



Proposed Residential Development
Land off Cody Road
Waterbeach
Cambridgeshire

Transport Statement

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rg+p drawing no. 7777 001L
- C Local Facilities Plan
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- D Bus Route Map and Timetables
- E Person Trips TRICS Data

1.0 Introduction

1.1 Background

1.1.1 This Transport Statement has been prepared by JPP Consulting Limited on behalf of Manor Oak Homes to support a detailed planning application for 60 residential dwellings. The benefit of this report is limited to our instructing Client.

1.1.2 The proposed residential development is located towards the northern edge of Waterbeach off Cody Road as shown on the location plan below in Figure 1 and enclosed in Appendix A. The proposed development is bound by existing residential developments to the south, west and north and agricultural land to the east.

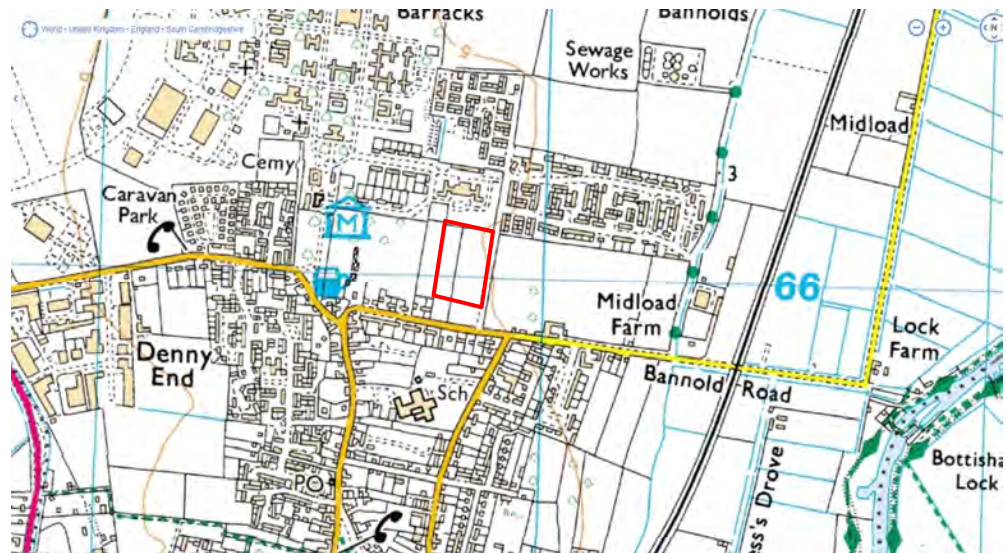


Figure 1: Site Location Plan

1.2 Scope of Assessment

1.2.1 The aim of the Transport Statement is to support a detailed planning application for the development of 60 residential dwellings. The proposed development layout is shown on the drawing enclosed in Appendix B.

1.2.2 This report will consider the wider highway network implications of the new development and will also focus on the sustainable credentials of the development.

1.3 Structure of Report

1.3.1 Following this introductory chapter the report is structured as follows:

- Section 2 describes the site and development proposal;
- Section 3 describes the characteristics of the existing transport network surrounding the development site;
- Section 4 describes the accessibility development site;
- Section 5 assesses the impact of the proposed development on vehicular highway network; and
- Section 6 is the report's conclusions.

2.0 Site Description and Development Proposals

2.1 Site Location

2.1.1 The proposed residential development is located towards the northern edge of Waterbeach off Cody Road as shown on the location plan below in Figure 1 and enclosed in Appendix A. The proposed development is bound by existing residential developments to the south, west and north and agricultural land to the east.

2.2 Development Description

2.2.1 The proposed development will comprise 60 residential dwellings with associated highway infrastructure and public open space. The proposed development layout is shown on the plan enclosed in Appendix B.

2.2.2 Internally the roads will comprise:

- 4.8m wide traditional road with segregated 2m wide footways on both sides of the carriageway;
- 4.8m wide shared surface with 1m wide pedestrian strips. Total width 6.8m; and
- Private Drives.

2.3 Vehicular Access

2.3.1 The proposed development will be accessed off Colton Road. Cody Road has a width of 5.4m and is bound by 1.8m wide footways on both sides of the carriageway. Cody Road is street lit and subject to a 30mph speed limit. The proposed residential development will be accessed via a new simple priority access created off Cody Road. The proposed access is shown in Appendix B.

2.4 Pedestrian and Cycle Access

2.4.1 In addition to the vehicular access the proposed residential development will provide two pedestrian links between this development and the recent constructed Levitt Lane development.

2.5 Parking

2.5.1 Car and cycle parking for the development will be provided generally following guidance provided by both South Cambridgeshire Council and Cambridgeshire County Council. The following car parking standards have been utilised throughout the development.

Cody Road, Waterbeach Parking Standards	
Bedrooms	Maximum Parking Spaces
1	1
2	1
3	2
4+	3/4

Table 2.5

3.0 Existing Conditions

3.1 Road Network

3.1.1 The existing local highway infrastructure is shown on the plan enclosed in Appendix C.

3.1.2 The proposed development will be accessed off Cody Road. Cody Road has a width of 5.4m and is bound by 1.8m wide footways on both sides of the carriageway. At the southern end Cody Road connects with Bannold Road via a simple priority junction. Bannold Road is also bound by footways of both sides of the carriageway. Both roads are subject to a 30mph speed limit and are street lit.

3.2 Pedestrian Facilities

3.2.1 The surrounding roads are typically bound by footways on both sides of the carriageway and with few exception do not provide dedicated pedestrian dropped kerbs or tactile paving.

3.3 Cycle Facilities

3.3.1 There are no dedicated existing cycling facilities within the vicinity of the proposed development.

3.4 Public Transport

3.4.1 Bus

3.4.1.1 The nearest existing bus stops for the proposed development are located on Cody Road and Bannold Road. The Cody Road bus stops are located approximately 80m from the development access whilst the Bannold Road bus stop is approximately 290m from the development. The location of the existing bus stops is shown on the facilities plan enclosed in Appendix C.

3.4.1.2 General bus service frequencies and routes of buses utilising the Cody Road and Bannold Road stops are set out in table 3.1 below. Full time table and bus route information is enclosed in Appendix D. The information provided in the tables below and the appendices was correct at the time of publication.

Summary of bus services			
Service	Route	Service Times	Day Time Frequency
9	Cambridge – Waterbeach – Ely – Littlepot – Chatteris	Mon – Sat First ≈ 0840 Last ≈ 1940	Hourly
196	Cambridge – Fen Ditton – Waterbeach	Mon – Sat First ≈ 0720 Last ≈ 1745	2 Daily each direction

Table 3.1

3.4.1.3 Bus route 196 will provide residents of the proposed development with an opportunity to commute to Cambridge for work based journeys. Bus route 9 will predominantly offer opportunities for sustainable leisure based journeys to and from Cambridge.

3.4.2 Rail

3.4.2.1 The nearest railway station is located approximately 1.4km (0.8miles) from the proposed development within Waterbeach. The railway station is served by trains operated by First Capital Connect and Greater Anglia.

3.4.2.2 First Capital Connect provides a regular southbound service to Cambridge and Kings Cross via a 30 minute service during peak periods and an hourly service during off peak periods. An hourly northbound service is provided with an ultimate destination of Kings Lynn.

3.4.2.3 Greater Anglia provides a limited commuter service operating in the AM and PM peak period only to Liverpool Street. A further hourly service is provided which operates between Cambridge, Ely, Peterborough and Norwich.

3.5 Recorded Accident Data

3.5.1 Recorded accident data was obtained from Cambridgeshire County Council’s website for the 5 year period from 1st January 2007 to 31st December 2011. During this period there were no recorded accidents within the vicinity of the proposed development. We therefore do not consider that the proposed development will result in conditions detrimental to highway safety.

4.0 Accessibility

4.1 Walking

- 4.1.1 The roads within the vicinity of the development are generally bound by footways on both sides of the carriageway and therefore ultimately provide connections for the whole of Waterbeach.
- 4.1.2 With reference to the Chartered Institution of Highways and Transportation (CIHT) publication 'Guidelines for Providing for Journeys on Foot' (2000), it is suggested that around 80% of walk journeys and walk stages are less than 1 mile (1610m). This guidance also provides 'suggested acceptable walking distances' which are set out in table 5.1 below.
- 4.1.3 Indicative walking time calculations have been calculated assuming a 'typical' walking speed of approximately 1.4m/s or 3mph. These are shown against the suggested walking distances set out in table 4.1 below.

Walking Distance and Journey Times						
	Town Centre		Commuting / School / Sight Seeing		Elsewhere	
	Distance (m)	Time (mins)	Distance (m)	Time (mins)	Distance (m)	Time (mins)
Desirable	200	2.4	500	6	400	4.8
Acceptable	400	4.8	1000	11.9	800	9.5
Preferred Maximum	800	9.5	2000	23.8	1200	14.3

Table 4.1

- 4.1.4 From the plan enclosed in Appendix C it can be seen that a significant number of facilities are located within desirable and acceptable walking distances. The proposed residential development's location therefore offers opportunities for residents to travel sustainably.

4.2 Cycling

- 4.2.1 Cycling for work journeys are generally considered acceptable up to 5km. The proposed development is located within 5km of the whole of Waterbeach. The proposed development therefore offers significant opportunities for residents to travel to and from work by bicycle.

4.3 Bus

- 4.3.1 Existing bus services are described in section 3.4.1 it can be seen that the proposed development is accessible by the number 9 and 196 bus service which predominately offer opportunities for sustainable leisure travel by bus.

4.4 Rail

- 4.4.1 The proposed development is located within walking distance of Waterbeach railway station. Waterbeach railway station offers opportunities for sustainable travel to Cambridge and London.

4.5 Summary

- 4.5.1 It can be seen that the proposed residential development has good sustainable transport links allowing residents the opportunity to travel by more sustainable forms of transport.

5.0 Vehicle Trip Impact

5.1 Person trip generation rates have been obtained from the TRICS 2013(a)v6.11.1 and are set out in table 5.1 below. Full TRICS outputs are included in Appendix G

Proposed Person Trip Generation Rate						
Mode	AM Peak (0800-0900)			PM Peak (1700-1800)		
	Arrivals	Departures	Total	Arrivals	Departures	Total
Person Trips per dwelling	0.254	0.837	1.091	0.620	0.382	1.002

Table 5.1

5.2 From the above vehicle trip rates the number of person trips for the proposed development can be calculated based on a development size of 60 dwellings. The predicted person trip numbers from the proposed development are set out in table 5.2 below.

Proposed Person Trips						
Mode	AM Peak (0800-0900)			PM Peak (1700-1800)		
	Arrivals	Departures	Total	Arrivals	Departures	Total
Person Trips	15	50	65	37	23	60

Table 5.2

5.3 Travel to work data for the resident population of Waterbeach has been obtained from the 2011 Census and is set out below in table 5.3

Method of Travel to Work Resident Population – Waterbeach Ward 2011 Census	
Mode	Percentage
Driving a car or van	55.1%
On foot	16.2%
Bicycle	13.3%
Train	7.2%
Passenger in a car or van	3.8%
Bus, minibus or coach	3.3%
Motorcycle, scooter or moped	1.1%

Table 5.3

5.4 Based on the above person trip rates and modes of travel vehicle trip rates for the proposed residential development have been calculated and are shown in table 5.4 below.

Proposed Vehicle Trips						
Mode	AM Peak (0800-0900)			PM Peak (1700-1800)		
	Arrivals	Departures	Total	Arrivals	Departures	Total
Person Trips	8	28	36	20	13	33

Table 5.4

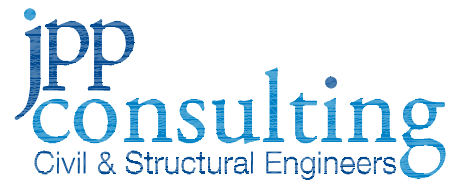
- 5.6 The proposed development is predicted to generate 36 new vehicle trips in the morning peak period and 33 vehicle trips in the evening peak period. This equates to approximately 1 new trip every 1.8 minutes or every 110 seconds.
- 5.7 It is unlikely that this small number of new vehicle trips will result in a significant adverse impact on the surrounding highway infrastructure once the vehicle trips are dispersed on the surrounding highway infrastructure.

