

Bidwells
C/O Rob Hopwood

Via email



T

19th February 2020

Dear Sir or Madam,

Land at 49 Cambridge Road, Impington, CB24 9NU

Introduction

EAS have been appointed to provide a transport review for the above site in order to support its allocation in the South Cambridgeshire Local Plan Review.

The site comprises of a plot of land circa 0.23hectares located north of 49 Cambridge Road. A site boundary plan is enclosed in Appendix A.

The site is located to the north of Cambridge and just off junction 32 of the A14.

Indicative Site Access

Drawing SK01 enclosed in Appendix B shows an indicative access with a carriageway width of 5.5metres and 6metre radii as well as 2metre footways on either side which join the existing footway present on Cambridge Road. This style of access would accommodate the proposed five residential dwellings.

Visibility splays of 2.4metres X 43metres have also been demonstrated in accordance with the Manual for Streets requirements for a 30mph speed limit.

To improve pedestrian connectivity an additional 2.0metre pedestrian access into the north of the site has been shown.

Local Facilities

There are many daily facilities to the north of the site circa 1.6km (20minute walk / 5-minute cycle) which future residents can frequent:

- Doctors Surgery;
- Sports Centre;
- Employment Opportunities;
- Hair Dressers;
- Public houses / restaurants;
- Schools; and
- Tesco Express.

Public Transport

The nearest bus stops to the site are situated circa 210metres north west of the site along Cambridge Road and provide northbound and southbound travel.

Route 110 provides a service which runs between Impington and Ely Monday to Saturday with one service in the morning and one in the afternoon.

Route Citi 8 provides a service which runs between Cambridge, Impington, Histon and Cottenham Monday to Saturday with a bus every 20-minutes, and on Sundays with one bus every 30-minutes.

The timetables of the bus routes are contained in Appendix C.

Trip Generation

A TRICS assessment has been undertaken using the nationally recognised trip rate database 'TRICS' to determine an appropriate vehicle trip rate.

TRICS sites have been chosen based on the advice given in the database and the following methodology.

- Multi modal data
- Mainland England
- Within the last 5 years
- Not including Greater London
- Developments below 300 units

Sites have been chosen from the Neighbourhood Centre and Edge of Town location options. The TRICS guidance indicates that these options are the most appropriate in this instance.

The resulting TRICS data output is enclosed in Appendix D and give the following AM and PM vehicle trip rates and trips based on 5 dwellings.

	AM Peak Hour (08:00 – 09:00)			PM Peak Hour (17:00 – 18:00)		
	In	Out	Total	In	Out	Total
Vehicle Trip Rate	0.146	0.364	0.510	0.335	0.139	0.474
5 Dwellings	1	2	3	2	1	3

Table 1 - TRICS vehicle trip rates for residential dwellings (allow for rounding)

As can be seen from the table above, the peak hourly flow from the site based on 5 dwellings will generate 3 vehicle trips in the AM and PM peak hours which would have a negligible impact on the local road network.

Summary

EAS have been appointed to provide a transport review for land north of 49 Cambridge Road, Impington in order to support its allocation in South Cambridgeshire's Local Plan Review.

The site is situated with many daily facilities located within a 20-minute walk / 5-minute cycle, as well as bus stops situated within 210metres of the site which provide 1 bus every 20-minutes Monday to Saturday and one bus every 30-minutes on Sundays, providing future residents the opportunity to travel without the use of a car.



A TRICS assessment for a residential development of approximately 5 dwellings was completed and the resulting AM and PM peak hour vehicle trips generated are considered to have a negligible impact on the local road network.

An indicative highway access layout has been produced and visibility splays of 2.4metres X 43metres have been demonstrated in accordance with Manual for Streets for a 30mph speed limit.

If you have any queries or require any clarifications, please do not hesitate to contact me.

Yours Sincerely,

Emma Tagliarini

Engineer

EAS

Appendices:

Appendix A – Site Boundary

Appendix B – Access Arrangement and Visibility Splays

Appendix C – Bus Timetables

Appendix D – TRICS Assessment



Appendix A – Site Boundary



KEY
— Site Boundary
 (0.23ha)

INDICATIVE SCHEDULE OF ACCOMMODATION:

no. 2 Bed Dwellings: 3

no. 3 Bed Dwellings: 2

TOTAL DWELLINGS: 5

INDICATIVE SITE DENSITY:

Total Site Area: 0.23ha

Net Developable Area: 0.13ha

PROPOSED DENSITY: 38dph

Rev.	Date	Details

Do not scale from this drawing.
 All dimensions to be checked on site. This plan is to be read with all accompanying documentation. © Bidwells 2020



Scale Bar: 0 4 8 12 16

BIDWELLS Urban Design Studio

49 CAMBRIDGE ROAD,
 IMPINGTON

ILLUSTRATIVE MASTERPLAN

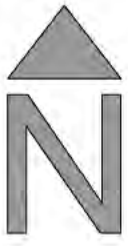
Job Code: 57490 OS License Number: 100017734

Drawing Scale: 1:500@A3 Date: 23.01.20 Drawn By: JS Checked By: -

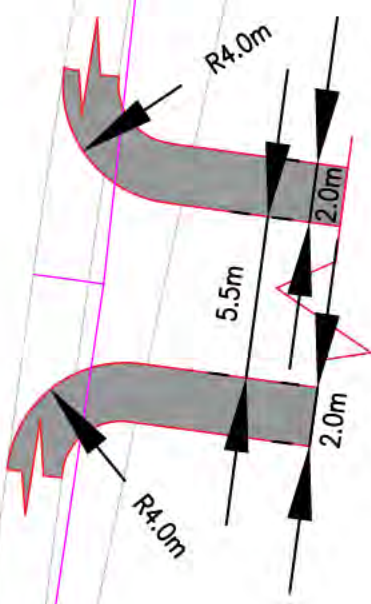
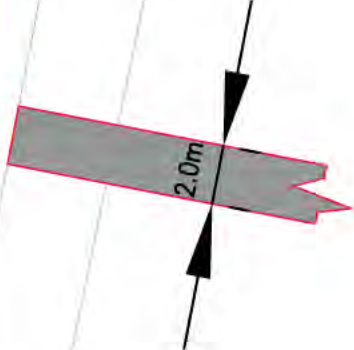
Drawing Number: UDS57490-A3-0200 Revision: -



