14	13	7
2-way Trips (T)	***21***		***20***	
Trip Increase (T-P)	***12***		***12***	

Table 1 – Predicted Trips based on TRICS

3.4.3 Based on the TRICS calculations, the proposed development is predicted to generate an additional 12 two-way trips in each of the AM and PM peak periods. Notwithstanding the relative difference, the overall trip scenario is - in principle – within the bounds of the lapsed permission for 48 units, had the development been fully built-out.

3.4.4 Appendix 4 contains the full TRICS output.

3.5 Servicing and Deliveries

3.5.1 Servicing and Deliveries will take place in the same way as the existing development, with all vehicles accessing Jefferson Park. There are turning heads on both spurs of Jefferson Park to allow all vehicles to access/egress in a forward direction.

4.0 Summary & Conclusions

4.1 Summary

4.1.1 The proposed development on Jefferson Park is for an additional 14 units on land that was part of a previously permitted development of 48 units of which only 24 had been built. Therefore, the hypothetical total would be 38 units.

4.1.2 The principles of access, location, sustainability, servicing and deliveries associated with the proposed development share the same traits as the lapsed permission.

4.2 Conclusions

4.2.1 Based on the lapsed permission, the impact of the former total of 48 units has been accepted in planning terms. Therefore, the current hypothetical total of 38 units due to the proposed 14 units, falls within the bounds of the lapsed permission.

4.2.2 The site also enjoys good sustainability and accessibility merits. Most local facilities are within walking distance of 10-20 minutes, whilst many of those journeys can be completed by a short and direct bus ride.

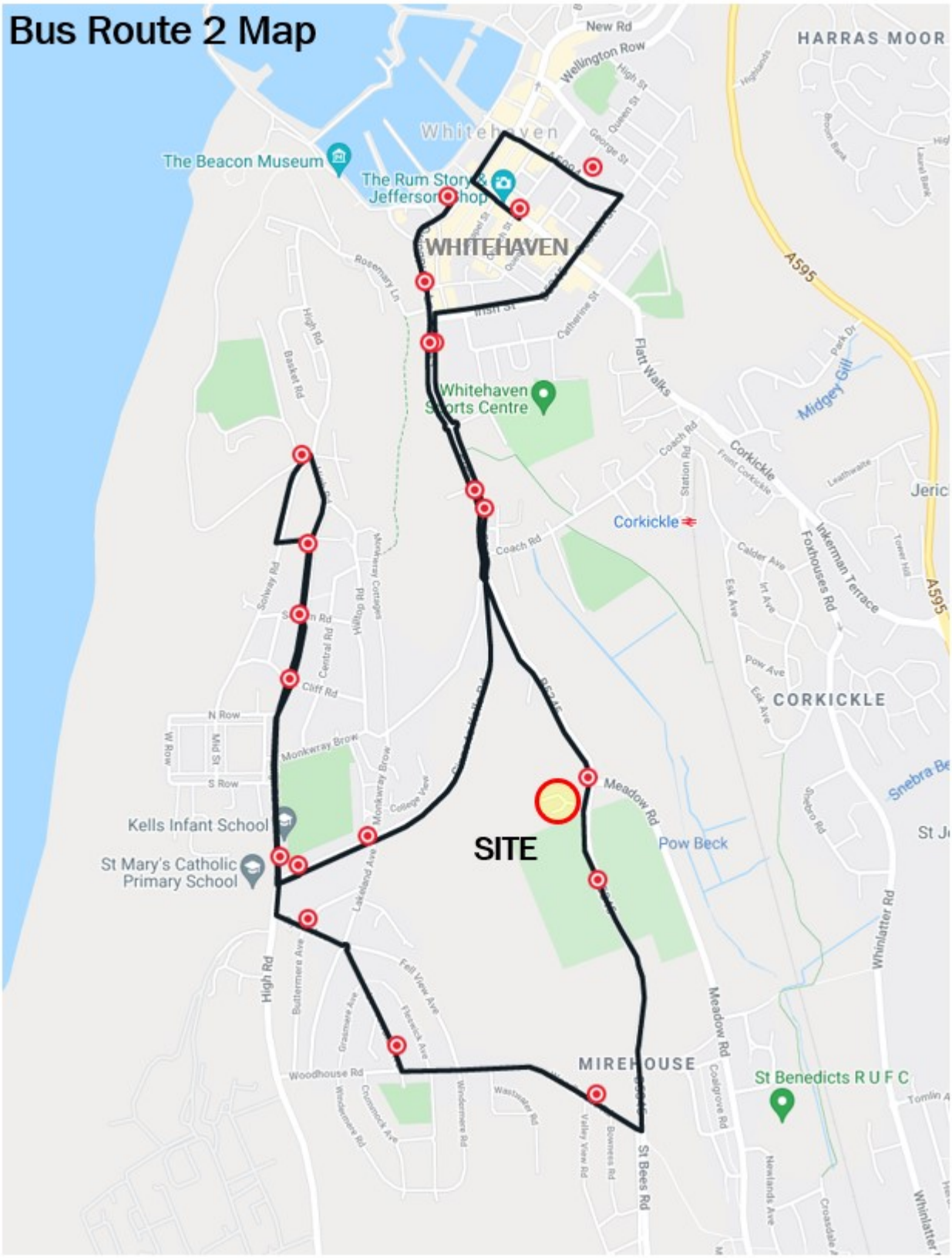
4.2.3 The site and proposed development accords strongly with Policy ST1 'Strategic Development' and Policy SS2 'Sustainable Housing Growth'. It would contribute to the housing quota needs for Copeland Borough in a sustainable manner.