7.0 Conclusions

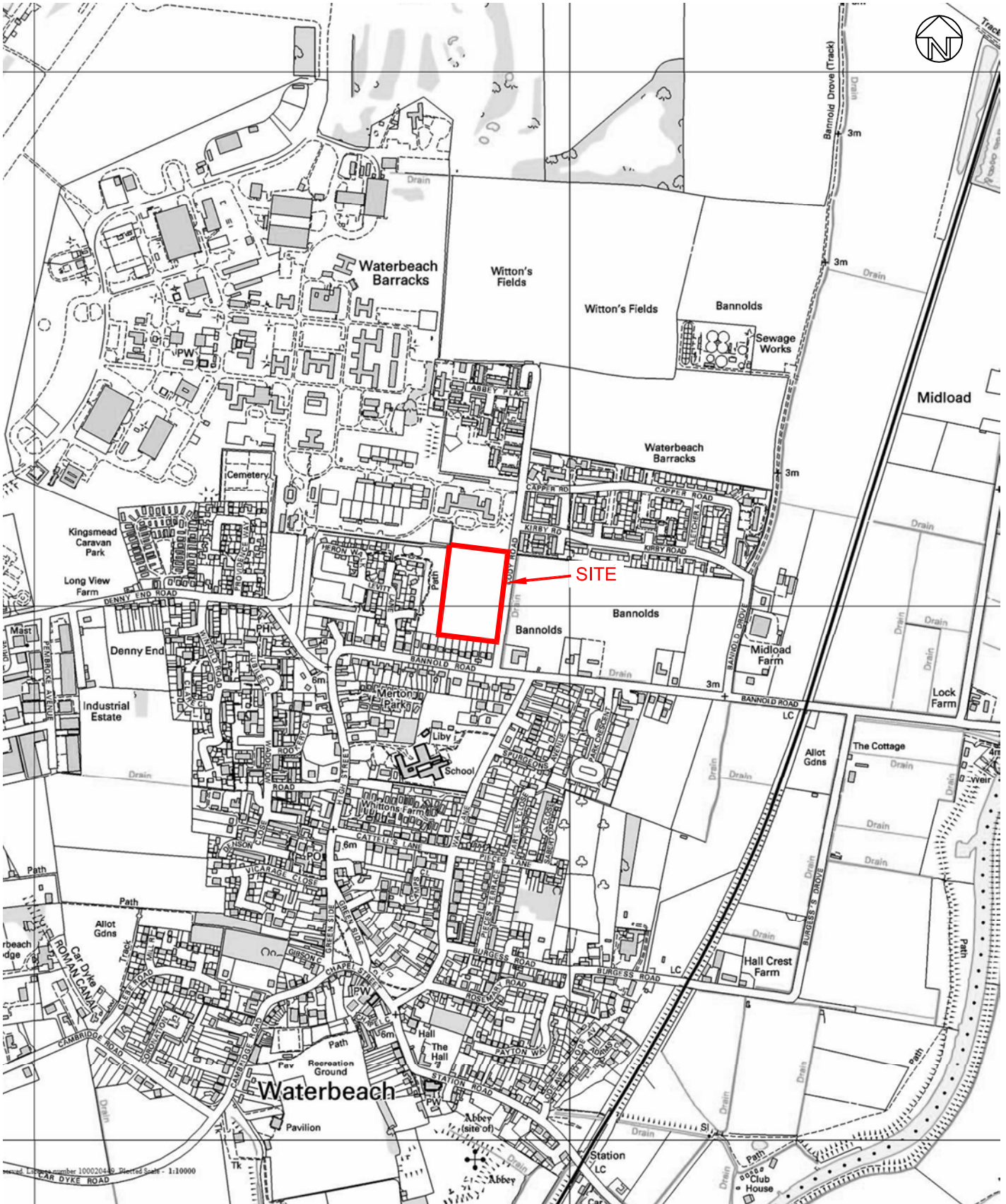
- 7.1 The proposed residential development is located towards the northern edge of Waterbeach off Cody Road. The proposed development will comprise 60 residential dwellings with associated highway infrastructure and public open space.
- 7.2 The proposed development is shown to be well served and accessible to more sustainable modes of transport. The proposed development is within close proximity of a significant number of facilities required by residential dwellings.
- 7.3 The proposed development is not predicted to have an adverse impact on the surrounding highway infrastructure.
- 7.4 There are therefore no reasons on highway grounds why planning permission for the present development should not be granted.

Appendix A
Site Location Plan
JPP drawing no. Q6343PP-TA01

Client	MANOR OAK HOMES		Date	FEBRUARY 2013	
Project	PROPOSED RESIDENTIAL DEVELOPMENT CODY ROAD, WATERBEACH		Drawn by	MJA	
Title	SITE PLAN		Checked by		
Project ref	Q6343PP	Drawing no.	TA01	Revision	
				Scale at A4	1:10000



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Appendix B
Site Plan
rg+p drawing no. 7777 001L



Revision: _____ Date: _____

- A YG Site layout updated 19-12-12
- B YG Site layout updated 07-01-13
- C YG Flats repositioned 15-01-13
- D YG Flats repositioned 15-01-13
- E YG Flats repositioned 15-01-13
- F YG Clients comments incorporated 21-01-13
- G YG Footpaths shown 24-01-13
- H YG Clients comments incorporated 29-01-13
- I YG Clients comments incorporated 01-02-13
- J VS Plot 60 Type O amended to be Type M 04-02-13
- K YG Changes to landscaping 11-02-13
- L YG Plot 1 and 2 swapped, plot 3 changed to a M type. Flats moved away from ditch, plots 12-17 given bigger gardens, plot 60 extra parking space and patios removed. 18-02-13



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Project: A development at Cody Road

Client: Manor Oak Homes

Sheet title: Site Plan

Ref: 7777/ 001 L

Scale: 1:500 @ A2

Date: 07-12-12

Drawn: YG **Checked:** _____

Schedule of Accomodation

Affordable	Type	Amount
A	1B2P Flat	4
B	2B3P Flat	4
C	2B4P House	10
D	3B6P House	5
E	4B7P House	1
		24
Private		
F	2Bed Flat	4
G	2Bed House	4
H	3Bed House	6
I	3Bed House	4
J	3Bed House	1
K	4Bed House	7
L	4Bed House	1
M	4Bed House	6
N	4Bed House	1
O	5Bed House	2
		36
Total		60
Car Parking	114	190%
Site Area		1.8 ha
POS		0.2 ha

All dimensions to be checked on site. This drawing is the copyright of the Architect, and not to be reproduced without their permission. Ordnance Survey map information reproduced with permission of HMSO Crown Copyright reserved. rg+p Ltd. Trading as rg+p.

Appendix C
Local Facilities Plan
JPP drawing no. Q6343PP-TA02

Appendix D
Bus Route Map and Timetables



The information on this timetable is expected to be valid until at least 6th March 2013. 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

Cambridge, Drummer St Bus Station (Bay 6)	—	0745	0815	0845	—	0915	0945	1015	—	1045	1115	—	1145	—	1215	1245	1315	—
Cambridge, nr Science Park	—	0757	0827	0857	—	0927	0957	1027	—	1057	1127	—	1157	—	1227	1257	1327	—
Waterbeach, nr Gibson Close	—		0839		—	0939		1039	—		1139	—		—	1239		1339	—
Waterbeach, opp Fletcher Avenue	—				—	0942		1042	—		1142	—		—	1242		1342	—
Landbeach, adj Research Park Entrance	—	0812	0849	0912	—	0952	1012	—	—	1112	—	—	1212	—	1252	1312	—	—
Little Thetford, nr The Wyches	—	0824	0901	0924	—	1004	1024	—	—	1124	—	—	1224	—	1304	1324	—	—
Ely, o/s Tesco	—	0831	0908	0931	—	1011	1031	—	—	1131	—	—	1231	—	1311	1331	—	—
Ely, Market Street (Stop A)	0710	0840	0917	0940	0950	1020	1040	—	1050	1140	—	1150	1240	1250	1320	1340	—	1350
Ely, o/s Hospital					1000	—	—	—	1100	—	—	1200	—	1300	—	—	—	1400
Littleport, opp Thoroughfare Way					1010	—	—	—	1110	—	—	1210	—	1310	—	—	—	1410
Sutton, nr Vermuyden Gardens	0725	0855	—	0955	—	—	1055	—	—	1155	—	—	1255	—	—	1355	—	—
Mepal, opp Bridge Road	0732	0902	—	1002	—	—	1102	—	—	1202	—	—	1302	—	—	1402	—	—
Chatteris, East Park Street (SE-bound)	0741	0911	—	1011	—	—	1111	—	—	1211	—	—	1311	—	—	1411	—	—

Mondays to Fridays

Cambridge, Drummer St Bus Station (Bay 6)	1345	1415	—	1445	1445	1515	—	1545	1615	—	1645	1715	1745	1815	1915			
Cambridge, nr Science Park	1357	1427	—	1457	1457	1527	—	1557	1627	—	1657	1727	1757	1827	1927			
Waterbeach, nr Gibson Close		1439	—			1539	—		1639	—		1739	1809	1839	1939			
Waterbeach, opp Fletcher Avenue			1442			1542	—		1642	—								
Landbeach, adj Research Park Entrance	1412	—	—	1512	1512	—	—	1612	—	—	1712	1749	1819	1849	1949			
Little Thetford, nr The Wyches	1424	—	—	1524	1524	—	—	1624	—	—	1724	1801	1831	1901	2001			
Ely, o/s Tesco	1431	—	—	1531	1531	—	—	1631	—	—	1731	1808	1838	1908	2008			
Ely, Market Street (Stop A)	1440	—	1450	1540	1540	—	1550	1640	—	1650	1740	1817	1847	1917	2017			
Ely, o/s Hospital			1500			1600	—		1700	—		1827		1927	—			
Littleport, opp Thoroughfare Way			1510			1610	—		1710	—		1837		1937	—			
Littleport, nr Crown Lane							—			—		1848		1948	—			
Ely, opp Community College					1543	—	—	—	—	—	—	—	—	—	—			
Sutton, nr Vermuyden Gardens	1455	—	—	1555	1555	—	—	1655	—	—	1755	—	—	1902	—	—	—	—
Mepal, opp Bridge Road	1502	—	—	1602	1602	—	—	1702	—	—	1802	—	—	1909	—	—	—	—
Chatteris, East Park Street (SE-bound)	1511	—	—	1611	1611	—	—	1711	—	—	1811	—	—	—	—	—	—	—

Saturdays

Cambridge, Drummer St Bus Station (Bay 6)	—	0745	0815	0845	—	0915	0945	1015	—	1045	1115	—	1145	—	1215	1245	1315	—
Cambridge, nr Science Park	—	0757	0827	0857	—	0927	0957	1027	—	1057	1127	—	1157	—	1227	1257	1327	—
Waterbeach, nr Gibson Close	—		0839		—	0939		1039	—		1139	—		—	1239		1339	—
Waterbeach, opp Fletcher Avenue	—				—	0942		1042	—		1142	—		—	1242		1342	—
Landbeach, adj Research Park Entrance	—	0812	0849	0912	—	0952	1012	—	—	1112	—	—	1212	—	1252	1312	—	—
Little Thetford, nr The Wyches	—	0824	0901	0924	—	1004	1024	—	—	1124	—	—	1224	—	1304	1324	—	—
Ely, o/s Tesco	—	0831	0908	0931	—	1011	1031	—	—	1131	—	—	1231	—	1311	1331	—	—
Ely, Market Street (Stop A)	0710	0840	0917	0940	0950	1020	1040	—	1050	1140	—	1150	1240	1250	1320	1340	—	1350
Ely, o/s Hospital					1000	—	—	—	1100	—	—	1200	—	1300	—	—	—	1400
Littleport, opp Thoroughfare Way					1010	—	—	—	1110	—	—	1210	—	1310	—	—	—	1410
Sutton, nr Vermuyden Gardens	0725	0855	—	0955	—	—	1055	—	—	1155	—	—	1255	—	—	1355	—	—
Mepal, opp Bridge Road	0732	0902	—	1002	—	—	1102	—	—	1202	—	—	1302	—	—	1402	—	—
Chatteris, East Park Street (SE-bound)	0741	0911	—	1011	—	—	1111	—	—	1211	—	—	1311	—	—	1411	—	—