Appendix B – Access Arrangement and Visibility Splays



2.4m X 43m VISIBILITY SPLAYS CAN BE ACHIEVED IN ACCORDANCE WITH THE MFS REQUIREMENTS FOR A 30mph SPEED LIMIT



2.4m X 43m VISIBILITY SPLAYS CAN BE ACHIEVED IN ACCORDANCE WITH THE MFS REQUIREMENTS FOR A 30mph SPEED LIMIT

REV	DATE	BY	DESCRIPTION	CHK	APD
-----	------	----	-------------	-----	-----

DRAWING STATUS:

Ordnance Survey (c) Crown Copyright 2018. All rights reserved. Licence number 100022432



CLIENT:

ARCHITECT:

PROJECT:

LAND NORT OF 49 CAMBRIDGE ROAD,
IMPINGTON

TITLE:

ACCESS ARRANGEMENT AND VISIBILITY SPLAYS

SCALE @ A3: 1:250	DESIGN-DRAWN: ET	DATE: 31.01.2020
-----------------------------	----------------------------	----------------------------

PROJECT No: 2603	DRAWING No: SK01
----------------------------	----------------------------



Appendix C – Bus Timetables

110**Impington - Ely***Big Green Bus Company***Mondays to Fridays [1]**

Impington, nr Highfield Road	<i>dep</i>	09:30
Impington, opp Village College		09:35
Histon, nr School		09:41
Rampton, opp King Street		09:53
Cottenham, opp Bramley Close		09:57
Cottenham, nr Telegraph Street		09:59
Cottenham, opp Church Close		10:01
Cottenham, nr Brookfield Business Centre		10:02
Woburn, nr Station Road		10:09
Ely, Market Street (Stop B)	<i>arr</i>	10:25

*[1] Only runs on Thursday (Thu 06-Feb-2020)**Compiled from data for the period Mon 03-Feb-2020 to Sun 09-Feb-2020.***110****Impington - Ely***Big Green Bus Company***Saturdays**

Impington, nr Highfield Road	<i>dep</i>	09:30
Impington, opp Village College		09:35
Histon, nr School		09:41
Rampton, opp King Street		09:53
Cottenham, opp Bramley Close		09:57
Cottenham, nr Telegraph Street		09:59
Cottenham, opp Church Close		10:01
Cottenham, nr Brookfield Business Centre		10:02
Woburn, nr Station Road		10:09
Ely, Market Street (Stop B)	<i>arr</i>	10:25

Compiled from data for the period Mon 03-Feb-2020 to Sun 09-Feb-2020.

110**Ely - Impington***Big Green Bus Company***Mondays to Fridays [1]**

Ely, Market Street (Stop B)	<i>dep</i>	13:15
W burton, opp Stat on Road		13:31
Cottenham, opp Brookf e d Bus ness Centre		13:38
Cottenham, nr Church C ose		13:39
Cottenham, opp Te egraph Street		13:41
Cottenham, nr Bram ey C ose		13:43
Rampton, nr K ng Street		13:47
H ston, opp Schoo H		13:59
Imp ngton, o/s V age Co ege		14:05
Imp ngton, opp H ghf e d Road	<i>arr</i>	14:10

*[1] Only runs on Thursday (Thu 06-Feb-2020)**Compiled from data for the period Mon 03-Feb-2020 to Sun 09-Feb-2020.***110****Ely - Impington***Big Green Bus Company***Saturdays**

Ely, Market Street (Stop B)	<i>dep</i>	13:15
W burton, opp Stat on Road		13:31
Cottenham, opp Brookf e d Bus ness Centre		13:38
Cottenham, nr Church C ose		13:39
Cottenham, opp Te egraph Street		13:41
Cottenham, nr Bram ey C ose		13:43
Rampton, nr K ng Street		13:47
H ston, opp Schoo H		13:59
Imp ngton, o/s V age Co ege		14:05
Imp ngton, opp H ghf e d Road	<i>arr</i>	14:10

Compiled from data for the period Mon 03-Feb-2020 to Sun 09-Feb-2020.



The information on this timetable is expected to be valid until at least 26th February 2020. Where we know of variations, before or after this date, then we show these at the top of each affected column in the table.

Direction of stops: where shown (eg: W-bound) this is the compass direction towards which the bus is pointing when it stops

Mondays to Fridays

Table with columns for stops and times. Includes 'Service Restrictions NMo' and stops like Cambridge, Emmanuel Street (Stop E1), Arbury, nr Brownlow Road, etc.

Mondays to Fridays

Table with columns for stops and times. Includes stops like Cambridge, Emmanuel Street (Stop E1), Arbury, nr Brownlow Road, etc.

Mondays to Fridays

Table with columns for stops and times. Includes stops like Cambridge, Emmanuel Street (Stop E1), Arbury, nr Brownlow Road, etc.

Saturdays

Table with columns for stops and times. Includes stops like Cambridge, Emmanuel Street (Stop E1), Arbury, nr Brownlow Road, etc.

Saturdays

Table with columns for stops and times. Includes stops like Cambridge, Emmanuel Street (Stop E1), Arbury, nr Brownlow Road, etc.

Sundays

Table with columns for stops and times. Includes stops like Cambridge, Emmanuel Street (Stop E1), Arbury, nr Brownlow Road, etc.