4.2.4 Hence, the principle of the proposed development and its overall impact is deemed acceptable.

APPENDICES

APPENDIX 1

Appendix 1 – Bus Timetables


Bus Route 2 Map
HARRAS MOOR
New Rd
Wellington Row
Whitehaven
The Beacon Museum
The Rum Story & Jefferson Shop
WHITEHAVEN
A595
Rosemary Ln
High Rd
Basket Rd
Irish St
Catherine St
Flatt Walks
Whitehaven Sports Centre
Midgey Gill
Park Dr
Coach Rd
Station Rd
Corkickle
Front Corkickle
Leathwaite
Corkickle
Coach Rd
Calder Ave
Esk Ave
Irt Ave
Inkerman Terrace
Forthouses Rd
Pow Ave
CORKICKLE
Solway Rd
Hilltop Rd
Monkwray Cottages
Central Rd
Cliff Rd
N Row
W Row
Mid St
S Row
Monkwray Brow
College View
Kells Infant School
St Mary's Catholic Primary School
Lakeland Ave
SITE
Meadow Rd
Pow Beck
Snebro Rd
Whinlatter Rd
High Rd
Buttermere Ave
Fell View Ave
Thornwick Ave
Grasmere Ave
Woodhouse Rd
Windermere Rd
Crummock Ave
MIREHOUSE
Meadow Rd
Coalgrove Rd
St Benedicts R U F C
Wastwater Rd
Valley View Rd
Bowness Rd
St Bees Rd
Newlands Ave
Whinlatter Rd

• Whitehaven • Kells • Woodhouse • Greenbank • Whitehaven

2 2A

MONDAY TO SATURDAY (excluding public holidays)

	2	2	2	2	2	2	2		2	2		2	2	2	2
Whitehaven Lowther Street	-	0700	0735	0805	0835	0905	0935		**05**	**35**		1705	1735	1905	2105
Preston Street Punch Bowl	-	0707	0742	0812	0842	0912	0942	then every 30 mins	**12**	**42**	until	1712	1742	1912	2112
Kells Solway Road	0616	0714	0749	0819	0849	0919	0949		**19**	**49**		1719	1749	1919	2119
Woodhouse Loweswater Avenue	0622	0720	0755	0825	0855	0925	0955		**25**	**55**		1725	1755	1925	2125
Whitehaven Cemetery	0625	0723	0758	0828	0858	0928	0958		**28**	**58**		1728	1758	1928	2128
Whitehaven Lowther Street	0634	0732	0807	0837	0907	0937	1007		**37**	**17**		1737	1807	1935	2135

MONDAY TO FRIDAY (excl. public hols)

	2A
Whitehaven Lowther Street	0835
Preston Street Punch Bowl	0842
Whitehaven Cemetary	0844
Woodhouse Loweswater Avenue	0847
Kells Solway Road	0854
Whitehaven Lowther Street	0907

Key

Monday to Friday only

Saturdays only

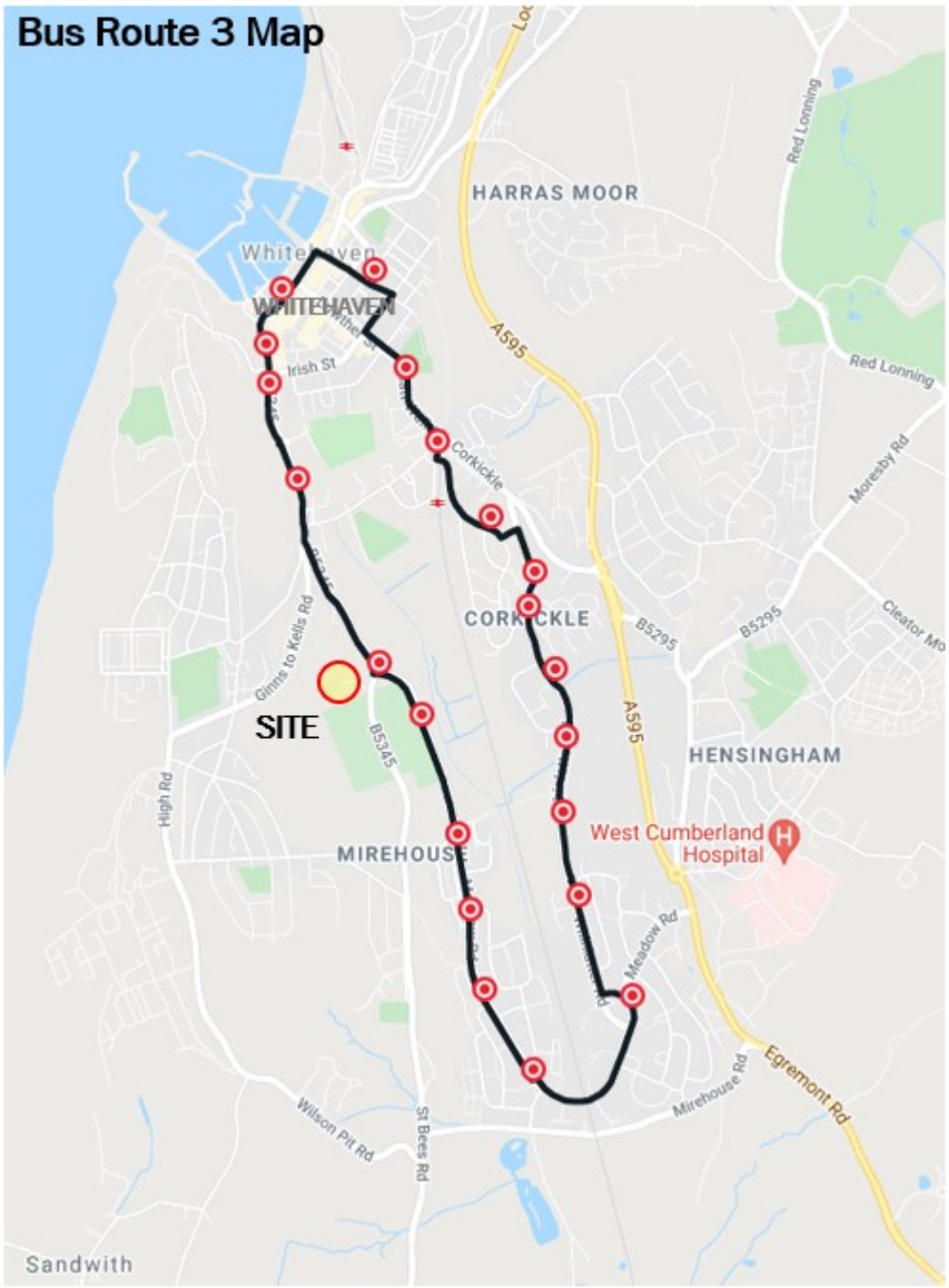
Terminates at Duke Street, not Lowther Street

– Stop not served

SUNDAY (including public holidays)