Saturdays

Cambridge, Drummer St Bus Station (Bay 6)	1345	1415	—	1445	1515	—	1545	1615	—	1645	1715	1745	1815	1915				
Cambridge, nr Science Park	1357	1427	—	1457	1527	—	1557	1627	—	1657	1727	1757	1827	1927				
Waterbeach, nr Gibson Close		1439	—		1539	—		1639	—		1739	1809	1839	1939				
Waterbeach, opp Fletcher Avenue			1442		1542	—		1642	—									
Landbeach, adj Research Park Entrance	1412	—	—	1512	—	—	1612	—	—	1712	1749	1819	1849	1949				
Little Thetford, nr The Wyches	1424	—	—	1524	—	—	1624	—	—	1724	1801	1831	1901	2001				
Ely, o/s Tesco	1431	—	—	1531	—	—	1631	—	—	1731	1808	1838	1908	2008				
Ely, Market Street (Stop A)	1440	—	1450	1540	—	1550	1640	—	1650	1740	1817	1847	1917	2017				
Ely, o/s Hospital			1500			1600	—		1700	—		1827		1927	—			
Littleport, opp Thoroughfare Way			1510			1610	—		1710	—		1837		1937	—			
Littleport, nr Crown Lane							—			—		1848		1948	—			
Sutton, nr Vermuyden Gardens	1455	—	—	1555	—	—	1655	—	—	1755	—	—	1902	—	—	—	—	—
Mepal, opp Bridge Road	1502	—	—	1602	—	—	1702	—	—	1802	—	—	1909	—	—	—	—	—
Chatteris, East Park Street (SE-bound)	1511	—	—	1611	—	—	1711	—	—	1811	—	—	—	—	—	—	—	—

Sundays

no service



The information on this timetable is expected to be valid until at least 6th March 2013. 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

Littleport, opp Thoroughfare Way	—	—	0643	—	—	—	0753	—	—	—	1010	—	—	1110	—	—	—
Littleport, nr Crown Lane	—	—	0653	—	—	—	0803	—	—	—	1020	—	—	1120	—	—	—
Chatteris, East Park Street (SE-bound)	—	—	—	—	0745	0745	—	—	—	0915	—	—	1015	—	—	1115	—
Mepal, opp Bridge Road	—	—	0618	—	0718	0756	0756	—	—	0926	—	—	1026	—	—	1126	—
Sutton, nr Vermuyden Gardens	—	—	0623	—	0723	0801	0801	—	—	0931	—	—	1031	—	—	1131	—
Witchford, nr Clover End	—	—	0635	—	0735	0813	0813	—	—	0943	—	—	1043	—	—	1143	—
Ely, o/s Community College	—	—	—	—	—	0819	—	—	—	—	—	—	—	—	—	—	—
Ely, Market Street (Stop B)	0545	0615	0645	0715	0745	0825	0825	0855	—	0955	1042	—	1055	1142	—	1155	1216
Little Thetford, nr The Wyches	0555	0625	0655	0725	0755	—	—	0835	0905	—	1005	—	1105	—	—	1205	1226
Landbeach, adj Research Park Entrance	0607	0637	0707	0737	0807	—	—	0847	0917	—	1017	—	1117	—	—	1217	1238
Waterbeach, opp Fletcher Avenue	—	—	—	—	—	—	—	—	—	0946	—	—	1046	—	—	1146	1246
Waterbeach, opp Gibson Close	0615	0645	0715	0745	0815	—	—	0855	0949	—	—	—	1049	—	—	1149	1249
Cambridge, opp Science Park	0628	0658	0728	0758	0828	—	—	0908	0932	1002	1032	—	1102	1132	—	1202	1232
Cambridge, Drummer St Bus Station (Bay 6)	0640	0710	0740	0810	0840	—	—	0920	0944	1014	1044	—	1114	1144	—	1214	1244

Mondays to Fridays

Littleport, opp Thoroughfare Way	1210	—	1310	—	—	1410	—	—	1510	—	—	1610	—	—	1710	—	—
Littleport, nr Crown Lane	1220	—	1320	—	—	1420	—	—	1520	—	—	1620	—	—	1720	—	—
Chatteris, East Park Street (SE-bound)	—	1215	—	1315	—	—	1415	—	—	1515	—	—	1615	—	—	1715	1815
Mepal, opp Bridge Road	—	1226	—	1326	—	—	1426	—	—	1526	—	—	1626	—	—	1726	1826
Sutton, nr Vermuyden Gardens	—	1231	—	1331	—	—	1431	—	—	1531	—	—	1631	—	—	1731	1831
Witchford, nr Clover End	—	1243	—	1343	—	—	1443	—	—	1543	—	—	1643	—	—	1743	1843
Ely, Market Street (Stop B)	1242	1255	1342	—	1355	1442	—	1455	1542	—	1555	1642	—	1655	1716	1742	1755
Little Thetford, nr The Wyches	—	1305	—	1405	—	—	1505	—	—	1605	—	—	1705	1726	—	1805	—
Landbeach, adj Research Park Entrance	—	1317	—	1417	—	—	1517	—	—	1617	—	—	1717	1738	—	1817	—
Waterbeach, opp Fletcher Avenue	—	—	—	1346	—	—	1446	—	—	1546	—	—	1646	1746	—	—	—
Waterbeach, opp Gibson Close	—	—	—	1349	—	—	1449	—	—	1549	—	—	1649	1749	—	—	—
Cambridge, opp Science Park	—	1332	—	1402	1432	—	1502	1532	—	1602	1632	—	1702	1732	1802	—	1832
Cambridge, Drummer St Bus Station (Bay 6)	—	1344	—	1414	1444	—	1514	1544	—	1614	1644	—	1714	1744	1814	—	1844

Saturdays

Littleport, opp Thoroughfare Way	—	—	0643	—	—	0753	—	—	—	1010	—	—	1110	—	—	—	1210
Littleport, nr Crown Lane	—	—	0653	—	—	0803	—	—	—	1020	—	—	1120	—	—	—	1220
Chatteris, East Park Street (SE-bound)	—	—	—	—	0745	—	—	—	—	0915	—	—	1015	—	—	1115	1215
Mepal, opp Bridge Road	—	0618	—	0718	0756	—	—	—	—	0926	—	—	1026	—	—	1126	1226
Sutton, nr Vermuyden Gardens	—	0623	—	0723	0801	—	—	—	—	0931	—	—	1031	—	—	1131	1231
Witchford, nr Clover End	—	0635	—	0735	0813	—	—	—	—	0943	—	—	1043	—	—	1143	1243
Ely, Market Street (Stop B)	0615	0645	0715	0745	0825	0825	0855	—	0955	1042	—	1055	1142	—	1155	1216	1242
Little Thetford, nr The Wyches	0625	0655	0725	0755	—	—	0835	0905	—	1005	—	—	1105	—	—	1205	1226
Landbeach, adj Research Park Entrance	0637	0707	0737	0807	—	—	0847	0917	—	1017	—	—	1117	—	—	1217	1238
Waterbeach, opp Fletcher Avenue	—	—	—	—	—	—	—	—	0946	—	—	—	1046	—	—	1146	1246
Waterbeach, opp Gibson Close	0645	0715	0745	0815	—	—	0855	0949	—	—	—	—	1049	—	—	1149	1249
Cambridge, opp Science Park	0658	0728	0758	0828	—	—	0908	0932	1002	1032	—	1102	1132	—	1202	1232	1302
Cambridge, Drummer St Bus Station (Bay 6)	0710	0740	0810	0840	—	—	0920	0944	1014	1044	—	1114	1144	—	1214	1244	1314

Saturdays

Littleport, opp Thoroughfare Way	1310	—	—	1410	—	—	1510	—	—	1610	—	—	—	1710	—	—	—
Littleport, nr Crown Lane	1320	—	—	1420	—	—	1520	—	—	1620	—	—	—	1720	—	—	—
Chatteris, East Park Street (SE-bound)	—	—	1315	—	—	—	1415	—	—	1515	—	—	1615	—	—	1715	1815
Mepal, opp Bridge Road	—	—	1326	—	—	—	1426	—	—	1526	—	—	1626	—	—	1726	1826
Sutton, nr Vermuyden Gardens	—	—	1331	—	—	—	1431	—	—	1531	—	—	1631	—	—	1731	1831
Witchford, nr Clover End	—	—	1343	—	—	—	1443	—	—	1543	—	—	1643	—	—	1743	1843
Ely, Market Street (Stop B)	1342	—	1355	1442	—	—	1455	1542	—	1555	1642	—	1655	1716	1742	1755	1855
Little Thetford, nr The Wyches	—	—	1405	—	—	—	1505	—	—	1605	—	—	1705	1726	—	1805	—
Landbeach, adj Research Park Entrance	—	—	1417	—	—	—	1517	—	—	1617	—	—	1717	1738	—	1817	—
Waterbeach, opp Fletcher Avenue	—	1346	—	—	—	—	1446	—	—	1546	—	—	1646	1746	—	—	—
Waterbeach, opp Gibson Close	—	1349	—	—	—	—	1449	—	—	1549	—	—	1649	1749	—	—	—
Cambridge, opp Science Park	—	1402	1432	—	—	—	1502	1532	—	1602	1632	—	1702	1732	1802	—	1832
Cambridge, Drummer St Bus Station (Bay 6)	—	1414	1444	—	—	—	1514	1544	—	1614	1644	—	1714	1744	1814	—	1844