Service Restrictions: NMo - Not Mondays



The information on this timetable is expected to be valid until at least 26th February 2020. Where we know of variations, before or after this date, then we show these at the top of each affected column in the table.

Direction of stops: where shown (eg: W-bound) this is the compass direction towards which the bus is pointing when it stops

Mondays to Fridays

Rampton, opp King Street	—	—	—	0704	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cottenham, nr Victory Way	0551	0611	0631	0651	0711	0731	0751	0816	0836	0856	0916	0936	0956	1016	1031	1051	1111	1131	
Cottenham, opp Telegraph Street	0553	0613	0633	0653	0713	0733	0753	0818	0838	0858	0918	0938	0958	1018	1033	1053	1113	1133	
Impington, o/s Village College	0608	0628	0648	0708	0728	0748	0808	0833	0853	0913	0933	0953	1013	1033	1048	1108	1128	1148	
Arbury, opp Brownlow Road	0618	0638	0658	0718	0748	0808	0828	0853	0913	0933	0953	1008	1023	1043	1058	1118	1138	1158	
Cambridge, Emmanuel Street (Stop E1)	0632	0652	0712	0735	0805	0825	0845	0910	0930	0950	1010	1022	1037	1057	1112	1132	1152	1212	

Mondays to Fridays

Cottenham, nr Victory Way	1151	1211	1231	1251	1311	1331	1351	1411	1431	1451	1511	1536	1556	1616	1636	1656	1716	1736
Cottenham, opp Telegraph Street	1153	1213	1233	1253	1313	1333	1353	1413	1433	1453	1513	1538	1558	1618	1638	1658	1718	1738
Impington, o/s Village College	1208	1228	1248	1308	1328	1348	1408	1428	1448	1508	1528	1553	1613	1633	1653	1713	1733	1753
Arbury, opp Brownlow Road	1218	1238	1258	1318	1338	1358	1418	1438	1458	1518	1538	1603	1623	1643	1703	1723	1743	1803
Cambridge, Emmanuel Street (Stop E1)	1232	1252	1312	1332	1352	1412	1432	1452	1512	1532	1552	1617	1637	1657	1717	1737	1757	1817

Mondays to Fridays

	Notes																		*
Cottenham, nr Victory Way		1756	1816	1836	1921	1951	2051	2151	2251	2351									
Cottenham, opp Telegraph Street		1758	1818	1838	1923	1953	2053	2153	2253	2353									
Impington, o/s Village College		1813	1833	1853	1936	2006	2106	2206	2306	0006									
Arbury, opp Brownlow Road		1823	1843	1903	1944	2014	2114	2214	2314	0014									
Cambridge, Emmanuel Street (Stop E1)		1837	1857	1917	1956	2026	2126	2226	2326	0026									

Saturdays

	Notes																		*
Cottenham, nr Victory Way		0631	0651	0711	then at	11	31	51		1751	1811	1831	1921	1951	2051	2151	2251	2351	
Cottenham, opp Telegraph Street		0633	0653	0713	these	13	33	53		1753	1813	1833	1923	1953	2053	2153	2253	2353	
Impington, o/s Village College		0648	0708	0728	mins past	28	48	08	until	1808	1828	1848	1936	2006	2106	2206	2306	0006	
Arbury, opp Brownlow Road		0658	0718	0738	each	38	58	18		1818	1838	1858	1944	2014	2114	2214	2314	0014	
Cambridge, Emmanuel Street (Stop E1)		0712	0732	0752	hour	52	12	32		1832	1852	1912	1956	2026	2126	2226	2326	0026	

Sundays

Cottenham, nr Victory Way	0907	then at	07	37	1737
Cottenham, opp Telegraph Street	0909	these	09	39	1739
Impington, o/s Village College	0924	mins past	24	54	1754
Arbury, opp Brownlow Road	0934	each	34	04	1804
Cambridge, Emmanuel Street (Stop E1)	0951	hour	51	21	1821

Notes: * - Part or all of this journey operates in the morning of the following day



For times of the next departures from a particular stop you can use **traveline-txt** - by sending the SMS code to **84268**. Add the service number after the code if you just want a specific service - eg: **buctdgt 60**. The return message from **traveline-txt** will show the next three departures, and it currently costs 25p plus any message sending charge. Departure times will be real-time predictions where available, or scheduled departure times if not.

You can also get the same information by using the SMS code at www.nextbuses.mobi (only normal browsing charges apply) or through several iPhone or Android apps that offer access to **NextBuses**.

NOTE: SMS codes are different in each direction. Make sure you choose the right direction from these lists.