	2	2	2	2	2
Whitehaven Lowther Street	0935	1115	1315	1515	1715
Preston Street Punch Bowl	0942	1122	1322	1522	1722
Kells Solway Road	0949	1129	1329	1529	1729
Woodhouse Loweswater Avenue	0955	1135	1335	1535	1735
Whitehaven Cemetery	0958	1138	1338	1538	1738
Whitehaven Duke Street	1006	-	-	-	-
Whitehaven Lowther Street	-	1147	1347	1547	1747

Bus Route 3 Map



• Whitehaven • Corkickle • Mirehouse • Whitehaven 3

MONDAY TO SATURDAY (excluding public holidays)

	3	3	3		3	3		3	3
Whitehaven Strand Street	0709	0739	0809		**39**	**09**		1739	1809
Whitehaven Morrisons	0713	0743	0813		**43**	**13**		1743	1813
Hensingham Calder Avenue	0716	0746	0816	then every 30 mins at	**46**	**16**		1746	1816
Corkickle Bleng Avenue	0718	0748	0818		**48**	**18**	until	1748	1818
Mirehouse shops	0721	0751	0821		**51**	**21**		1751	1821
Mirehouse Skiddaw Road	0724	0754	0824		**54**	**24**		1754	1824
Mirehouse Cemetery jct Meadow View	0727	0757	0827		**57**	**27**		1757	1827
Whitehaven Strand Street	0734	0804	0834		**04**	**34**		1804	1834

Key

Monday to Friday only

• Whitehaven • Corkickle • Mirehouse • Whitehaven 3

SUNDAY (including public holidays)

	3	3
Whitehaven Strand Street	1148	1548
Whitehaven Morrisons	1152	1552
Hensingham Calder Avenue	1155	1555
Corkickle Bleng Avenue	1157	1557
Mirehouse shops	1200	1600
Mirehouse Skiddaw Road	1202	1602
Mirehouse Cemetery jct Meadow View	1205	1605
Whitehaven Strand Street	1209	1609

• Whitehaven • Mirehouse • Corkickle • Whitehaven

3A

MONDAY TO SATURDAY (excluding public holidays)

	3A	3A	then every 30 mins at	3A	3A	until	3A	3A
Whitehaven Strand Street	0636	0706		**36**	**06**		1806	1836
Mirehouse Cemetery jct Meadow View	0643	0713		**43**	**13**		1813	1843
Mirehouse Skiddaw Road	0646	0716		**46**	**16**		1816	1846
Mirehouse shops	0649	0719		**49**	**19**		1819	1849
Corkickle Ehen Avenue	0655	0725		**55**	**25**		1825	1855
Whitehaven Morrisons	0658	0728		**58**	**28**		1828	1858
Whitehaven Lowther Street	0702	0732		**02**	**32**		1832	1902

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APPENDIX 2

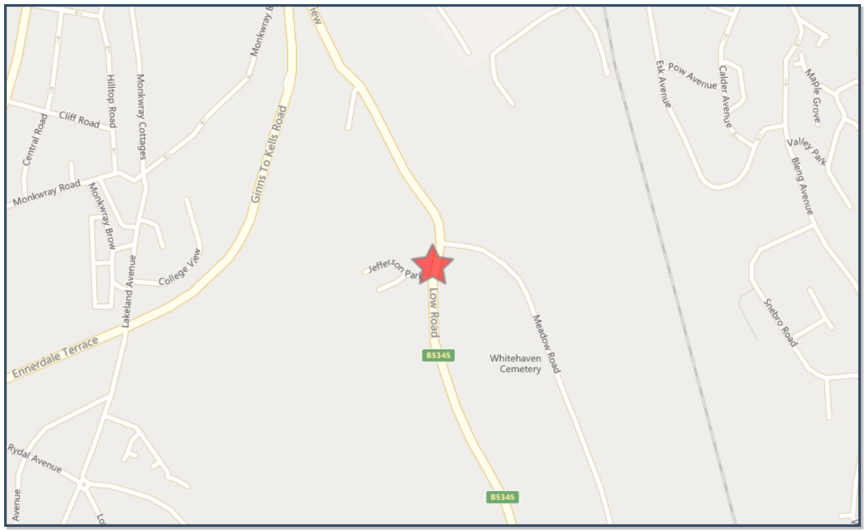
Appendix 2 – Accident Data

crashmap.co.uk

Validated Data

Crash Date:	Sunday, September 16, 2018	**Time of Crash:**	8:41:00 PM	**Crash Reference:**	**2018030328650**

Highest Injury Severity:	Slight	**Road Number:**	U0	**Number of Casualties:**	1
Highway Authority:	Cumbria			**Number of Vehicles:**	2
Local Authority:	Copeland Borough			**OS Grid Reference:**	297488 516799
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Darkness: street lights present and lit				
Carriageway Hazards:	None				
Junction Detail:	T or staggered junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Give way or uncontrolled				



For more information about the data please visit: *www.crashmap.co.uk/home/Faq*
To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium_Services*

powered by agilysis

Validated Data

Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Car (excluding private hire)	8	Male	21 - 25	Vehicle is in the act of turning right	Offside	Other	None	None
2	Taxi/Private hire car	5	Male	26 - 35	Vehicle proceeding normally along the carriageway, not on a bend	Front	Journey as part of work	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	21 - 25	Unknown or other	Unknown or other

APPENDIX 3

Appendix 3 – Proposed Site Layout

Accommodation schedule	
HT1 2B3P (70m2)	14
Total	**14**
Car parking	
Residents	21
Visitors	3
Total	**24**

Revision Notes:

Rev:	Date:	Notes:
???	???	???