Sundays

no service



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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
cmbdajdw	Cambridge, Drummer St Bus Station (Bay 6)	Drummer Street	0500CCITY114
cmbdajdj	Cambridge, o/s Jesus College	Victoria Avenue	0500CCITY110
cmbdgatm	Chesterton, nr Westbrook Centre	Milton Road	0500CCITY387
cmbdagda	Chesterton, nr Ascham Road	Milton Road	0500CCITY058
cmbdagtw	Chesterton, opp Union Lane	Milton Road	0500CCITY092
cmbdagjd	Chesterton, nr Downham's Lane	Milton Road	0500CCITY066
cmbdajtp	Chesterton, opp Fraser Road	Milton Road	0500CCITY141
cmbdajtm	Chesterton, opp Kendal Way	Milton Road	0500CCITY140
cmbdgdpg	Cambridge, nr Science Park	Milton Road	0500CCITY428
cmbgamda	Milton, opp Winship Road	Cambridge Road	0500SMILT006
cmbgamdg	Milton, opp Barnabas Court	Cambridge Road	0500SMILT007
cmbgamat	Milton, nr Edmund Close	High Street	0500SMILT004
cmbgamaw	Milton, opp Ely Road	High Street	0500SMILT005
cmbgamam	Milton, nr Humphries Way	Landbeach Road	0500SMILT002
cmbgagdj	Landbeach, opp High Street	High Street	0500SLAND006
cmbgagdg	Landbeach, opp Walnut Farm	High Street	0500SLAND005
cmbgagaw	Landbeach, nr Cockfen Lane	High Street	0500SLAND003
cmbgagdt	Landbeach, opp Matthew Parker Close	Waterbeach Road	0500SLAND009
cmbgagdp	Landbeach, nr Manor House	Waterbeach Road	0500SLAND008
cmbgagdm	Landbeach, o/s Waterbeach Road	Waterbeach Road	0500SLAND007
cmbgagjg	Waterbeach, Car Dyke Road (E-bound)	Car Dyke Road	0500SLAND013
cmbgdadp	Waterbeach, opp Recreation Ground	Cambridge Road	0500SWATE014
cmbgdajg	Waterbeach, nr Gibson Close	Greenside	0500SWATE026
cmbgdadw	Waterbeach, nr Waddelow Road	High Street	0500SWATE016
cmbgdagp	Waterbeach, nr Cody Road	Bannold Road	0500SWATE021
cmbgdajt	Waterbeach, opp Surgery	Cody Road	0500SWATE029
cmbgdada	Waterbeach, opp Fletcher Avenue	Capper Road	0500SWATE010
cmbgjajt	Waterbeach, nr Kirby Terrace	Kirby Road	0500SWATE031
cmbgdagj	Waterbeach, opp Barracks	Denny End Road	0500SWATE019
cmbgdaga	Waterbeach, nr Winfold Road	Denny End Road	0500SWATE017
cmbgdaja	Waterbeach, nr Pembroke Avenue	Denny End Road	0500SWATE024
cmbgagjm	Landbeach, adj Research Park Entrance	Cambridge Research Park Entrance	0500SLAND014
cmbgawpt	Chittering, opp School Lane	Ely Road	0500SWATE001
cmbdjdtd	Stretham, nr Red Hill Farm Turn	Cambridge Road	0500ESTRE001
cmbdjdjp	Stretham, opp Short Road	Wilburton Road	0500ESTRE007
cmbdjdjm	Stretham, nr Chapel Street	High Street	0500ESTRE006
cmbdjdjw	Stretham, opp Walnut Tree Close	Ely Road	0500ESTRE009
cmbdjdjm	Little Thetford, nr The Wyches	Ely Road	0500ELIT001
cmbdgpam	Ely, o/s Tesco	Angel Drove	0500EELY001
cmbgjtja	Ely, nr Back Hill	Broad Street	0500EELY097
cmbgjtjw	Ely, nr Fore Hill	Broad Street	0500EELY096
cmbdgtja	Ely, nr Bell Holt	Bell Holt	0500EELY068
cmbgdwtw	Ely, opp Beech Lane	Prickwillow Road	0500EELY080
cmbgdwpm	Ely, nr Springhead Lane	Prickwillow Road	0500EELY074
cmbdgtda	Ely, Market Street (Stop A)	Market Street	0500EELY054
cmbdgpap	Ely, o/s Beech Lane	Beech Lane	0500EELY003
cmbdgpwd	Ely, opp Cemetery	New Barns Avenue	0500EELY041
cmbdgpwt	Ely, opp Larkfield Training Centre	High Barns	0500EELY046
cmbdgpwp	Ely, opp Spring Meadow Infants School	High Barns	0500EELY045
cmbgmdja	Ely, opp Bishop Laney Drive	King's Avenue	0500EELY105
cmbdgpjp	Ely, opp King's Avenue	Lynn Road	0500EELY023
cmbdgpjt	Ely, o/s Lily House	Lynn Road	0500EELY024
cmbdgpjw	Ely, nr Morton Close	Davison Road	0500EELY018
cmbdgpjw	Ely, o/s Hospital	Davison Road	0500EELY016
cmbdjajw	Littleport, opp The Coppice	Ely Road	0500ELITP044
cmbdjaja	Littleport, nr Saffron Close	Ely Road	0500ELITP011
cmbdjagw	Littleport, nr Grange Lane	Ely Road	0500ELITP010
cmbdjadp	Littleport, opp Eastfields	Ely Road	0500ELITP001
cmbdjagm	Littleport, nr Upton Lane	High Street	0500ELITP007
cmbdjajm	Littleport, nr White Hart Lane	Victoria Street	0500ELITP014
cmbdjagw	Littleport, opp Thoroughfare Way	Thoroughfare Way	0500ELITP043
cmbdjagd	Littleport, nr Granby Street	Wellington Street	0500ELITP005
cmbdjaga	Littleport, nr Church Lane	Wellington Street	0500ELITP004
cmbjadw	Littleport, opp Brookside Grove	Wisbech Road	0500ELITP003
cmbjdadt	Littleport, opp Elm Side	Wisbech Road	0500ELITP002
cmbdjajm	Littleport, nr Queens Road	Gilbert Road	0500ELITP021
cmbdjama	Littleport, nr Atkins Close	Parson's Lane	0500ELITP018
cmbdjajt	Littleport, nr Friar's Way	Parson's Lane	0500ELITP016
cmbgdwgd	Littleport, o/s Health Centre	Parson's Lane	0500ELITP051
cmbdjajp	Littleport, nr Crown Lane	Church Lane	0500ELITP015
cmbdgpap	Ely, opp W Fen Road	St Mary's Street	0500EELY002
cmbgmdjt	Ely, opp Mariott Drive	Cambridge Road	0500EELY107
cmbdgpmp	Ely, opp Tower Road	Cambridge Road	0500EELY028
cmbgmdmg	Ely, nr Gateway Gardens	Witchford Road	0500EELY108
cmbdgtjm	Ely, opp Norfolk Road	Witchford Road	0500EELY071
cmbdgpjm	Ely, opp Northwold	Downham Road	0500EELY015
cmbdgpjw	Ely, opp Falcon Mews	Merlin Drive	0500EELY014
cmbgjwpm	Ely, opp Community College	Downham Road	0500EELY099
cmbgjgat	Ely, nr Lancaster Way Business Park	Witchford Road	0500EELY086

Continued on next page.

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SMS Code	Stop Name	Street	ATCO Code
cmbdjmjd	Witchford, opp Bedwell Hey Lane	Main Street	0500EWITD002
cmbdjmjm	Witchford, opp Church View	Main Street	0500EWITD004
cmbdjmjg	Witchford, opp Clover End	Main Street	0500EWITD010
cmbdjmja	Witchford, opp Granta Close	Main Street	0500EWITD001
cmbdjmjt	Witchford, nr New Road	Sutton Road	0500EWITD006
cmbdjgwp	Wentworth, nr Church Road	Ely Road	0500EWENT004
cmbdjgwt	Witcham Toll, nr Haddenham Road	Ely Road	0500EWENT005
cmbdjgwj	Witcham Toll, opp The Slade	Ely Road	0500EWENT002
cmbdjgpd	Sutton, opp The Chestnuts	Ely Road	0500ESUTT009
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
cmbdjgmg	Sutton, nr Park Road	Ely Road	0500ESUTT003
cmbdjgjp	Mepal, opp Bridge Road	School Lane	0500EMEPA001
cmbdjgww	Mepal, opp Brick Lane	Sutton Road	0500EMEPA003
cmbdjgjm	Chatteris, o/s Cromwell Community College	Wenny Road	0500FCHAT029
cmbgjatp	Chatteris, nr East Park Street	Victoria Street	0500FCHAT019
cmbdjgjj	Chatteris, East Park Street (SE-bound)	East Park Street	0500FCHAT011



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SMS Code	Stop Name	Street	ATCO Code
cmbdjawg	Littleport, opp Thoroughfare Way	Thoroughfare Way	0500ELITP043
cmbdjagd	Littleport, nr Granby Street	Wellington Street	0500ELITP005
cmbdjaga	Littleport, nr Church Lane	Wellington Street	0500ELITP004
cmbdjadw	Littleport, opp Brookside Grove	Wisbech Road	0500ELITP003
cmbdjadt	Littleport, opp Elm Side	Wisbech Road	0500ELITP002
cmbdjamj	Littleport, nr Queens Road	Gilbert Road	0500ELITP021
cmbdjama	Littleport, nr Atkins Close	Parson's Lane	0500ELITP018
cmbdjjat	Littleport, nr Friar's Way	Parson's Lane	0500ELITP016
cmbgdwgd	Littleport, o/s Health Centre	Parson's Lane	0500ELITP051
cmbdjajp	Littleport, nr Crown Lane	Church Lane	0500ELITP015
cmbdjjad	Littleport, opp Upton Lane	High Street	0500ELITP012
cmbdjagp	Littleport, nr Eastfields	Ely Road	0500ELITP008
cmbdjjagj	Littleport, opp Grange Lane	Ely Road	0500ELITP006
cmbdjjajw	Littleport, opp Saffron Close	Ely Road	0500ELITP017
cmbdjjagt	Littleport, nr The Coppice	Ely Road	0500ELITP009
cmbdggptd	Chettisham, opp The Hamlet	Lynn Road	0500EELY034
cmbdggpw	Ely, nr Morton Close	Davidson Road	0500EELY018
cmbdggpp	Ely, o/s Hospital	Davidson Road	0500EELY016
cmbdggpj	Ely, opp Lily House	Lynn Road	0500EELY021
cmbdggpjw	Ely, nr King's Avenue	Lynn Road	0500EELY025
cmbgmdgw	Ely, nr Bishop Laney Drive	King's Avenue	0500EELY104
cmbdggpa	Ely, o/s Spring Meadow Infants School	High Barns	0500EELY012
cmbdggpta	Ely, nr Larkfield Training Centre	High Barns	0500EELY033
cmbdggpwg	Ely, nr Cemetery	New Barns Avenue	0500EELY042
cmbdgtat	Ely, opp Beech Lane	Beech Lane	0500EELY052
cmbgdwpm	Ely, nr Springhead Lane	Prickwillow Road	0500EELY074
cmbdjjgj	Chatteris, East Park Street (SE-bound)	East Park Street	0500FCHAT011
cmbdjjgw	Chatteris, opp Cromwell Community College	Wenny Road	0500FCHAT015
cmbdjjgp	Mepal, opp Bridge Road	School Lane	0500EMEPA001
cmbdjjgw	Mepal, opp Brick Lane	Sutton Road	0500EMEPA003
cmbdjjpa	Sutton, nr Vermuyden Gardens	The Brook	0500ESUTT008
cmbdjjmw	Sutton, opp Brookside	The Brook	0500ESUTT007
cmbdjjmt	Sutton, nr The Brook	High Street	0500ESUTT006
cmbdjjmd	Sutton, opp Windmill Lane	High Street	0500ESUTT002
cmbdjjmg	Sutton, nr Park Road	Ely Road	0500ESUTT003
cmbdjjmp	Sutton, nr The Chestnuts	Ely Road	0500ESUTT005
cmbdjjwg	Witcham Toll, opp Haddenham Road	Ely Road	0500EWENT001
cmbdjjwm	Wentworth, opp Church Road	Sutton Road	0500EWENT003
cmbdjjmjp	Witchford, opp New Road	Main Street	0500EWITD005
cmbdjjmj	Witchford, nr Granta Close	Main Street	0500EWITD003
cmbdjjmw	Witchford, nr Clover End	Main Street	0500EWITD007
cmbdjjmpa	Witchford, nr Church View	Main Street	0500EWITD008
cmbdjjmpd	Witchford, nr Bedwell Hey Lane	Main Street	0500EWITD009
cmbgjgaw	Ely, opp Lancaster Way Business Park	Witchford Road	0500EELY087
cmbdgdw	Ely, nr Norfolk Road	Witchford Road	0500EELY060
cmbgmdmj	Ely, opp Gateway Gardens	Witchford Road	0500EELY109
cmbdgdj	Ely, nr Tower Road	Cambridge Road	0500EELY007
cmbgmdjp	Ely, adj Mariott Drive	Cambridge Road	0500EELY106
cmbdgdpt	Ely, nr W Fen Road	St Mary's Street	0500EELY010
cmbgjtwg	Ely, o/s Community College	Downham Road	0500EELY098
cmbdgdpgt	Ely, nr Northwood	Downham Road	0500EELY017
cmbdgtap	Ely, Market Street (Stop B)	Market Street	0500EELY051
cmbgdwtm	Ely, nr King's School	Back Hill	0500EELY079
cmbdgpam	Ely, o/s Tesco	Angel Drive	0500EELY001
cmbdjjdam	Little Thetford, nr The Wyches	Ely Road	0500ELITT001
cmbdjjjd	Stretham, nr Walnut Tree Close	Ely Road	0500ESTRE004
cmbdjjjg	Stretham, opp Chapel Street	High Street	0500ESTRE005
cmbdjjjt	Stretham, nr Short Road	Wilburton Road	0500ESTRE008
cmbdjjdw	Stretham, o/s Cambridge Road	Cambridge Road	0500ESTRE002
cmbdjjja	Stretham, opp Red Hill Farm Turn	Cambridge Road	0500ESTRE003
cmbgawpw	Chittering, nr School Lane	Ely Road	0500SWATE002
cmbgagjm	Landbeach, adj Research Park Entrance	Cambridge Research Park Entrance	0500SLAND014
cmbgawtw	Waterbeach, opp Pembroke Avenue	Denny End Road	0500SWATE009
cmbgawtm	Waterbeach, opp Winfold Road	Denny End Road	0500SWATE007
cmbgawta	Waterbeach, o/s Barracks	Denny End Road	0500SWATE003
cmbgdada	Waterbeach, opp Fletcher Avenue	Capper Road	0500SWATE010
cmbgjgjt	Waterbeach, nr Kirby Terrace	Kirby Road	0500SWATE031
cmbgjgjjw	Waterbeach, o/s Surgery	Cody Road	0500SWATE032
cmbgdajd	Waterbeach, opp Cody Road	Bannold Road	0500SWATE025
cmbgdagd	Waterbeach, opp Waddelow Road	High Street	0500SWATE018
cmbgdagw	Waterbeach, opp Gibson Close	Greenside	0500SWATE023
cmbgdajm	Waterbeach, nr Recreation Ground	Cambridge Road	0500SWATE027
cmbgagjd	Waterbeach, Car Dyke Road (W-bound)	Car Dyke Road	0500SLAND012
cmbgagja	Landbeach, opp Waterbeach Road	Waterbeach Road	0500SLAND011
cmbgagdw	Landbeach, opp Manor House	Waterbeach Road	0500SLAND010
cmbgagjp	Landbeach, opp Cockfen Lane	High Street	0500SLAND015
cmbgagda	Landbeach, nr Walnut Farm	High Street	0500SLAND004
cmbgagat	Landbeach, o/s High Street	High Street	0500SLAND002
cmbgamam	Milton, nr Humphries Way	Landbeach Road	0500SMILT002