SMS Code	Stop Name	Street	ATCO Code
CMBGJPWM	Cambridge, Emmanuel Street (Stop E1)	Emmanuel Street	0500CCITY487
CMBDAJDM	Cambridge, opp Christ's College	Hobson Street	0500CCITY111
CMBDAJDJ	Cambridge, o/s Jesus College	Victoria Avenue	0500CCITY110
CMBDADAT	Cambridge, opp Victoria Park	Victoria Road	0500CCITY006
CMBDADMW	Cambridge, opp Garden Walk	Victoria Road	0500CCITY029
CMBDAGTJ	Cambridge, Histon Road Corner (N-bound)	Histon Road	0500CCITY089
CMBDAGMJ	Chesterton, opp Linden Close	Histon Road	0500CCITY075
CMBDAGWM	Cambridge, opp Akeman Street	Histon Road	0500CCITY097
CMBDADAM	Chesterton, opp Gilbert Road	Histon Road	0500CCITY004
CMBDADAW	Arbury, nr Carisbrooke Road	Histon Road	0500CCITY007
CMBDGATG	Arbury, nr Brownlow Road	Histon Road	0500CCITY385
CMBGADPT	Arbury, nr Blackhall Road	Cambridge Road	0500SIMPI006
CMBGADPJ	Impington, nr Highfield Road	Cambridge Road	0500SIMPI004
CMBGADWG	Impington, opp Pepys Terrace	Cambridge Road	0500SIMPI017
CMBDWTPJ	Impington, nr Chivers Way	Station Road	0500SHIST004
CMBDWTPM	Histon, nr Poplar Road	Station Road	0500SHIST005
CMBGADWT	Impington, nr Macfarlane Close	New Road	0500SIMPI021
CMBGADPM	Impington, opp Village College	New Road	0500SIMPI005
CMBGADWA	Impington, nr Hereward Close	Impington Lane	0500SIMPI015
CMBGADAM	Histon, nr Station Road	High Street	0500SHIST018
CMBDWTFP	Histon, nr School Hill	High Street	0500SHIST013
CMBDWTFM	Histon, opp Winders Lane	Church Street	0500SHIST012
CMBDWTFJ	Histon, nr Barrowcrofts	Cottenham Road	0500SHIST011
CMBDWTFD	Histon, opp Parlour Close	Cottenham Road	0500SHIST009
CMBGADAJ	Histon, opp Glebe Way	Cottenham Road	0500SHIST017
CMBGADAP	Histon, o/s 123 Cottenham Road	Cottenham Road	0500SHIST019
CMBDWTFD	Histon, opp Bromlea	Cottenham Road	0500SHIST002
CMBDWAMP	Cottenham, opp Apple Tree Close	Histon Road	0500SCOTT014
CMBDWATA	Cottenham, opp Pastures	Histon Road	0500SCOTT024
CMBDWAJT	Cottenham, opp Between Close Drove	Histon Road	0500SCOTT008
CMBDWAJP	Cottenham, opp Bramley Close	High Street	0500SCOTT007
CMBDWAWA	Cottenham, opp Denmark Road	High Street	0500SCOTT031
CMBDWAWD	Cottenham, nr Telegraph Street	Denmark Road	0500SCOTT032
CMBDWAJP	Cottenham, nr Lambs Lane	High Street	0500SCOTT023
CMBDWAJP	Cottenham, opp Rooks Street	High Street	0500SCOTT019
CMBDWAJP	Cottenham, nr Broad Lane	High Street	0500SCOTT018
CMBDWAJP	Cottenham, nr Ivatt Street	High Street	0500SCOTT017
CMBDWAJP	Cottenham, opp Church Close	High Street	0500SCOTT021
CMBDWAJP	Cottenham, nr Brookfield Business Centre	Twenty Pence Road	0500SCOTT016
CMBDJMGT	Wilburton, opp Carpond Lane	High Street	0500EWILB007
CMBDJMGT	Wilburton, o/s 57 High Street	High Street	0500EWILB008
CMBDGWDG	Haddenham, opp Hinton View	Hop Row	0500EHADM009
CMBDGWAT	Haddenham, nr Northumbria Close	Station Road	0500EHADM006
CMBDJGWJ	Witcham Toll, opp The Slade	Ely Road	0500EWENT002
CMBDJGPD	Sutton, opp The Chestnuts	Ely Road	0500ESUTT009
CMBDJGMA	Sutton, opp Park Road	Ely Road	0500ESUTT001
CMBDJGPA	Sutton, nr Vermuyden Gardens	The Brook	0500ESUTT008
CMBDJGMW	Sutton, opp Brookside	The Brook	0500ESUTT007
CMBDJGMT	Sutton, nr The Brook	High Street	0500ESUTT006
CMBDJGMD	Sutton, opp Windmill Lane	High Street	0500ESUTT002
CMBGMPDG	Mepal, opp Iretons Way	Iretons Way	0500EMEPA009
CMBGMPDJ	Mepal, o/s Mepal Outdoor Centre	Iretons Way	0500EMEPA010
CMBGMJDA	Chatteris, nr Wenny Estate	Wenny Road	0500FCHAT030
CMBDJJPM	Chatteris, o/s Cromwell Community College	Wenny Road	0500FCHAT029
CMBDJJDA	Chatteris, East Park Street (NW-bound)	East Park Street	0500FCHAT002
CMBDWAJP	Cottenham, opp Victory Way	Lambs Lane	0500SCOTT036
CMBDWAJP	Cottenham, opp Manse Drive	Lambs Lane	0500SCOTT022
CMBDWAJP	Cottenham, opp Allotment Gardens	Rampton Road	0500SCOTT012
CMBDWAJP	Cottenham, o/s 137 Rampton Road	Rampton Road	0500SCOTT027
CMBGAPJD	Rampton, nr King Street	The Green	0500SRAMP001
CMBDWAJP	Cottenham, opp The Green	High Street	0500SCOTT005
CMBDWAJP	Cottenham, nr Oakington Road	Rampton Road	0500SCOTT004
CMBDWAJP	Cottenham, nr Manse Drive	Lambs Lane	0500SCOTT028
CMBDWAJP	Cottenham, nr Victory Way	Lambs Lane	0500SCOTT033
CMBDWAJP	Cottenham, opp Lambs Lane	High Street	0500SCOTT011
CMBDWAJP	Cottenham, opp Telegraph Street	Denmark Road	0500SCOTT025
CMBDJGPT	Chatteris, nr King Edward Road	High Street	0500FCHAT014
CMBGMPAD	Chatteris, nr Ash Grove	High Street	0500FCHAT032
CMBDJPDW	Chatteris, opp Dock Road	Bridge Street	0500FCHAT008
CMBDJPDJ	Chatteris, nr Fenland Way	Bridge Street	0500FCHAT006
CMBDJPDJ	Chatteris, opp Little Curf Drove	Doddington Road	0500FCHAT026
CMBDJPDG	Chatteris, o/s 19 Doddington Road	Doddington Road	0500FCHAT003
CMBDJPDT	Chatteris, nr Forty Foot Bank	Doddington Road	0500FCHAT007
CMBDJPMW	Doddington, opp Howmoor Farm	Primrose Hill	0500FDODD006
CMBDJPMG	Doddington, o/s Primrose Cottage	Primrose Hill	0500FDODD002
CMBGMDJM	Doddington, o/s 9 Primrose Hill	Primrose Hill	0500FDODD025
CMBDJPMJ	Doddington, opp Cook's Green	Newgate Street	0500FDODD001
CMBGMDJG	Doddington, adj Thistedown	New Street	0500FDODD024

Continued on next page.