Legend:

Project: Jefferson Park

Drawing Title: Capacity Study

Scale @A1: @1:200

Date: 27/05/2021

Drawn By: DM

Checked By:

Drawing Number: 001

Design

APPENDIX 4

Appendix 4 – TRICS Data

Filtering Summary

Land Use	03/A	RESIDENTIAL/HOUSES PRIVATELY OWNED
Selected Trip Rate Calculation Parameter Range	6-50 DWELLS	
Actual Trip Rate Calculation Parameter Range	8-50 DWELLS	
Date Range	Minimum: 01/01/13	Maximum: 27/09/19
Parking Spaces Range	All Surveys Included	
Parking Spaces Per Dwelling Range:	All Surveys Included	
Bedrooms Per Dwelling Range:	All Surveys Included	
Percentage of dwellings privately owned:	All Surveys Included	
Days of the week selected	Monday	10
	Tuesday	7
	Wednesday	7
	Thursday	8
	Friday	6
Main Location Types selected	Edge of Town Centre	6
	Suburban Area (PPS6 Out of Centre)	13
	Edge of Town	14
	Neighbourhood Centre (PPS6 Local Centre)	5
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	1,000 or Less	1
	1,001 to 5,000	5
	5,001 to 10,000	10
	10,001 to 15,000	7
	15,001 to 20,000	6
	20,001 to 25,000	2
	25,001 to 50,000	7
Population <5 Mile ranges selected	5,001 to 25,000	6
	25,001 to 50,000	3
	50,001 to 75,000	6
	75,001 to 100,000	6
	125,001 to 250,000	9
	250,001 to 500,000	8
Car Ownership <5 Mile ranges selected	0.5 or Less	1
	0.6 to 1.0	12
	1.1 to 1.5	24
	1.6 to 2.0	1
PTAL Rating	No PTAL Present	38

Calculation Reference: AUDIT-756701-210709-0728

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST		
	HC	HAMPSHIRE	3 days
	KC	KENT	1 days
03	SOUTH WEST		
	DC	DORSET	1 days
	DV	DEVON	1 days
	SM	SOMERSET	3 days
	WL	WILTSHIRE	1 days
04	EAST ANGLIA		
	CA	CAMBRIDGESHIRE	1 days
	NF	NORFOLK	2 days
	SF	SUFFOLK	2 days
05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	1 days
06	WEST MIDLANDS		
	SH	SHROPSHIRE	1 days
	ST	STAFFORDSHIRE	1 days
	WK	WARWICKSHIRE	2 days
	WM	WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	NY	NORTH YORKSHIRE	4 days
08	NORTH WEST		
	CH	CHESHIRE	3 days
	LC	LANCASHIRE	1 days
	MS	MERSEYSIDE	1 days
09	NORTH		
	CB	CUMBRIA	1 days
	DH	DURHAM	1 days
	TW	TYNE & WEAR	1 days
10	WALES		
	PS	POWYS	2 days
	VG	VALE OF GLAMORGAN	1 days
11	SCOTLAND		
	FA	FALKIRK	1 days
	HI	HIGHLAND	1 days

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

Primary Filtering selection:

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

Parameter: No of Dwellings
Actual Range: 8 to 50 (units:)
Range Selected by User: 6 to 50 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/13 to 27/09/19

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	10 days
Tuesday	7 days
Wednesday	7 days
Thursday	8 days
Friday	6 days

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

Selected survey types:

Manual count	38 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	6
Suburban Area (PPS6 Out of Centre)	13
Edge of Town	14
Neighbourhood Centre (PPS6 Local Centre)	5

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

Selected Location Sub Categories:

Residential Zone	33
Village	4
No Sub Category	1

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

Secondary Filtering selection:

Use Class:

C3	38 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 500m Range:
All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	5 days
5,001 to 10,000	10 days
10,001 to 15,000	7 days
15,001 to 20,000	6 days
20,001 to 25,000	2 days
25,001 to 50,000	7 days

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

Population within 5 miles:

5,001 to 25,000	6 days
25,001 to 50,000	3 days
50,001 to 75,000	6 days
75,001 to 100,000	6 days
125,001 to 250,000	9 days
250,001 to 500,000	8 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	12 days
1.1 to 1.5	24 days
1.6 to 2.0	1 days

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

Travel Plan:

Yes	6 days
No	32 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	38 days

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

LIST OF SITES relevant to selection parameters

Site(1):	CA-03-A-05	Site area:	1.71 hect
Development Name:	DETACHED HOUSES	No of Dwellings:	28
Location:	PETERBOROUGH	Housing density:	19
Postcode:	PE1 4AW	Total Bedrooms:	94
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	17/10/16
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	98
Site(2):	CB-03-A-05	Site area:	1.51 hect
Development Name:	DETACHED/TERRACED HOUSING	No of Dwellings:	50
Location:	PENRITH	Housing density:	40
Postcode:	CA11 9HS	Total Bedrooms:	163
Main Location Type:	Edge of Town Centre	Survey Date:	21/06/16
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	117
Site(3):	CH-03-A-09	Site area:	0.73 hect
Development Name:	TERRACED HOUSES	No of Dwellings:	24
Location:	MACCLESFIELD	Housing density:	39
Postcode:	SK10 2NS	Total Bedrooms:	72
Main Location Type:	Edge of Town	Survey Date:	24/11/14
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	32
Site(4):	CH-03-A-10	Site area:	0.91 hect
Development Name:	SEMI-DETACHED & TERRACED	No of Dwellings:	40
Location:	NORTHWICH	Housing density:	50
Postcode:	CW8 4WA	Total Bedrooms:	102
Main Location Type:	Edge of Town	Survey Date:	04/06/19
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	74
Site(5):	CH-03-A-11	Site area:	0.50 hect
Development Name:	TOWN HOUSES	No of Dwellings:	24
Location:	NORTHWICH	Housing density:	55
Postcode:	CW9 8RZ	Total Bedrooms:	92
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	06/06/19
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	47
Site(6):	DC-03-A-08	Site area:	1.85 hect
Development Name:	BUNGALOWS	No of Dwellings:	28
Location:	BOURNEMOUTH	Housing density:	17
Postcode:	BH8 0AL	Total Bedrooms:	64
Main Location Type:	Edge of Town	Survey Date:	24/03/14
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	131
Site(7):	DH-03-A-01	Site area:	0.90 hect
Development Name:	SEMI DETACHED	No of Dwellings:	50
Location:	BISHOP AUCKLAND	Housing density:	94
Postcode:	DL14 6RH	Total Bedrooms:	150
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	28/03/17
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	87
Site(8):	DV-03-A-01	Site area:	1.25 hect
Development Name:	TERRACED HOUSES	No of Dwellings:	37
Location:	TORQUAY	Housing density:	53
Postcode:	TQ1 3HR	Total Bedrooms:	111
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	30/09/15
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	103
Site(9):	FA-03-A-01	Site area:	0.84 hect
Development Name:	SEMI-DETACHED/TERRACED	No of Dwellings:	37
Location:	FALKIRK	Housing density:	65
Postcode:	FK2 7FL	Total Bedrooms:	94
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	30/05/13
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	52
Site(10):	HC-03-A-17	Site area:	0.80 hect
Development Name:	HOUSES & FLATS	No of Dwellings:	36
Location:	LIPHOOK	Housing density:	
Postcode:	GU30 7TG	Total Bedrooms:	130
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	12/11/15
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	79

LIST OF SITES relevant to selection parameters (Cont.)