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SMS Code	Stop Name	Street	ATCO Code
cmbgamdj	Milton, nr Ely Road	High Street	0500SMILT008
cmbgamaj	Milton, opp Edmund Close	Cambridge Road	0500SMILT001
cmbgamap	Milton, nr Barnabas Court	Cambridge Road	0500SMILT003
cmbgamdm	Milton, nr Winship Road	Cambridge Road	0500SMILT009
cmbdawtm	Cambridge, opp Science Park	Milton Road	0500CCITY345
cmbdawdg	Chesterton, Milton Road (SW-bound)	Milton Road	0500CCITY307
cmbdamag	Chesterton, nr Kendal Way	Milton Road	0500CCITY152
cmbdagat	Chesterton, nr Fraser Road	Milton Road	0500CCITY056
cmbdgdgm	Chesterton, opp Downham's Lane	Milton Road	0500CCITY407
cmbdagpm	Chesterton, nr Union Lane	Milton Road	0500CCITY083
cmbdagad	Chesterton, opp Ascham Road	Milton Road	0500CCITY051
cmbdgawa	Chesterton, opp Westbrook Centre	Milton Road	0500CCITY390
cmbdajdg	Cambridge, opp Jesus College	Victoria Avenue	0500CCITY109
cmbdajdw	Cambridge, Drummer St Bus Station (Bay 6)	Drummer Street	0500CCITY114



The information on this timetable is expected to be valid until at least 6th March 2013. 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

Cambridge, Drummer St Bus Station (Bay 9)	1210	1745
Cambridge, opp Napier Street	1215	1750
Cambridge, o/s Beehive Retail Park	1220	1755
Cambridge, opp Barnwell Road	1224	1759
Cambridge, nr Howard Road	1228	1803
Fen Ditton, opp Wright's Close	1237	1812
Fen Ditton, opp Blue Lion	1242	1817
Horningsea, nr St. John's Lane	1247	1822
Claythorpe, opp Bridge Hotel	1251	1826
Waterbeach, opp Railway Station	1253	1828
Waterbeach, opp Fletcher Avenue	1255	1830

Saturdays

no service

Sundays

no service



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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

Waterbeach, opp Fletcher Avenue	0720	0920
Waterbeach, o/s Railway Station	0722	0922
Clayhithe, nr Bridge Hotel	0724	0924
Horningsea, opp St. John's Lane	0728	0928
Fen Ditton, nr Blue Lion	0733	0933
Fen Ditton, nr Wright's Close		0938
Cambridge, opp Howard Road		0947
Cambridge, opp Barnwell Road		0951
Cambridge, o/s Beehive Retail Park		0955
Cambridge, nr Napier Street	0750	1000
Cambridge, Drummer St Bus Station (Bay 9)	0800	1005

Saturdays

no service

Sundays

no service



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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
cmbdatjm	Cambridge, Drummer St Bus Station (Bay 9)	Drummer Street	0500CCITY274
cmbdajap	Cambridge, opp Fair Street	Maids Causeway	0500CCITY104
cmbdajaj	Cambridge, opp Napier Street	Newmarket Road	0500CCITY102
cmbdamgp	Cambridge, nr Elizabeth Way	Newmarket Road	0500CCITY169
cmbdamjt	Cambridge, opp New Street	Coldham's Lane	0500CCITY177
cmbdamgw	Cambridge, o/s Beehive Retail Park	Coldham's Lane	0500CCITY171
cmbdamam	Romsey Town, opp Brampton Road	Coldham's Lane	0500CCITY154
cmbdapgt	Romsey Town, opp Ross Street	Coldham's Lane	0500CCITY219
cmbdajad	Romsey Town, opp Vinery Way	Coldham's Lane	0500CCITY100
cmbdadtg	Cambridge, opp Barnwell Road	Brooks Road	0500CCITY039
cmbdamta	Cambridge, opp Uphall Road	Barnwell Road	0500CCITY186
cmbdadwg	Cambridge, opp Barnwell Drive	Barnwell Road	0500CCITY046
cmbdatmj	Cambridge, opp Peverel Road	Barnwell Road	0500CCITY281
cmbdajwm	Cambridge, nr Newmarket Road	Barnwell Road	0500CCITY148
cmbdamap	Cambridge, opp Ekin Road	Wadloes Road	0500CCITY155
cmbdamaw	Cambridge, nr Howard Road	Dudley Road	0500CCITY157
cmbgdwtg	Fen Ditton, opp Wright's Close	Green End	0500SFENN012
cmbgj paj	Cambridge, opp Fison Road	Ditton Lane	0500CCITY480
cmbdwdwp	Fen Ditton, opp Blue Lion	Horningsea Road	0500SFENN011
cmbdwdtj	Fen Ditton, opp Musgrove Way	Horningsea Road	0500SFENN002
cmbgadgd	Horningsea, nr Priory Road	High Street	0500SHORN001
cmbgadgm	Horningsea, nr St. John's Lane	High Street	0500SHORN003
cmbgadgt	Clayhithe, nr Clayhithe Farm	Clayhithe Road	0500SHORN005
cmbgdadt	Clayhithe, opp Bridge Hotel	Clayhithe Road	0500SWATE015
cmbgdajp	Waterbeach, opp Railway Station	Clayhithe Road	0500SWATE028
cmbgdadj	Waterbeach, opp Lode Avenue	Station Road	0500SWATE012
cmbgawtd	Waterbeach, opp St Andrew's Hill	Station Road	0500SWATE004
cmbgdajg	Waterbeach, nr Gibson Close	Greenside	0500SWATE026
cmbgdadw	Waterbeach, nr Waddelow Road	High Street	0500SWATE016
cmbgdajt	Waterbeach, opp Surgery	Cody Road	0500SWATE029
cmbgdada	Waterbeach, opp Fletcher Avenue	Capper Road	0500SWATE010



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cmbgjgit	Waterbeach, nr Kirby Terrace	Kirby Road	0500SWATE031
cmbgjgjjw	Waterbeach, o/s Surgery	Cody Road	0500SWATE032
cmbgdajd	Waterbeach, opp Cody Road	Bannold Road	0500SWATE025
cmbgdagd	Waterbeach, opp Waddelow Road	High Street	0500SWATE018
cmbgdagw	Waterbeach, opp Gibson Close	Greenside	0500SWATE023
cmbgawtg	Waterbeach, nr St Andrew's Hill	Station Road	0500SWATE005
cmbgdagd	Waterbeach, nr Lode Avenue	Station Road	0500SWATE011
cmbgdagm	Waterbeach, o/s Railway Station	Clayhithe Road	0500SWATE020
cmbgdadm	Clayhithe, nr Bridge Hotel	Clayhithe Road	0500SWATE013
cmbgadgw	Clayhithe, opp Clayhithe Farm	Clayhithe Road	0500SHORN006
cmbgadgj	Horningsea, opp St. John's Lane	High Street	0500SHORN002
cmbgadgp	Horningsea, opp Priory Road	High Street	0500SHORN004
cmbdwdwd	Fen Ditton, nr Musgrove Way	Horningsea Road	0500SFENN007
cmbdwdwg	Fen Ditton, nr Blue Lion	Horningsea Road	0500SFENN008
cmbdwdtw	Fen Ditton, nr Wright's Close	Green End	0500SFENN005
cmbdwdtg	Cambridge, nr Fison Road	Ditton Lane	0500SFENN001
cmbdamda	Cambridge, opp Howard Road	Dudley Road	0500CCITY158
cmbdamat	Cambridge, nr Dudley Road	Keynes Road	0500CCITY156
cmbdajwj	Cambridge, nr Ekin Road	Wadloes Road	0500CCITY146
cmbdadwm	Cambridge, nr Peverel Road	Barnwell Road	0500CCITY048
cmbdadwj	Cambridge, nr Barnwell Drive	Barnwell Road	0500CCITY047
cmbdadtg	Cambridge, opp Barnwell Road	Brooks Road	0500CCITY039
cmbdajag	Romsey Town, nr Vinery Way	Coldham's Lane	0500CCITY101
cmbdajpg	Romsey Town, nr Ross Street	Coldham's Lane	0500CCITY131
cmbdamja	Romsey Town, nr Brampton Road	Coldham's Lane	0500CCITY172
cmbdamgw	Cambridge, o/s Beehive Retail Park	Coldham's Lane	0500CCITY171
cmbdamgt	Cambridge, nr New Street	Coldham's Lane	0500CCITY170
cmbdapgw	Cambridge, nr Malden Close	Newmarket Road	0500CCITY220
cmbdapdw	Cambridge, opp Ditton Walk	Newmarket Road	0500CCITY213
cmbdamdw	Cambridge, opp Stanley Road	Newmarket Road	0500CCITY164
cmbdapgd	Cambridge, opp River Lane	Newmarket Road	0500CCITY215
cmbdamgm	Cambridge, opp Elizabeth Way	Newmarket Road	0500CCITY168
cmbdajam	Cambridge, nr Napier Street	Newmarket Road	0500CCITY103
cmbgjwmd	Cambridge, nr Fair Street	Maids Causeway	0500CCITY515
cmbdatjm	Cambridge, Drummer St Bus Station (Bay 9)	Drummer Street	0500CCITY274



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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