**Continued from previous page.**

For times of the next departures from a particular stop you can use **traveline-txt** - by sending the SMS code to **84268**. Add the service number after the code if you just want a specific service - eg: **buctdgt 60**. The return message from **traveline-txt** will show the next three departures, and it currently costs 25p plus any message sending charge. Departure times will be real-time predictions where available, or scheduled departure times if not.

You can also get the same information by using the SMS code at www.nextbuses.mobi (only normal browsing charges apply) or through several iPhone or Android apps that offer access to **NextBuses**.

NOTE: SMS codes are different in each direction. Make sure you choose the right direction from these lists.

SMS Code	Stop Name	Street	ATCO Code
CMBDJPTW	Doddington, opp Ingle's Lane	High Street	0500FDODD014
CMBDJPTD	Doddington, opp Childs Lane	Wimblington Road	0500FDODD008
-	Doddington, Wimblington Road Hail & Ride (E-bound)	Wimblington Road	0500FDODD015
CMBDMGJW	Wimblington, opp Brickmaker's Arms Lane	Doddington Road	0500FWIMB012
CMBDMGDJ	Wimblington, nr Rays Court	Doddington Road	0500FWIMB001
-	Wimblington, Doddington Road Hail & Ride (N-bound)	Doddington Road	0500FWIMB015
CMBDMGJT	Wimblington, opp Chapel Lane	Doddington Road	0500FWIMB011
CMBDMGJP	Wimblington, opp Addison Road	March Road	0500FWIMB010
CMBDMGJD	Wimblington, opp Honeymead Road	March Road	0500FWIMB007
CMBDMGDM	Wimblington, opp Bridge Lane	March Road	0500FWIMB002
CMBDMGJM	Wimblington, o/s 53 March Road	March Road	0500FWIMB009
CMBGJADA	March, opp Isle Of Ely Way	Wimblington Road	0500FMARC082
CMBDJWPD	March, opp Lambs Hill Drove	Wimblington Road	0500FMARC028
CMBDJWMD	March, opp 8 Wimblington Road	Wimblington Road	0500FMARC021
CMBDJWTW	Town End, opp Neale Wade College	The Avenue	0500FMARC040
CMBGJAJM	March, opp Monument View	The Avenue	0500FMARC095
-	March, The Avenue Hail & Ride (N-bound)	The Avenue	0500FMARC087
CMBGJAWM	March, nr Causeway Close	The Causeway	0500FMARC097
CMBDJWGM	March, opp Scargell's Lane	High Street	0500FMARC009
CMBGJAGJ	March, opp Bevills Place	High Street	0500FMARC053
CMBDJWMP	March, nr Grays Lane	Broad Street	0500FMARC024



For times of the next departures from a particular stop you can use **traveline-txt** - by sending the SMS code to **84268**. Add the service number after the code if you just want a specific service - eg: **buctdgttd 60**. The return message from **traveline-txt** will show the next three departures, and it currently costs 25p plus any message sending charge. Departure times will be real-time predictions where available, or scheduled departure times if not.

You can also get the same information by using the SMS code at www.nextbuses.mobi (only normal browsing charges apply) or through several iPhone or Android apps that offer access to **NextBuses**.

NOTE: SMS codes are different in each direction. Make sure you choose the right direction from these lists.

SMS Code	Stop Name	Street	ATCO Code
CMBGAPJG	Rampton, opp King Street	The Green	0500SRAMP002
CMBDWATG	Cottenham, opp 137 Rampton Road	Rampton Road	0500SCOTT026
CMBDWAWT	Cottenham, nr Allotment Gardens	Rampton Road	0500SCOTT037
CMBDWATM	Cottenham, nr Manse Drive	Lambs Lane	0500SCOTT028
CMBDWAWG	Cottenham, nr Victory Way	Lambs Lane	0500SCOTT033
CMBDWAMD	Cottenham, opp Lambs Lane	High Street	0500SCOTT011
CMBDWATD	Cottenham, opp Telegraph Street	Denmark Road	0500SCOTT025
CMBDWATW	Cottenham, nr Denmark Road	High Street	0500SCOTT030
CMBDWAMJ	Cottenham, nr Bramley Close	High Street	0500SCOTT013
CMBDWAJW	Cottenham, nr Between Close Drove	Histon Road	0500SCOTT009
CMBDWAMA	Cottenham, nr Pastures	Histon Road	0500SCOTT010
CMBDWAGW	Cottenham, nr Apple Tree Close	Histon Road	0500SCOTT002
CMBDWTGP	Histon, nr Bromlea	Cottenham Road	0500SHIST003
CMBDWTWA	Histon, o/s 132 Cottenham Road	Cottenham Road	0500SHIST008
CMBGADAG	Histon, nr Glebe Way	Cottenham Road	0500SHIST016
CMBGADAD	Histon, nr Parlour Close	Cottenham Road	0500SHIST015
CMBDWTWG	Histon, opp Barrowcrofts	Cottenham Road	0500SHIST010
CMBGADAT	Histon, nr Winders Lane	Church Street	0500SHIST020
CMBDWTPA	Histon, opp School Hill	High Street	0500SHIST001
CMBDWTWT	Histon, opp Station Road	High Street	0500SHIST014
CMBGADPD	Impington, opp Hereward Close	Impington Lane	0500SIMPI002
CMBGADPG	Impington, o/s Village College	New Road	0500SIMPI003
CMBGADWP	Impington, opp Maclarlane Close	New Road	0500SIMPI020
CMBGADTM	Histon, opp Poplar Road	Station Road	0500SIMPI012
CMBGADWM	Impington, opp Chivers Way	Station Road	0500SIMPI019
CMBGADWJ	Impington, nr Pepys Terrace	Cambridge Road	0500SIMPI018
CMBGADWD	Impington, opp Highfield Road	Cambridge Road	0500SIMPI016
CMBGJDAG	Arbury, opp Blackhall Road	Cambridge Road	0500SIMPI022
CMBDGAPT	Arbury, opp Brownlow Road	Histon Road	0500CCITY381
CMBDADGW	Arbury, opp Carisbrooke Road	Histon Road	0500CCITY015
CMBDADAP	Chesterton, nr Gilbert Road	Histon Road	0500CCITY005
CMBDADJD	Cambridge, nr Akeman Street	Histon Road	0500CCITY017
CMBDAGMD	Chesterton, nr Linden Close	Histon Road	0500CCITY073
CMBDADGA	Cambridge, nr Histon Road Corner	Victoria Road	0500CCITY008
CMBDADPD	Cambridge, nr Garden Walk	Victoria Road	0500CCITY031
CMBDAGWD	Cambridge, nr Victoria Park	Victoria Road	0500CCITY094
CMBDAGWG	Cambridge, nr Green's Road	Victoria Road	0500CCITY095
CMBDAJDG	Cambridge, opp Jesus College	Victoria Avenue	0500CCITY109
CMBGJPWM	Cambridge, Emmanuel Street (Stop E1)	Emmanuel Street	0500CCITY487