Site(11):	HC-03-A-21	Site area:	1.20 hect
Development Name:	TERRACED & SEMI-DETACHED	No of Dwellings:	39
Location:	BASINGSTOKE	Housing density:	57
Postcode:	RG24 9AF	Total Bedrooms:	134
Main Location Type:	Edge of Town	Survey Date:	13/11/18
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	98
Site(12):	HC-03-A-22	Site area:	1.69 hect
Development Name:	MIXED HOUSES	No of Dwellings:	40
Location:	NEAR EASTLEIGH	Housing density:	32
Postcode:	SO50 6JL	Total Bedrooms:	114
Main Location Type:	Edge of Town	Survey Date:	31/10/18
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	101
Site(13):	HI-03-A-14	Site area:	1.48 hect
Development Name:	SEMI-DETACHED & TERRACED	No of Dwellings:	40
Location:	INVERNESS	Housing density:	36
Postcode:	IV3 8LX	Total Bedrooms:	121
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	23/03/16
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	89
Site(14):	KC-03-A-05	Site area:	0.20 hect
Development Name:	DETACHED & SEMI-DETACHED	No of Dwellings:	8
Location:	NEAR CHATHAM	Housing density:	50
Postcode:	ME1 3FE	Total Bedrooms:	32
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	22/09/17
Sub-Location Type:	Village	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	16
Site(15):	LC-03-A-30	Site area:	0.80 hect
Development Name:	SEMI-DETACHED	No of Dwellings:	24
Location:	BLACKPOOL	Housing density:	30
Postcode:	FY4 2DF	Total Bedrooms:	72
Main Location Type:	Edge of Town Centre	Survey Date:	14/06/13
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	40
Site(16):	LN-03-A-04	Site area:	1.70 hect
Development Name:	DETACHED & SEMI-DETACHED	No of Dwellings:	30
Location:	LINCOLN	Housing density:	23
Postcode:	LN2 4PJ	Total Bedrooms:	100
Main Location Type:	Edge of Town Centre	Survey Date:	29/06/15
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	66
Site(17):	MS-03-A-03	Site area:	0.50 hect
Development Name:	DETACHED	No of Dwellings:	15
Location:	LIVERPOOL	Housing density:	38
Postcode:	L17 5BT	Total Bedrooms:	60
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	21/06/13
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	45
Site(18):	NF-03-A-03	Site area:	0.63 hect
Development Name:	DETACHED HOUSES	No of Dwellings:	10
Location:	THETFORD	Housing density:	20
Postcode:	IP24 1EY	Total Bedrooms:	40
Main Location Type:	Edge of Town	Survey Date:	16/09/15
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	37
Site(19):	NF-03-A-05	Site area:	1.57 hect
Development Name:	MIXED HOUSES	No of Dwellings:	40
Location:	HOLT	Housing density:	26
Postcode:	NR25 6GA	Total Bedrooms:	116
Main Location Type:	Edge of Town	Survey Date:	19/09/19
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	100
Site(20):	NY-03-A-08	Site area:	0.15 hect
Development Name:	TERRACED HOUSES	No of Dwellings:	21
Location:	YORK	Housing density:	175
Postcode:	YO10 3EJ	Total Bedrooms:	54
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	16/09/13
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	24

LIST OF SITES relevant to selection parameters (Cont.)

Site(21):	NY-03-A-11	Site area:	1.79 hect
Development Name:	PRIVATE HOUSING	No of Dwellings:	23
Location:	BOROUGHBRIDGE	Housing density:	15
Postcode:	YO51 9LQ	Total Bedrooms:	101
Main Location Type:	Edge of Town	Survey Date:	18/09/13
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	144
Site(22):	NY-03-A-12	Site area:	0.82 hect
Development Name:	TOWN HOUSES	No of Dwellings:	47
Location:	NORTHALLERTON	Housing density:	68
Postcode:	DL7 8EY	Total Bedrooms:	122
Main Location Type:	Edge of Town Centre	Survey Date:	27/09/16
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	78
Site(23):	NY-03-A-13	Site area:	0.30 hect
Development Name:	TERRACED HOUSES	No of Dwellings:	10
Location:	CATTERICK GARRISON	Housing density:	33
Postcode:	DL9 4SB	Total Bedrooms:	32
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	10/05/17
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	19
Site(24):	PS-03-A-01	Site area:	1.12 hect
Development Name:	MIXED HOUSES	No of Dwellings:	16
Location:	WELSHPOOL	Housing density:	15
Postcode:	SY21 7DT	Total Bedrooms:	49
Main Location Type:	Edge of Town Centre	Survey Date:	11/05/15
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	26
Site(25):	PS-03-A-02	Site area:	0.81 hect
Development Name:	DETACHED/SEMI-DETACHED	No of Dwellings:	28
Location:	WELSHPOOL	Housing density:	42
Postcode:	SY21 7HX	Total Bedrooms:	84
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	11/05/15
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	65
Site(26):	SF-03-A-05	Site area:	1.15 hect
Development Name:	DETACHED HOUSES	No of Dwellings:	18
Location:	BURY ST EDMUNDS	Housing density:	19
Postcode:	IP33 2SN	Total Bedrooms:	78
Main Location Type:	Edge of Town	Survey Date:	09/09/15
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	75
Site(27):	SF-03-A-06	Site area:	2.68 hect
Development Name:	DETACHED & SEMI-DETACHED	No of Dwellings:	38
Location:	KENTFORD	Housing density:	14
Postcode:	CB8 7UU	Total Bedrooms:	129
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	22/09/17
Sub-Location Type:	Village	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	35
Site(28):	SH-03-A-06	Site area:	0.80 hect
Development Name:	BUNGALOWS	No of Dwellings:	16
Location:	SHREWSBURY	Housing density:	24
Postcode:	SY1 2RB	Total Bedrooms:	34
Main Location Type:	Edge of Town	Survey Date:	22/05/14
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	32
Site(29):	SM-03-A-01	Site area:	1.40 hect
Development Name:	DETACHED & SEMI	No of Dwellings:	33
Location:	BRIDGWATER	Housing density:	28
Postcode:	TA6 7PL	Total Bedrooms:	107
Main Location Type:	Edge of Town	Survey Date:	24/09/15
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	131
Site(30):	SM-03-A-02	Site area:	2.87 hect
Development Name:	MIXED HOUSES	No of Dwellings:	42
Location:	NEAR TAUNTON	Housing density:	27
Postcode:	TA3 5FG	Total Bedrooms:	160
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	25/09/18
Sub-Location Type:	Village	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	142

LIST OF SITES relevant to selection parameters (Cont.)