Cambridge, Drummer St Bus Station (Bay 9)	1210	1745
Cambridge, opp Napier Street	1215	1750
Cambridge, o/s Beehive Retail Park	1220	1755
Cambridge, opp Barnwell Road	1224	1759
Cambridge, nr Howard Road	1228	1803
Fen Ditton, opp Wright's Close	1237	1812
Fen Ditton, opp Blue Lion	1242	1817
Horningsea, nr St. John's Lane	1247	1822
Claythorpe, opp Bridge Hotel	1251	1826
Waterbeach, opp Railway Station	1253	1828
Waterbeach, opp Fletcher Avenue	1255	1830

Saturdays

no service

Sundays

no service



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

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Waterbeach, opp Fletcher Avenue	0720	0920
Waterbeach, o/s Railway Station	0722	0922
Clayhithe, nr Bridge Hotel	0724	0924
Horningsea, opp St. John's Lane	0728	0928
Fen Ditton, nr Blue Lion	0733	0933
Fen Ditton, nr Wright's Close		0938
Cambridge, opp Howard Road		0947
Cambridge, opp Barnwell Road		0951
Cambridge, o/s Beehive Retail Park		0955
Cambridge, nr Napier Street	0750	1000
Cambridge, Drummer St Bus Station (Bay 9)	0800	1005

Saturdays

no service

Sundays

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cmbdatmj	Cambridge, opp Peverel Road	Barnwell Road	0500CCITY281
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cmbgdadm	Clayhithe, nr Bridge Hotel	Clayhithe Road	0500SWATE013
cmbgadgw	Clayhithe, opp Clayhithe Farm	Clayhithe Road	0500SHORN006
cmbgadgj	Horningsea, opp St. John's Lane	High Street	0500SHORN002
cmbgadgp	Horningsea, opp Priory Road	High Street	0500SHORN004
cmbdwdwd	Fen Ditton, nr Musgrove Way	Horningsea Road	0500SFENN007
cmbdwdwg	Fen Ditton, nr Blue Lion	Horningsea Road	0500SFENN008
cmbdwdtw	Fen Ditton, nr Wright's Close	Green End	0500SFENN005
cmbdwdtg	Cambridge, nr Fison Road	Ditton Lane	0500SFENN001
cmbdamda	Cambridge, opp Howard Road	Dudley Road	0500CCITY158
cmbdamat	Cambridge, nr Dudley Road	Keynes Road	0500CCITY156
cmbdajwj	Cambridge, nr Ekin Road	Wadloes Road	0500CCITY146
cmbdadwm	Cambridge, nr Peverel Road	Barnwell Road	0500CCITY048
cmbdadwj	Cambridge, nr Barnwell Drive	Barnwell Road	0500CCITY047
cmbdadtg	Cambridge, opp Barnwell Road	Brooks Road	0500CCITY039
cmbdajag	Romsey Town, nr Vinery Way	Coldham's Lane	0500CCITY101
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cmbdamja	Romsey Town, nr Brampton Road	Coldham's Lane	0500CCITY172
cmbdamgw	Cambridge, o/s Beehive Retail Park	Coldham's Lane	0500CCITY171
cmbdamgt	Cambridge, nr New Street	Coldham's Lane	0500CCITY170
cmbdapgw	Cambridge, nr Malden Close	Newmarket Road	0500CCITY220
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cmbdamgm	Cambridge, opp Elizabeth Way	Newmarket Road	0500CCITY168
cmbdajam	Cambridge, nr Napier Street	Newmarket Road	0500CCITY103
cmbgjwmd	Cambridge, nr Fair Street	Maids Causeway	0500CCITY515
cmbdatjm	Cambridge, Drummer St Bus Station (Bay 9)	Drummer Street	0500CCITY274

Appendix E
Person Trips TRICS Data

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	BD BEDFORDSHIRE	2 days
	ES EAST SUSSEX	1 days
	EX ESSEX	1 days
03	SOUTH WEST	
	CW CORNWALL	2 days
	GS GLOUCESTERSHIRE	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	2 days
	SF SUFFOLK	3 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	LE LEICESTERSHIRE	1 days
	LN LINCOLNSHIRE	3 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	2 days
	ST STAFFORDSHIRE	1 days
	WM WEST MIDLANDS	3 days
	WO WORCESTERSHIRE	4 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	4 days
08	NORTH WEST	
	CH CHESHIRE	3 days
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	2 days
	MS MERSEYSIDE	1 days
09	NORTH	
	CB CUMBRIA	2 days
	TV TEES VALLEY	1 days
10	WALES	
	CF CARDIFF	2 days
	CP CAERPHILLY	1 days
	WR WREXHAM	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
	AG ANGUS	1 days
	EA EAST AYRSHIRE	1 days
	FI FIFE	2 days
	HI HIGHLAND	3 days
	PK PERTH & KINROSS	1 days
	SR STIRLING	1 days

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

Filtering Stage 2 selection:

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

Parameter: Number of dwellings
 Actual Range: 7 to 372 (units:)
 Range Selected by User: 7 to 491 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/04 to 22/09/12

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

Selected survey days:

Monday	13 days
Tuesday	15 days
Wednesday	6 days
Thursday	14 days
Friday	9 days

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

Selected survey types:

Manual count	57 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	3
Suburban Area (PPS6 Out of Centre)	27
Edge of Town	25
Neighbourhood Centre (PPS6 Local Centre)	2

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

Selected Location Sub Categories:

Residential Zone	45
Out of Town	1
No Sub Category	11

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

Filtering Stage 3 selection:

Use Class:

C3	56 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®.

Filtering Stage 3 selection (Cont.):

Population within 1 mile:

1,001 to 5,000	6 days
5,001 to 10,000	7 days
10,001 to 15,000	12 days
15,001 to 20,000	19 days
20,001 to 25,000	6 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	5 days
25,001 to 50,000	10 days
50,001 to 75,000	3 days
75,001 to 100,000	11 days
100,001 to 125,000	7 days
125,001 to 250,000	14 days
250,001 to 500,000	6 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	22 days
1.1 to 1.5	33 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	1 days
No	56 days

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

LIST OF SITES relevant to selection parameters

- | | | | |
|---|------------------------------------|----------------------------|---------------------|
| 1 | AD-03-A-01 | SEMI -DETACHED, ABERDEEN | ABERDEEN CITY |
| | SPRINGFIELD ROAD | | |
| | ABERDEEN | | |
| | Suburban Area (PPS6 Out of Centre) | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 59 | |
| | Survey date: FRIDAY | 18/05/12 | Survey Type: MANUAL |
| 2 | AG-03-A-01 | BUNGALOWS/DET., ARBROATH | ANGUS |
| | KEPTIE ROAD | | |
| | ARBROATH | | |
| | Suburban Area (PPS6 Out of Centre) | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 7 | |
| | Survey date: TUESDAY | 22/05/12 | Survey Type: MANUAL |
| 3 | BD-03-A-01 | SEMI DETACHED, LUTON | BEDFORDSHIRE |
| | NEW BEDFORD ROAD | | |
| | LUTON | | |
| | Suburban Area (PPS6 Out of Centre) | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 131 | |
| | Survey date: THURSDAY | 08/07/04 | Survey Type: MANUAL |
| 4 | BD-03-A-02 | SEMI DETACHED, LUTON | BEDFORDSHIRE |
| | RIDDY LANE | | |
| | LUTON | | |
| | Suburban Area (PPS6 Out of Centre) | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 82 | |
| | Survey date: TUESDAY | 06/07/04 | Survey Type: MANUAL |
| 5 | CA-03-A-02 | MIXED HOUSES, PETERBOROUGH | CAMBRIDGESHIRE |
| | THORPE ROAD | | |
| | PETERBOROUGH | | |
| | Edge of Town Centre | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 363 | |
| | Survey date: THURSDAY | 13/05/04 | Survey Type: MANUAL |
| 6 | CA-03-A-04 | DETACHED, PETERBOROUGH | CAMBRIDGESHIRE |
| | THORPE PARK ROAD | | |
| | PETERBOROUGH | | |
| | Suburban Area (PPS6 Out of Centre) | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 9 | |
| | Survey date: TUESDAY | 18/10/11 | Survey Type: MANUAL |
| 7 | CB-03-A-03 | SEMI DETACHED, WORKINGTON | CUMBRIA |
| | HAWKSHEAD AVENUE | | |
| | WORKINGTON | | |
| | Edge of Town | | |
| | Residential Zone | | |
| | Total Number of dwellings: | 40 | |
| | Survey date: THURSDAY | 20/11/08 | Survey Type: MANUAL |

LIST OF SITES relevant to selection parameters (Cont.)

8	CB-03-A-04 SEMI DETACHED, WORKINGTON MOORCLOSE ROAD SALTERBACK WORKINGTON Edge of Town No Sub Category Total Number of dwellings: 82 Survey date: FRIDAY 24/04/09	CUMBRIA	Survey Type: MANUAL
9	CF-03-A-02 MIXED HOUSES, CARDIFF DROPE ROAD CARDIFF Edge of Town Residential Zone Total Number of dwellings: 196 Survey date: FRIDAY 05/10/07	CARDIFF	Survey Type: MANUAL
10	CF-03-A-03 DETACHED, CARDIFF LLANTRISANT ROAD CARDIFF Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 29 Survey date: MONDAY 08/10/07	CARDIFF	Survey Type: MANUAL
11	CH-03-A-05 DETACHED, CREWE SYDNEY ROAD SYDNEY CREWE Edge of Town Residential Zone Total Number of dwellings: 17 Survey date: TUESDAY 14/10/08	CHESHIRE	Survey Type: MANUAL
12	CH-03-A-06 SEMI-DET./BUNGALOWS, CREWE CREWE ROAD CREWE Suburban Area (PPS6 Out of Centre) No Sub Category Total Number of dwellings: 129 Survey date: TUESDAY 14/10/08	CHESHIRE	Survey Type: MANUAL
13	CH-03-A-08 DETACHED, CHESTER WHITCHURCH ROAD BOUGHTON HEATH CHESTER Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 11 Survey date: TUESDAY 22/05/12	CHESHIRE	Survey Type: MANUAL
14	CP-03-A-02 SEMI DETACHED, PENGAM THE RISE PENGAM Suburban Area (PPS6 Out of Centre) No Sub Category Total Number of dwellings: 41 Survey date: MONDAY 05/09/05	PENGAM	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	CW-03-A-01 ALVERTON ROAD	TERRACED, PENZANCE	CORNWALL
	PENZANCE Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 13 Survey date: THURSDAY 30/06/05 Survey Type: MANUAL		
16	CW-03-A-02 BOSVEAN GARDENS	SEMI D./DETACHED, TRURO	CORNWALL
	TRURO Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 73 Survey date: TUESDAY 18/09/07 Survey Type: MANUAL		
17	DS-03-A-01 THE AVENUE HOLMESDALE DRONFIELD	SEMI D./TERRACED, DRONFIELD	DERBYSHIRE
	Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 20 Survey date: THURSDAY 22/06/06 Survey Type: MANUAL		
18	EA-03-A-01 TALISKER AVENUE	DETACHED, KILMARNOCK	EAST AYRSHIRE
	KILMARNOCK Edge of Town Residential Zone Total Number of dwellings: 39 Survey date: THURSDAY 05/06/08 Survey Type: MANUAL		
19	ES-03-A-02 SOUTH COAST ROAD	PRIVATE HOUSING, PEACEHAVEN	EAST SUSSEX
	PEACEHAVEN Edge of Town Residential Zone Total Number of dwellings: 37 Survey date: FRIDAY 18/11/11 Survey Type: MANUAL		
20	EX-03-A-01 MILTON ROAD CORRINGHAM STANFORD-LE-HOPE	SEMI-DET., STANFORD-LE-HOPE	ESSEX
	Edge of Town Residential Zone Total Number of dwellings: 237 Survey date: TUESDAY 13/05/08 Survey Type: MANUAL		
21	FI-03-A-02 WAROUT ROAD	SEMI DETACHED, GLENROTHES	FIFE
	GLENROTHES Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 58 Survey date: MONDAY 16/05/05 Survey Type: MANUAL		

LIST OF SITES relevant to selection parameters (Cont.)