Appendix D – TRICS Assessment

Calculation Reference: AUDIT-743101-200219-0249

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	2 days
	HF HERTFORDSHIRE	1 days
	KC KENT	2 days
	SC SURREY	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	SM SOMERSET	3 days
04	EAST ANGLIA	
	NF NORFOLK	4 days
	SF SUFFOLK	2 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
	WM WEST MIDLANDS	1 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	DH DURHAM	2 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: 10 to 288 (units:)
 Range Selected by User: 10 to 288 (units:)

Parking Spaces Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/11 to 23/09/19

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

Selected survey days:

Monday	5 days
Tuesday	4 days
Wednesday	7 days
Thursday	2 days
Friday	3 days

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

Selected survey types:

Manual count	21 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	16
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	18
Village	3

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

Secondary Filtering selection:

Use Class:

C3 21 days

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

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	4 days
5,001 to 10,000	6 days
10,001 to 15,000	4 days
15,001 to 20,000	4 days
20,001 to 25,000	1 days
25,001 to 50,000	1 days

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

Population within 5 miles:

5,001 to 25,000	3 days
25,001 to 50,000	3 days
50,001 to 75,000	4 days
75,001 to 100,000	5 days
125,001 to 250,000	5 days
250,001 to 500,000	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	6 days
1.1 to 1.5	13 days
1.6 to 2.0	2 days

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

Travel Plan:

Yes	9 days
No	12 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	21 days
-----------------	---------

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

LIST OF SITES relevant to selection parameters

1	CH-03-A-10 MEADOW DRIVE NORTHWICH BARNTON Edge of Town Residential Zone Total Number of dwellings: 40 <i>Survey date: TUESDAY 04/06/19</i>	SEMI -DETACHED & TERRACED	CHESHIRE	<i>Survey Type: MANUAL</i>
2	DH-03-A-02 LEAZES LANE BISHOP AUCKLAND ST HELEN AUCKLAND Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 125 <i>Survey date: MONDAY 27/03/17</i>	MIXED HOUSES	DURHAM	<i>Survey Type: MANUAL</i>
3	DH-03-A-03 PILGRIMS WAY DURHAM Edge of Town Residential Zone Total Number of dwellings: 57 <i>Survey date: FRIDAY 19/10/18</i>	SEMI -DETACHED & TERRACED	DURHAM	<i>Survey Type: MANUAL</i>
4	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS Edge of Town Residential Zone Total Number of dwellings: 39 <i>Survey date: TUESDAY 13/11/18</i>	TERRACED & SEMI -DETACHED	HAMPSHIRE	<i>Survey Type: MANUAL</i>
5	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE Edge of Town Residential Zone Total Number of dwellings: 40 <i>Survey date: WEDNESDAY 31/10/18</i>	MIXED HOUSES	HAMPSHIRE	<i>Survey Type: MANUAL</i>
6	HF-03-A-03 HARE STREET ROAD BUNTINGFORD Edge of Town Residential Zone Total Number of dwellings: 160 <i>Survey date: MONDAY 08/07/19</i>	MIXED HOUSES	HERTFORDSHIRE	<i>Survey Type: MANUAL</i>
7	KC-03-A-04 KILN BARN ROAD AYLESFORD DITTON Edge of Town Residential Zone Total Number of dwellings: 110 <i>Survey date: FRIDAY 22/09/17</i>	SEMI -DETACHED & TERRACED	KENT	<i>Survey Type: MANUAL</i>
8	KC-03-A-07 RECVLVER ROAD HERNE BAY Edge of Town Residential Zone Total Number of dwellings: 288 <i>Survey date: WEDNESDAY 27/09/17</i>	MIXED HOUSES	KENT	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