Site(31):	SM-03-A-03	Site area:	2.65 hect
Development Name:	MIXED HOUSES	No of Dwellings:	41
Location:	NEAR TAUNTON	Housing density:	42
Postcode:	TA3 5FB	Total Bedrooms:	137
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	25/09/18
Sub-Location Type:	Village	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	118

Site(32):	ST-03-A-06	Site area:	0.37 hect
Development Name:	SEMI-DET. & TERRACED	No of Dwellings:	17
Location:	WOLVERHAMPTON	Housing density:	65
Postcode:	WV2 4NH	Total Bedrooms:	51
Main Location Type:	Edge of Town Centre	Survey Date:	09/05/14
Sub-Location Type:	No Sub Category	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	19

Site(33):	TW-03-A-02	Site area:	0.55 hect
Development Name:	SEMI-DETACHED	No of Dwellings:	16
Location:	GATESHEAD	Housing density:	34
Postcode:	NE8 4SQ	Total Bedrooms:	52
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	07/10/13
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	38

Site(34):	VG-03-A-01	Site area:	0.21 hect
Development Name:	SEMI-DETACHED & TERRACED	No of Dwellings:	12
Location:	BARRY	Housing density:	86
Postcode:	CF63 2RE	Total Bedrooms:	36
Main Location Type:	Edge of Town	Survey Date:	08/05/17
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	28

Site(35):	WK-03-A-02	Site area:	0.47 hect
Development Name:	BUNGALOWS	No of Dwellings:	17
Location:	COVENTRY	Housing density:	50
Postcode:	CV2 2NT	Total Bedrooms:	29
Main Location Type:	Edge of Town	Survey Date:	17/10/13
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	35

Site(36):	WK-03-A-04	Site area:	2.42 hect
Development Name:	DETACHED HOUSES	No of Dwellings:	49
Location:	KENILWORTH	Housing density:	23
Postcode:	CV8 2TN	Total Bedrooms:	195
Main Location Type:	Edge of Town	Survey Date:	27/09/19
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	137

Site(37):	WL-03-A-02	Site area:	1.16 hect
Development Name:	SEMI DETACHED	No of Dwellings:	27
Location:	SWINDON	Housing density:	25
Postcode:	SN2 7HT	Total Bedrooms:	91
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	22/09/16
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	122

Site(38):	WM-03-A-04	Site area:	1.10 hect
Development Name:	TERRACED HOUSES	No of Dwellings:	39
Location:	COVENTRY	Housing density:	43
Postcode:	CV5 6DZ	Total Bedrooms:	111
Main Location Type:	Neighbourhood Centre (PPS6 Local Centre)	Survey Date:	21/11/16
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	45

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TOTAL VEHICLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.083	38	29	0.277	38	29	0.360
08:00 - 09:00	38	29	0.166	38	29	0.368	38	29	0.534
09:00 - 10:00	38	29	0.159	38	29	0.185	38	29	0.344
10:00 - 11:00	38	29	0.145	38	29	0.156	38	29	0.301
11:00 - 12:00	38	29	0.141	38	29	0.172	38	29	0.313
12:00 - 13:00	38	29	0.170	38	29	0.187	38	29	0.357
13:00 - 14:00	38	29	0.175	38	29	0.165	38	29	0.340
14:00 - 15:00	38	29	0.170	38	29	0.189	38	29	0.359
15:00 - 16:00	38	29	0.255	38	29	0.195	38	29	0.450
16:00 - 17:00	38	29	0.264	38	29	0.163	38	29	0.427
17:00 - 18:00	38	29	0.320	38	29	0.171	38	29	0.491
18:00 - 19:00	38	29	0.223	38	29	0.143	38	29	0.366
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.271			2.371			4.642

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:	8 - 50 (units:)
Survey date date range:	01/01/13 - 27/09/19
Number of weekdays (Monday-Friday):	38
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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TAXIS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.005	38	29	0.005	38	29	0.010
08:00 - 09:00	38	29	0.004	38	29	0.005	38	29	0.009
09:00 - 10:00	38	29	0.005	38	29	0.004	38	29	0.009
10:00 - 11:00	38	29	0.003	38	29	0.005	38	29	0.008
11:00 - 12:00	38	29	0.001	38	29	0.001	38	29	0.002
12:00 - 13:00	38	29	0.003	38	29	0.002	38	29	0.005
13:00 - 14:00	38	29	0.005	38	29	0.005	38	29	0.010
14:00 - 15:00	38	29	0.002	38	29	0.001	38	29	0.003
15:00 - 16:00	38	29	0.003	38	29	0.005	38	29	0.008
16:00 - 17:00	38	29	0.002	38	29	0.003	38	29	0.005
17:00 - 18:00	38	29	0.005	38	29	0.003	38	29	0.008
18:00 - 19:00	38	29	0.005	38	29	0.006	38	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:			0.043			0.045			0.088

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL OGVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.004	38	29	0.003	38	29	0.007
08:00 - 09:00	38	29	0.007	38	29	0.006	38	29	0.013
09:00 - 10:00	38	29	0.005	38	29	0.005	38	29	0.010
10:00 - 11:00	38	29	0.004	38	29	0.003	38	29	0.007
11:00 - 12:00	38	29	0.002	38	29	0.004	38	29	0.006
12:00 - 13:00	38	29	0.001	38	29	0.002	38	29	0.003
13:00 - 14:00	38	29	0.003	38	29	0.003	38	29	0.006
14:00 - 15:00	38	29	0.000	38	29	0.000	38	29	0.000
15:00 - 16:00	38	29	0.000	38	29	0.000	38	29	0.000
16:00 - 17:00	38	29	0.000	38	29	0.000	38	29	0.000
17:00 - 18:00	38	29	0.003	38	29	0.003	38	29	0.006
18:00 - 19:00	38	29	0.001	38	29	0.001	38	29	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.030			0.030			0.060