22	FI-03-A-03 WOODMILL ROAD	MIXED HOUSES, DUNFERMLINE	FIFE
	DUNFERMLINE Edge of Town Residential Zone Total Number of dwellings: 155 Survey date: MONDAY 30/04/07		
	Survey Type: MANUAL		
23	GM-03-A-10 BUTT HILL DRIVE PRESTWICH MANCHESTER	DETACHED/SEMI, MANCHESTER	GREATER MANCHESTER
	Edge of Town Residential Zone Total Number of dwellings: 29 Survey date: WEDNESDAY 12/10/11		
	Survey Type: MANUAL		
24	GS-03-A-01 KINGSHOLM ROAD KINGSHOLM GLOUCESTER	SEMI D./TERRACED, GLOUCESTER	GLOUCESTERSHIRE
	Edge of Town Centre No Sub Category Total Number of dwellings: 73 Survey date: TUESDAY 25/05/04		
	Survey Type: MANUAL		
25	HI-03-A-11 STEVENSON ROAD INSHES INVERNESS	BUNGALOWS, INVERNESS	HIGHLAND
	Edge of Town Residential Zone Total Number of dwellings: 85 Survey date: MONDAY 05/06/06		
	Survey Type: MANUAL		
26	HI-03-A-13 KINGSMILLS ROAD	HOUSING, INVERNESS	HIGHLAND
	INVERNESS Edge of Town Residential Zone Total Number of dwellings: 9 Survey date: THURSDAY 21/05/09		
	Survey Type: MANUAL		
27	HI-03-A-14 CALEDONIAN ROAD DALNEIGH INVERNESS	SEMI-DETACHED, INVERNESS	HIGHLAND
	Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 73 Survey date: FRIDAY 13/05/11		
	Survey Type: MANUAL		
28	LC-03-A-22 CLIFTON DRIVE NORTH	BUNGALOWS, BLACKPOOL	LANCASHIRE
	BLACKPOOL Edge of Town Residential Zone Total Number of dwellings: 98 Survey date: TUESDAY 18/10/05		
	Survey Type: MANUAL		

LIST OF SITES relevant to selection parameters (Cont.)

29	LC-03-A-29 REVIDGE ROAD FOUR LANE ENDS BLACKBURN Edge of Town Residential Zone Total Number of dwellings: 185 Survey date: THURSDAY 10/06/04	DETACHED/SEMI D., BLACKBURN	LANCASHIRE	Survey Type: MANUAL
30	LE-03-A-01 REDWOOD AVENUE MELTON MOWBRAY Edge of Town Residential Zone Total Number of dwellings: 11 Survey date: TUESDAY 03/05/05	DETACHED, MELTON MOWBRAY	LEICESTERSHIRE	Survey Type: MANUAL
31	LN-03-A-01 BRANT ROAD BRACEBRIDGE LINCOLN Edge of Town Residential Zone Total Number of dwellings: 150 Survey date: TUESDAY 15/05/07	MIXED HOUSES, LINCOLN	LINCOLNSHIRE	Survey Type: MANUAL
32	LN-03-A-02 HYKEHAM ROAD LINCOLN Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 186 Survey date: MONDAY 14/05/07	MIXED HOUSES, LINCOLN	LINCOLNSHIRE	Survey Type: MANUAL
33	LN-03-A-03 ROOKERY LANE BOULTHAM LINCOLN Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 22 Survey date: TUESDAY 18/09/12	SEMI DETACHED, LINCOLN	LINCOLNSHIRE	Survey Type: MANUAL
34	MS-03-A-01 PALACE FIELDS AVENUE RUNCORN Neighbourhood Centre (PPS6 Local Centre) Residential Zone Total Number of dwellings: 372 Survey date: THURSDAY 06/10/05	TERRACED, RUNCORN	MERSEYSIDE	Survey Type: MANUAL
35	NT-03-A-03 B6018 SUTTON ROAD KIRKBY-IN-ASHFIELD Edge of Town Residential Zone Total Number of dwellings: 166 Survey date: WEDNESDAY 28/06/06	SEMI DETACHED, KIRKBY-IN-ASHFD	NOTTINGHAMSHIRE	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

36	NY-03-A-01 MIXED HOUSES,NORTHALLERTON GRAMMAR SCHOOL LANE NORTHALLERTON Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 52 Survey date: TUESDAY 25/09/07	NORTH YORKSHIRE Survey Type: MANUAL
37	NY-03-A-03 PRIVATE HOUSING, BOROUGHBRIDGE NEW ROW BOROUGHBRIDGE Edge of Town Centre Residential Zone Total Number of dwellings: 14 Survey date: MONDAY 15/09/08	NORTH YORKSHIRE Survey Type: MANUAL
38	NY-03-A-05 HOUSES AND FLATS, RIPON BOROUGHBRIDGE ROAD RIPON Edge of Town No Sub Category Total Number of dwellings: 71 Survey date: MONDAY 22/09/08	NORTH YORKSHIRE Survey Type: MANUAL
39	NY-03-A-06 BUNGALOWS/SEMI DET., BBDGE HORSEFAIR BOROUGHBRIDGE Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 115 Survey date: FRIDAY 14/10/11	NORTH YORKSHIRE Survey Type: MANUAL
40	PK-03-A-01 DETAC. & BUNGALOWS, PERTH TULLYLUMB TERRACE GORNHILL PERTH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 36 Survey date: WEDNESDAY 11/05/11	PERTH & KINROSS Survey Type: MANUAL
41	SF-03-A-01 SEMI DETACHED, IPSWICH A1156 FELIXSTOWE ROAD RACECOURSE IPSWICH Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: 77 Survey date: WEDNESDAY 23/05/07	SUFFOLK Survey Type: MANUAL
42	SF-03-A-02 SEMI DET./TERRACED, IPSWICH STOKE PARK DRIVE MAIDENHALL IPSWICH Edge of Town Residential Zone Total Number of dwellings: 230 Survey date: THURSDAY 24/05/07	SUFFOLK Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

43	SF-03-A-03	MIXED HOUSES, BURY ST EDMDS	SUFFOLK
		BARTON HILL	
		FORNHAM ST MARTIN	
		BURY ST EDMUNDS	
		Edge of Town	
		Out of Town	
		Total Number of dwellings:	101
		Survey date: MONDAY	15/05/06
			Survey Type: MANUAL
44	SH-03-A-03	DETACHED, SHREWSBURY	SHROPSHIRE
		SOMERBY DRIVE	
		BICTON HEATH	
		SHREWSBURY	
		Edge of Town	
		No Sub Category	
		Total Number of dwellings:	10
		Survey date: FRIDAY	26/06/09
			Survey Type: MANUAL
45	SH-03-A-04	TERRACED, SHREWSBURY	SHROPSHIRE
		ST MICHAEL'S STREET	
		SHREWSBURY	
		Suburban Area (PPS6 Out of Centre)	
		No Sub Category	
		Total Number of dwellings:	108
		Survey date: THURSDAY	11/06/09
			Survey Type: MANUAL
46	SR-03-A-01	DETACHED, STIRLING	STIRLING
		BENVIEW	
		STIRLING	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	115
		Survey date: MONDAY	23/04/07
			Survey Type: MANUAL
47	ST-03-A-05	TERRACED/DETACHED, STOKE	STAFFORDSHIRE
		WATERMEET GROVE	
		ETRURIA	
		STOKE-ON-TRENT	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	14
		Survey date: WEDNESDAY	26/11/08
			Survey Type: MANUAL
48	TV-03-A-01	MIXED HOUSES/FLATS, HARTLEPL	TEES VALLEY
		POWLETT ROAD	
		HARTLEPOOL	
		Suburban Area (PPS6 Out of Centre)	
		No Sub Category	
		Total Number of dwellings:	225
		Survey date: THURSDAY	14/04/05
			Survey Type: MANUAL
49	WL-03-A-01	SEMI D./TERRACED W. BASSETT	WILTSHIRE
		MAPLE DRIVE	
		WOOTTON BASSETT	
		Edge of Town	
		Residential Zone	
		Total Number of dwellings:	99
		Survey date: MONDAY	02/10/06
			Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

50	WM-03-A-01	TERRACED, COVENTRY	WEST MIDLANDS
		FOLESHILL ROAD	
		FOLESHILL	
		COVENTRY	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	79
		Survey date: FRIDAY	03/02/06
			Survey Type: MANUAL
51	WM-03-A-02	DETACHED/SEMI D., STRBRIDGE	WEST MIDLANDS
		HEATH STREET	
		STOURBRIDGE	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	12
		Survey date: WEDNESDAY	26/04/06
			Survey Type: MANUAL
52	WM-03-A-03	MIXED HOUSING, COVENTRY	WEST MIDLANDS
		BASELEY WAY	
		ROWLEYS GREEN	
		COVENTRY	
		Edge of Town	
		Residential Zone	
		Total Number of dwellings:	84
		Survey date: MONDAY	24/09/07
			Survey Type: MANUAL
53	WO-03-A-01	DETACHED, BROMSGROVE	WORCESTERSHIRE
		MARLBOROUGH AVENUE	
		ASTON FIELDS	
		BROMSGROVE	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	10
		Survey date: THURSDAY	23/06/05
			Survey Type: MANUAL
54	WO-03-A-02	SEMI DETACHED, REDDITCH	WORCESTERSHIRE
		MEADOWHILL ROAD	
		REDDITCH	
		Edge of Town	
		No Sub Category	
		Total Number of dwellings:	48
		Survey date: TUESDAY	02/05/06
			Survey Type: MANUAL
55	WO-03-A-03	DETACHED, KIDDERMINSTER	WORCESTERSHIRE
		BLAKEBROOK	
		BLAKEBROOK	
		KIDDERMINSTER	
		Suburban Area (PPS6 Out of Centre)	
		Residential Zone	
		Total Number of dwellings:	138
		Survey date: FRIDAY	05/05/06
			Survey Type: MANUAL
56	WO-03-A-06	DET./TERRACED, BROMSGROVE	WORCESTERSHIRE
		ST GODWALDS ROAD	
		ASTON FIELDS	
		BROMSGROVE	
		Edge of Town	
		No Sub Category	
		Total Number of dwellings:	232
		Survey date: THURSDAY	30/06/05
			Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

57	WR-03-A-01	SEMI DETACHED, WREXHAM	WREXHAM
	MOLD ROAD		
	RHOSDDU		
	WREXHAM		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	82	
	Survey date: MONDAY	05/07/04	Survey Type: MANUAL

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

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
 MULTI-MODAL TOTAL PEOPLE
 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	57	92	0.114	57	92	0.395	57	92	0.509
08:00 - 09:00	57	92	0.253	57	92	0.837	57	92	1.090
09:00 - 10:00	57	92	0.265	57	92	0.342	57	92	0.607
10:00 - 11:00	57	92	0.234	57	92	0.302	57	92	0.536
11:00 - 12:00	57	92	0.278	57	92	0.278	57	92	0.556
12:00 - 13:00	57	92	0.300	57	92	0.282	57	92	0.582
13:00 - 14:00	57	92	0.292	57	92	0.291	57	92	0.583
14:00 - 15:00	57	92	0.307	57	92	0.312	57	92	0.619
15:00 - 16:00	57	92	0.602	57	92	0.365	57	92	0.967
16:00 - 17:00	57	92	0.569	57	92	0.362	57	92	0.931
17:00 - 18:00	57	92	0.619	57	92	0.381	57	92	1.000
18:00 - 19:00	57	92	0.441	57	92	0.369	57	92	0.810
19:00 - 20:00	3	36	0.018	3	36	0.009	3	36	0.027
20:00 - 21:00	3	36	0.009	3	36	0.000	3	36	0.009
21:00 - 22:00	2	40	0.000	2	40	0.000	2	40	0.000
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			4.301			4.525			8.826