9	NF-03-A-03 HALING WAY THETFORD	DETACHED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		10	
	<i>Survey date: WEDNESDAY</i>		<i>16/09/15</i>	<i>Survey Type: MANUAL</i>
10	NF-03-A-04 NORTH WALSHAM ROAD NORTH WALSHAM	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		70	
	<i>Survey date: WEDNESDAY</i>		<i>18/09/19</i>	<i>Survey Type: MANUAL</i>
11	NF-03-A-05 HEATH DRIVE HOLT	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		40	
	<i>Survey date: THURSDAY</i>		<i>19/09/19</i>	<i>Survey Type: MANUAL</i>
12	NF-03-A-06 BEAUFORT WAY GREAT YARMOUTH BRADWELL	MIXED HOUSES		NORFOLK
	Edge of Town Residential Zone Total Number of dwellings:		275	
	<i>Survey date: MONDAY</i>		<i>23/09/19</i>	<i>Survey Type: MANUAL</i>
13	SC-03-A-05 REIGATE ROAD HORLEY	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total Number of dwellings:		207	
	<i>Survey date: MONDAY</i>		<i>01/04/19</i>	<i>Survey Type: MANUAL</i>
14	SF-03-A-05 VALE LANE BURY ST EDMUNDS	DETACHED HOUSES		SUFFOLK
	Edge of Town Residential Zone Total Number of dwellings:		18	
	<i>Survey date: WEDNESDAY</i>		<i>09/09/15</i>	<i>Survey Type: MANUAL</i>
15	SF-03-A-06 BURY ROAD KENTFORD	DETACHED & SEMI-DETACHED		SUFFOLK
	Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings:		38	
	<i>Survey date: FRIDAY</i>		<i>22/09/17</i>	<i>Survey Type: MANUAL</i>
16	SM-03-A-01 WEMBDON ROAD BRIDGWATER NORTHFIELD	DETACHED & SEMI		SOMERSET
	Edge of Town Residential Zone Total Number of dwellings:		33	
	<i>Survey date: THURSDAY</i>		<i>24/09/15</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

17	SM-03-A-02	MIXED HOUSES	SOMERSET
	HYDE LANE NEAR TAUNTON CREECH SAINT MICHAEL Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 42 <i>Survey date: TUESDAY 25/09/18</i>		
	<i>Survey Type: MANUAL</i>		
18	SM-03-A-03	MIXED HOUSES	SOMERSET
	HYDE LANE NEAR TAUNTON CREECH ST MICHAEL Neighbourhood Centre (PPS6 Local Centre) Village Total Number of dwellings: 41 <i>Survey date: TUESDAY 25/09/18</i>		
	<i>Survey Type: MANUAL</i>		
19	ST-03-A-07	DETACHED & SEMI-DETACHED	STAFFORDSHIRE
	BEACONSIDE STAFFORD MARSTON GATE Edge of Town Residential Zone Total Number of dwellings: 248 <i>Survey date: WEDNESDAY 22/11/17</i>		
	<i>Survey Type: MANUAL</i>		
20	WM-03-A-04	TERRACED HOUSES	WEST MIDLANDS
	OSBORNE ROAD COVENTRY EARLSDON Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 39 <i>Survey date: MONDAY 21/11/16</i>		
	<i>Survey Type: MANUAL</i>		
21	WS-03-A-10	MIXED HOUSES	WEST SUSSEX
	TODDINGTON LANE LITTLEHAMPTON WICK Edge of Town Residential Zone Total Number of dwellings: 79 <i>Survey date: WEDNESDAY 07/11/18</i>		
	<i>Survey Type: MANUAL</i>		

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.094	21	95	0.308	21	95	0.402
08:00 - 09:00	21	95	0.146	21	95	0.364	21	95	0.510
09:00 - 10:00	21	95	0.137	21	95	0.181	21	95	0.318
10:00 - 11:00	21	95	0.120	21	95	0.143	21	95	0.263
11:00 - 12:00	21	95	0.116	21	95	0.149	21	95	0.265
12:00 - 13:00	21	95	0.144	21	95	0.142	21	95	0.286
13:00 - 14:00	21	95	0.150	21	95	0.139	21	95	0.289
14:00 - 15:00	21	95	0.172	21	95	0.177	21	95	0.349
15:00 - 16:00	21	95	0.279	21	95	0.173	21	95	0.452
16:00 - 17:00	21	95	0.273	21	95	0.160	21	95	0.433
17:00 - 18:00	21	95	0.335	21	95	0.139	21	95	0.474
18:00 - 19:00	21	95	0.283	21	95	0.155	21	95	0.438
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.249			2.230			4.479

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.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected: 10 - 288 (units:)
 Survey date range: 01/01/11 - 23/09/19
 Number of weekdays (Monday-Friday): 21
 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

TAXI S

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.004	21	95	0.003	21	95	0.007
08:00 - 09:00	21	95	0.004	21	95	0.004	21	95	0.008
09:00 - 10:00	21	95	0.003	21	95	0.003	21	95	0.006
10:00 - 11:00	21	95	0.002	21	95	0.003	21	95	0.005
11:00 - 12:00	21	95	0.000	21	95	0.001	21	95	0.001
12:00 - 13:00	21	95	0.002	21	95	0.002	21	95	0.004
13:00 - 14:00	21	95	0.002	21	95	0.002	21	95	0.004
14:00 - 15:00	21	95	0.002	21	95	0.002	21	95	0.004
15:00 - 16:00	21	95	0.003	21	95	0.004	21	95	0.007
16:00 - 17:00	21	95	0.003	21	95	0.003	21	95	0.006
17:00 - 18:00	21	95	0.004	21	95	0.003	21	95	0.007
18:00 - 19:00	21	95	0.002	21	95	0.003	21	95	0.005
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.031			0.033			0.064