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL PSVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.002	38	29	0.002	38	29	0.004
08:00 - 09:00	38	29	0.003	38	29	0.003	38	29	0.006
09:00 - 10:00	38	29	0.000	38	29	0.000	38	29	0.000
10:00 - 11:00	38	29	0.000	38	29	0.000	38	29	0.000
11:00 - 12:00	38	29	0.000	38	29	0.000	38	29	0.000
12:00 - 13:00	38	29	0.000	38	29	0.000	38	29	0.000
13:00 - 14:00	38	29	0.000	38	29	0.000	38	29	0.000
14:00 - 15:00	38	29	0.001	38	29	0.001	38	29	0.002
15:00 - 16:00	38	29	0.004	38	29	0.004	38	29	0.008
16:00 - 17:00	38	29	0.000	38	29	0.000	38	29	0.000
17:00 - 18:00	38	29	0.001	38	29	0.001	38	29	0.002
18:00 - 19:00	38	29	0.001	38	29	0.001	38	29	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.012			0.012			0.024

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL CYCLISTS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.007	38	29	0.022	38	29	0.029
08:00 - 09:00	38	29	0.004	38	29	0.023	38	29	0.027
09:00 - 10:00	38	29	0.003	38	29	0.009	38	29	0.012
10:00 - 11:00	38	29	0.005	38	29	0.006	38	29	0.011
11:00 - 12:00	38	29	0.001	38	29	0.005	38	29	0.006
12:00 - 13:00	38	29	0.009	38	29	0.005	38	29	0.014
13:00 - 14:00	38	29	0.005	38	29	0.003	38	29	0.008
14:00 - 15:00	38	29	0.006	38	29	0.005	38	29	0.011
15:00 - 16:00	38	29	0.020	38	29	0.003	38	29	0.023
16:00 - 17:00	38	29	0.016	38	29	0.004	38	29	0.020
17:00 - 18:00	38	29	0.018	38	29	0.017	38	29	0.035
18:00 - 19:00	38	29	0.009	38	29	0.005	38	29	0.014
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.103			0.107			0.210

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL VEHICLE OCCUPANTS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.100	38	29	0.356	38	29	0.456
08:00 - 09:00	38	29	0.202	38	29	0.548	38	29	0.750
09:00 - 10:00	38	29	0.185	38	29	0.233	38	29	0.418
10:00 - 11:00	38	29	0.178	38	29	0.208	38	29	0.386
11:00 - 12:00	38	29	0.168	38	29	0.207	38	29	0.375
12:00 - 13:00	38	29	0.214	38	29	0.235	38	29	0.449
13:00 - 14:00	38	29	0.205	38	29	0.203	38	29	0.408
14:00 - 15:00	38	29	0.216	38	29	0.234	38	29	0.450
15:00 - 16:00	38	29	0.378	38	29	0.259	38	29	0.637
16:00 - 17:00	38	29	0.358	38	29	0.222	38	29	0.580
17:00 - 18:00	38	29	0.443	38	29	0.231	38	29	0.674
18:00 - 19:00	38	29	0.296	38	29	0.195	38	29	0.491
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.943			3.131			6.074

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL PEDESTRIANS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.027	38	29	0.059	38	29	0.086
08:00 - 09:00	38	29	0.070	38	29	0.218	38	29	0.288
09:00 - 10:00	38	29	0.056	38	29	0.063	38	29	0.119
10:00 - 11:00	38	29	0.044	38	29	0.073	38	29	0.117
11:00 - 12:00	38	29	0.053	38	29	0.058	38	29	0.111
12:00 - 13:00	38	29	0.060	38	29	0.059	38	29	0.119
13:00 - 14:00	38	29	0.056	38	29	0.053	38	29	0.109
14:00 - 15:00	38	29	0.062	38	29	0.061	38	29	0.123
15:00 - 16:00	38	29	0.193	38	29	0.109	38	29	0.302
16:00 - 17:00	38	29	0.095	38	29	0.052	38	29	0.147
17:00 - 18:00	38	29	0.092	38	29	0.075	38	29	0.167
18:00 - 19:00	38	29	0.074	38	29	0.046	38	29	0.120
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.882			0.926			1.808

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL BUS/TRAM PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.004	38	29	0.007	38	29	0.011
08:00 - 09:00	38	29	0.002	38	29	0.013	38	29	0.015
09:00 - 10:00	38	29	0.001	38	29	0.007	38	29	0.008
10:00 - 11:00	38	29	0.005	38	29	0.004	38	29	0.009
11:00 - 12:00	38	29	0.005	38	29	0.005	38	29	0.010
12:00 - 13:00	38	29	0.013	38	29	0.005	38	29	0.018
13:00 - 14:00	38	29	0.002	38	29	0.000	38	29	0.002
14:00 - 15:00	38	29	0.005	38	29	0.002	38	29	0.007
15:00 - 16:00	38	29	0.004	38	29	0.005	38	29	0.009
16:00 - 17:00	38	29	0.010	38	29	0.005	38	29	0.015
17:00 - 18:00	38	29	0.009	38	29	0.005	38	29	0.014
18:00 - 19:00	38	29	0.011	38	29	0.002	38	29	0.013
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.071			0.060			0.131

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TOTAL RAIL PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.000	38	29	0.004	38	29	0.004
08:00 - 09:00	38	29	0.000	38	29	0.004	38	29	0.004
09:00 - 10:00	38	29	0.000	38	29	0.000	38	29	0.000
10:00 - 11:00	38	29	0.000	38	29	0.003	38	29	0.003
11:00 - 12:00	38	29	0.001	38	29	0.000	38	29	0.001
12:00 - 13:00	38	29	0.000	38	29	0.000	38	29	0.000
13:00 - 14:00	38	29	0.001	38	29	0.000	38	29	0.001
14:00 - 15:00	38	29	0.001	38	29	0.000	38	29	0.001
15:00 - 16:00	38	29	0.000	38	29	0.000	38	29	0.000
16:00 - 17:00	38	29	0.002	38	29	0.001	38	29	0.003
17:00 - 18:00	38	29	0.003	38	29	0.002	38	29	0.005
18:00 - 19:00	38	29	0.003	38	29	0.000	38	29	0.003
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.011			0.014			0.025