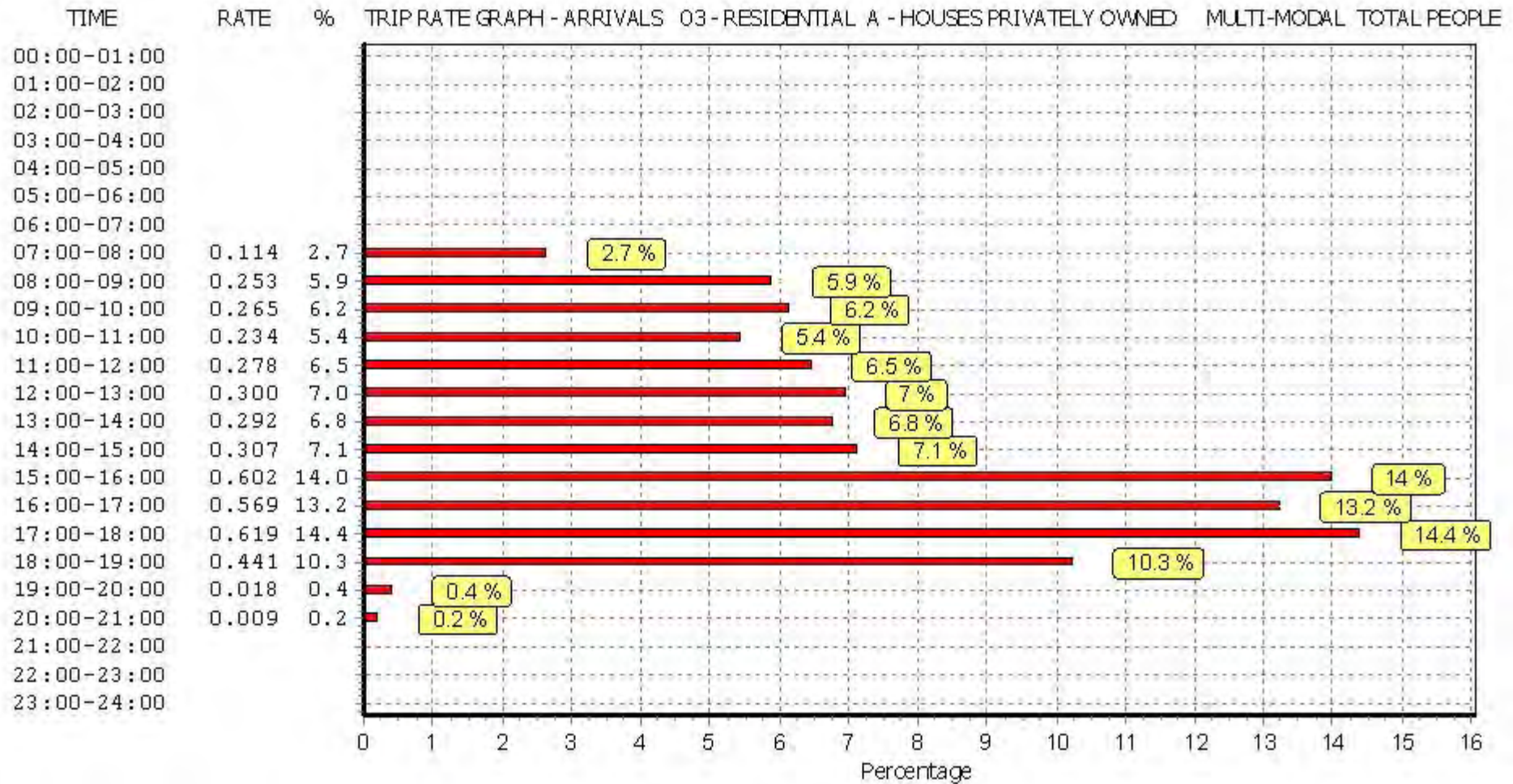
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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.

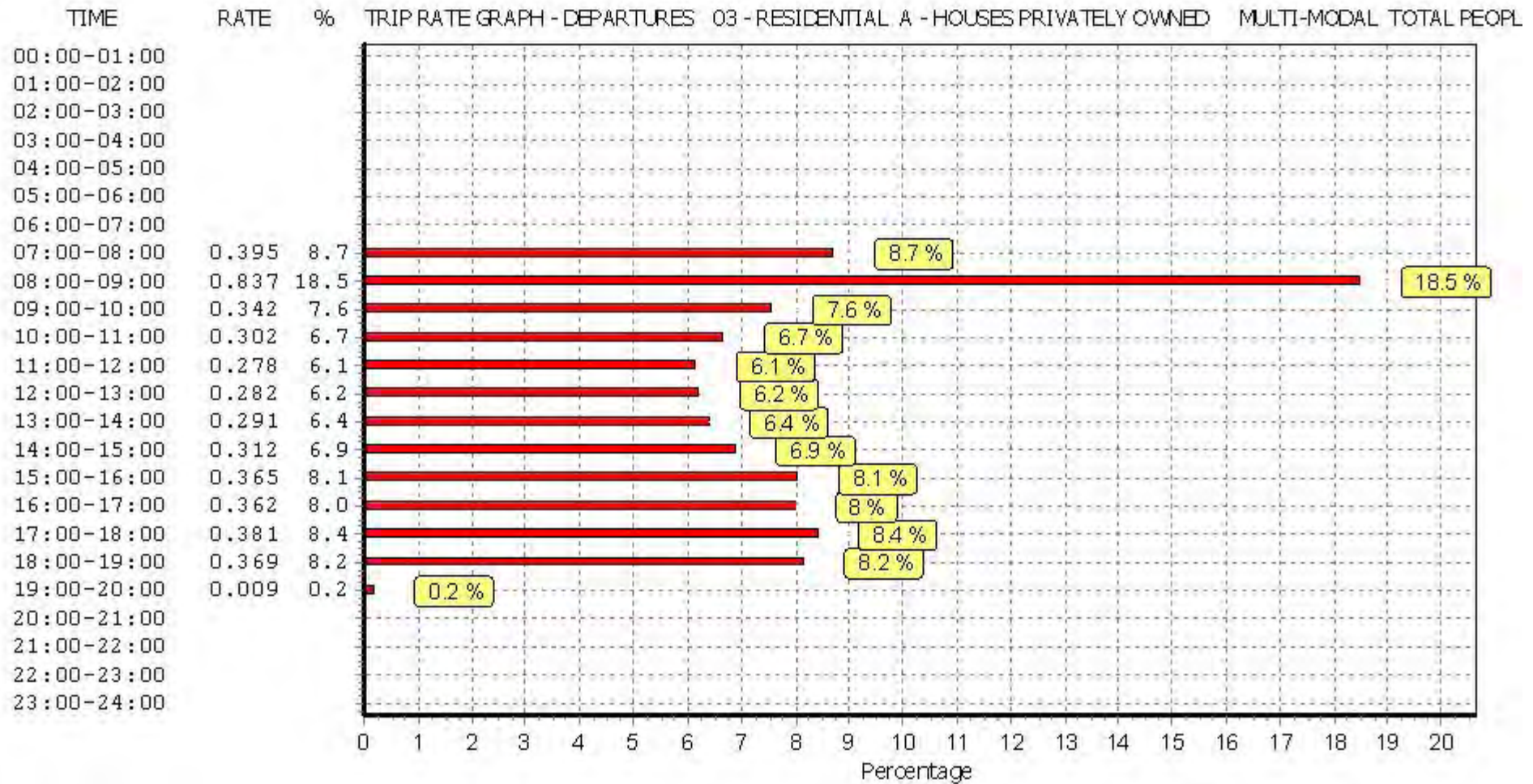
Parameter summary

Trip rate parameter range selected: 7 - 372 (units:)
 Survey date date range: 01/01/04 - 22/09/12
 Number of weekdays (Monday-Friday): 57
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 1

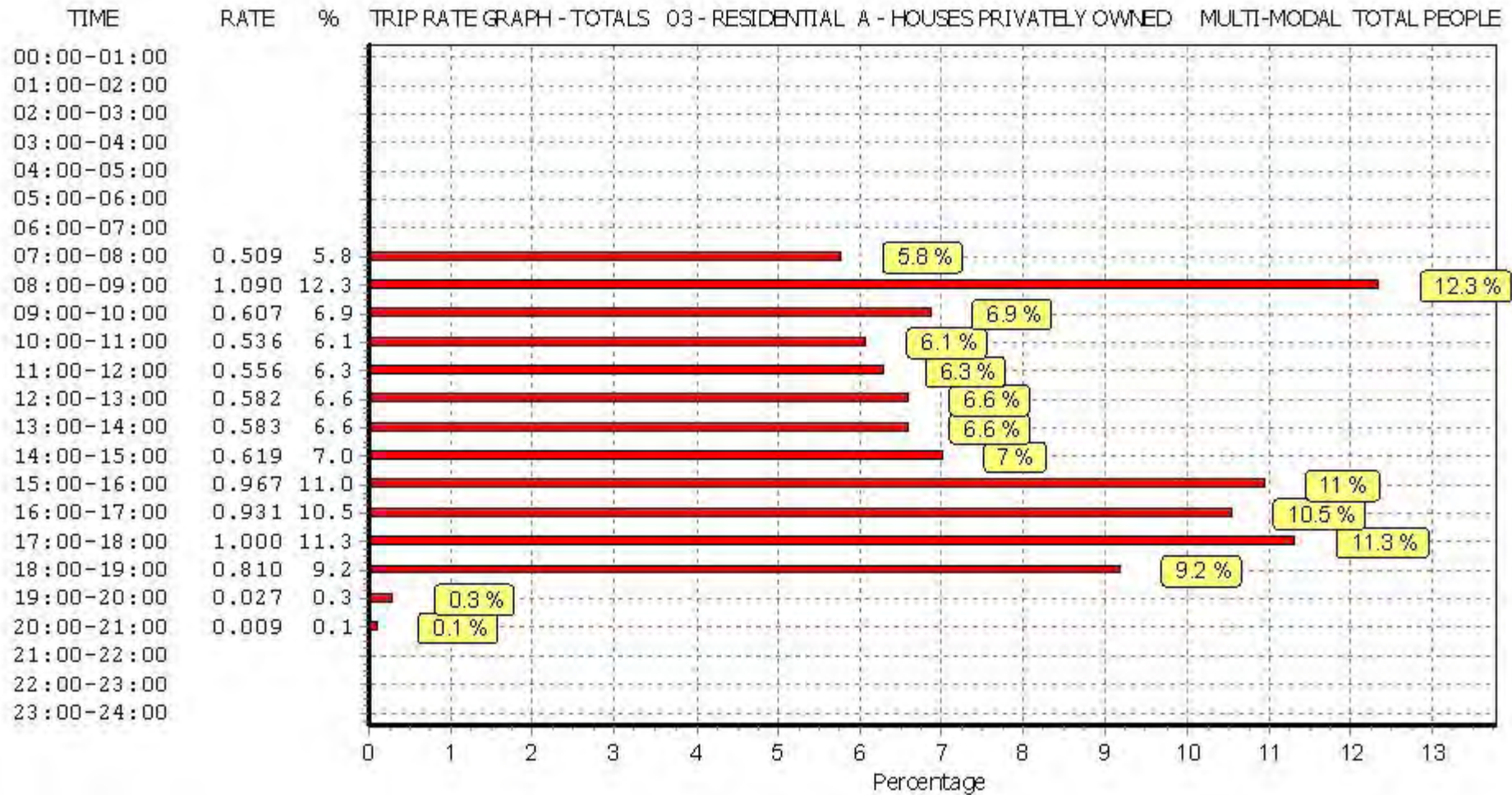
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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



This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.



This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.



This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.