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
OGVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.003	21	95	0.002	21	95	0.005
08:00 - 09:00	21	95	0.003	21	95	0.003	21	95	0.006
09:00 - 10:00	21	95	0.006	21	95	0.005	21	95	0.011
10:00 - 11:00	21	95	0.003	21	95	0.002	21	95	0.005
11:00 - 12:00	21	95	0.002	21	95	0.004	21	95	0.006
12:00 - 13:00	21	95	0.003	21	95	0.004	21	95	0.007
13:00 - 14:00	21	95	0.003	21	95	0.002	21	95	0.005
14:00 - 15:00	21	95	0.002	21	95	0.003	21	95	0.005
15:00 - 16:00	21	95	0.003	21	95	0.003	21	95	0.006
16:00 - 17:00	21	95	0.003	21	95	0.003	21	95	0.006
17:00 - 18:00	21	95	0.004	21	95	0.002	21	95	0.006
18:00 - 19:00	21	95	0.002	21	95	0.002	21	95	0.004
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.037			0.035			0.072

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

PSVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.003	21	95	0.003	21	95	0.006
08:00 - 09:00	21	95	0.001	21	95	0.001	21	95	0.002
09:00 - 10:00	21	95	0.002	21	95	0.002	21	95	0.004
10:00 - 11:00	21	95	0.002	21	95	0.002	21	95	0.004
11:00 - 12:00	21	95	0.001	21	95	0.001	21	95	0.002
12:00 - 13:00	21	95	0.001	21	95	0.001	21	95	0.002
13:00 - 14:00	21	95	0.002	21	95	0.002	21	95	0.004
14:00 - 15:00	21	95	0.001	21	95	0.001	21	95	0.002
15:00 - 16:00	21	95	0.002	21	95	0.002	21	95	0.004
16:00 - 17:00	21	95	0.001	21	95	0.001	21	95	0.002
17:00 - 18:00	21	95	0.002	21	95	0.002	21	95	0.004
18:00 - 19:00	21	95	0.001	21	95	0.001	21	95	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.019			0.019			0.038

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

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

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

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.007	21	95	0.006	21	95	0.013
08:00 - 09:00	21	95	0.011	21	95	0.021	21	95	0.032
09:00 - 10:00	21	95	0.001	21	95	0.006	21	95	0.007
10:00 - 11:00	21	95	0.003	21	95	0.004	21	95	0.007
11:00 - 12:00	21	95	0.003	21	95	0.007	21	95	0.010
12:00 - 13:00	21	95	0.007	21	95	0.005	21	95	0.012
13:00 - 14:00	21	95	0.002	21	95	0.002	21	95	0.004
14:00 - 15:00	21	95	0.006	21	95	0.003	21	95	0.009
15:00 - 16:00	21	95	0.006	21	95	0.008	21	95	0.014
16:00 - 17:00	21	95	0.017	21	95	0.009	21	95	0.026
17:00 - 18:00	21	95	0.013	21	95	0.011	21	95	0.024
18:00 - 19:00	21	95	0.007	21	95	0.004	21	95	0.011
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.083			0.086			0.169

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
CARS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.068	21	95	0.274	21	95	0.342
08:00 - 09:00	21	95	0.121	21	95	0.330	21	95	0.451
09:00 - 10:00	21	95	0.104	21	95	0.145	21	95	0.249
10:00 - 11:00	21	95	0.094	21	95	0.117	21	95	0.211
11:00 - 12:00	21	95	0.096	21	95	0.119	21	95	0.215
12:00 - 13:00	21	95	0.121	21	95	0.121	21	95	0.242
13:00 - 14:00	21	95	0.119	21	95	0.115	21	95	0.234
14:00 - 15:00	21	95	0.142	21	95	0.150	21	95	0.292
15:00 - 16:00	21	95	0.252	21	95	0.143	21	95	0.395
16:00 - 17:00	21	95	0.242	21	95	0.134	21	95	0.376
17:00 - 18:00	21	95	0.294	21	95	0.120	21	95	0.414
18:00 - 19:00	21	95	0.269	21	95	0.140	21	95	0.409
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.922			1.908			3.830

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
 LGVS

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.018	21	95	0.027	21	95	0.045
08:00 - 09:00	21	95	0.018	21	95	0.025	21	95	0.043
09:00 - 10:00	21	95	0.023	21	95	0.027	21	95	0.050
10:00 - 11:00	21	95	0.020	21	95	0.020	21	95	0.040
11:00 - 12:00	21	95	0.017	21	95	0.024	21	95	0.041
12:00 - 13:00	21	95	0.016	21	95	0.015	21	95	0.031
13:00 - 14:00	21	95	0.026	21	95	0.020	21	95	0.046
14:00 - 15:00	21	95	0.022	21	95	0.020	21	95	0.042
15:00 - 16:00	21	95	0.018	21	95	0.022	21	95	0.040
16:00 - 17:00	21	95	0.020	21	95	0.019	21	95	0.039
17:00 - 18:00	21	95	0.032	21	95	0.013	21	95	0.045
18:00 - 19:00	21	95	0.012	21	95	0.009	21	95	0.021
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.242			0.241			0.483

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
MOTOR CYCLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	21	95	0.001	21	95	0.002	21	95	0.003
08:00 - 09:00	21	95	0.001	21	95	0.003	21	95	0.004
09:00 - 10:00	21	95	0.001	21	95	0.001	21	95	0.002
10:00 - 11:00	21	95	0.001	21	95	0.000	21	95	0.001
11:00 - 12:00	21	95	0.001	21	95	0.001	21	95	0.002
12:00 - 13:00	21	95	0.001	21	95	0.001	21	95	0.002
13:00 - 14:00	21	95	0.000	21	95	0.001	21	95	0.001
14:00 - 15:00	21	95	0.002	21	95	0.002	21	95	0.004
15:00 - 16:00	21	95	0.001	21	95	0.001	21	95	0.002
16:00 - 17:00	21	95	0.004	21	95	0.003	21	95	0.007
17:00 - 18:00	21	95	0.002	21	95	0.001	21	95	0.003
18:00 - 19:00	21	95	0.001	21	95	0.001	21	95	0.002
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.016			0.017			0.033

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.*