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL COACH PASSENGERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.000	38	29	0.003	38	29	0.003
08:00 - 09:00	38	29	0.000	38	29	0.003	38	29	0.003
09:00 - 10:00	38	29	0.000	38	29	0.000	38	29	0.000
10:00 - 11:00	38	29	0.000	38	29	0.000	38	29	0.000
11:00 - 12:00	38	29	0.000	38	29	0.000	38	29	0.000
12:00 - 13:00	38	29	0.000	38	29	0.000	38	29	0.000
13:00 - 14:00	38	29	0.000	38	29	0.000	38	29	0.000
14:00 - 15:00	38	29	0.001	38	29	0.000	38	29	0.001
15:00 - 16:00	38	29	0.006	38	29	0.004	38	29	0.010
16:00 - 17:00	38	29	0.000	38	29	0.000	38	29	0.000
17:00 - 18:00	38	29	0.004	38	29	0.004	38	29	0.008
18:00 - 19:00	38	29	0.000	38	29	0.000	38	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:			0.011			0.014			0.025

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL PUBLIC TRANSPORT USERS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.004	38	29	0.014	38	29	0.018
08:00 - 09:00	38	29	0.002	38	29	0.019	38	29	0.021
09:00 - 10:00	38	29	0.001	38	29	0.007	38	29	0.008
10:00 - 11:00	38	29	0.005	38	29	0.006	38	29	0.011
11:00 - 12:00	38	29	0.005	38	29	0.005	38	29	0.010
12:00 - 13:00	38	29	0.013	38	29	0.005	38	29	0.018
13:00 - 14:00	38	29	0.003	38	29	0.000	38	29	0.003
14:00 - 15:00	38	29	0.006	38	29	0.002	38	29	0.008
15:00 - 16:00	38	29	0.010	38	29	0.009	38	29	0.019
16:00 - 17:00	38	29	0.012	38	29	0.005	38	29	0.017
17:00 - 18:00	38	29	0.015	38	29	0.011	38	29	0.026
18:00 - 19:00	38	29	0.014	38	29	0.002	38	29	0.016
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.090			0.085			0.175

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.138	38	29	0.450	38	29	0.588
08:00 - 09:00	38	29	0.277	38	29	0.807	38	29	1.084
09:00 - 10:00	38	29	0.244	38	29	0.313	38	29	0.557
10:00 - 11:00	38	29	0.232	38	29	0.294	38	29	0.526
11:00 - 12:00	38	29	0.227	38	29	0.275	38	29	0.502
12:00 - 13:00	38	29	0.296	38	29	0.304	38	29	0.600
13:00 - 14:00	38	29	0.269	38	29	0.259	38	29	0.528
14:00 - 15:00	38	29	0.291	38	29	0.303	38	29	0.594
15:00 - 16:00	38	29	0.601	38	29	0.379	38	29	0.980
16:00 - 17:00	38	29	0.481	38	29	0.283	38	29	0.764
17:00 - 18:00	38	29	0.568	38	29	0.333	38	29	0.901
18:00 - 19:00	38	29	0.393	38	29	0.248	38	29	0.641
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			4.017			4.248			8.265

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL CARS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.049	38	29	0.205	38	29	0.254
08:00 - 09:00	38	29	0.097	38	29	0.266	38	29	0.363
09:00 - 10:00	38	29	0.093	38	29	0.118	38	29	0.211
10:00 - 11:00	38	29	0.096	38	29	0.105	38	29	0.201
11:00 - 12:00	38	29	0.088	38	29	0.102	38	29	0.190
12:00 - 13:00	38	29	0.104	38	29	0.122	38	29	0.226
13:00 - 14:00	38	29	0.106	38	29	0.113	38	29	0.219
14:00 - 15:00	38	29	0.115	38	29	0.123	38	29	0.238
15:00 - 16:00	38	29	0.184	38	29	0.133	38	29	0.317
16:00 - 17:00	38	29	0.202	38	29	0.112	38	29	0.314
17:00 - 18:00	38	29	0.240	38	29	0.128	38	29	0.368
18:00 - 19:00	38	29	0.166	38	29	0.098	38	29	0.264
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.540			1.625			3.165

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL LGVS
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.013	38	29	0.023	38	29	0.036
08:00 - 09:00	38	29	0.031	38	29	0.028	38	29	0.059
09:00 - 10:00	38	29	0.029	38	29	0.025	38	29	0.054
10:00 - 11:00	38	29	0.021	38	29	0.023	38	29	0.044
11:00 - 12:00	38	29	0.020	38	29	0.023	38	29	0.043
12:00 - 13:00	38	29	0.025	38	29	0.031	38	29	0.056
13:00 - 14:00	38	29	0.031	38	29	0.022	38	29	0.053
14:00 - 15:00	38	29	0.022	38	29	0.027	38	29	0.049
15:00 - 16:00	38	29	0.023	38	29	0.024	38	29	0.047
16:00 - 17:00	38	29	0.019	38	29	0.024	38	29	0.043
17:00 - 18:00	38	29	0.028	38	29	0.015	38	29	0.043
18:00 - 19:00	38	29	0.017	38	29	0.006	38	29	0.023
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.279			0.271			0.550

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MULTI-MODAL MOTOR CYCLES
Calculation factor: 1 DWELLS
BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	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	38	29	0.000	38	29	0.000	38	29	0.000
08:00 - 09:00	38	29	0.000	38	29	0.000	38	29	0.000
09:00 - 10:00	38	29	0.001	38	29	0.000	38	29	0.001
10:00 - 11:00	38	29	0.000	38	29	0.000	38	29	0.000
11:00 - 12:00	38	29	0.001	38	29	0.001	38	29	0.002
12:00 - 13:00	38	29	0.000	38	29	0.002	38	29	0.002
13:00 - 14:00	38	29	0.000	38	29	0.000	38	29	0.000
14:00 - 15:00	38	29	0.001	38	29	0.001	38	29	0.002
15:00 - 16:00	38	29	0.000	38	29	0.000	38	29	0.000
16:00 - 17:00	38	29	0.000	38	29	0.000	38	29	0.000
17:00 - 18:00	38	29	0.001	38	29	0.000	38	29	0.001
18:00 - 19:00	38	29	0.000	38	29	0.001	38	29	0.001
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.004			0.005			0.009

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.*

End

Inside back cover

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