

acstro

Travel Plan

**Residential Development
Dol y Dintir
New Mill Road
Cardigan
Ceredigion**

September 2024

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Revision History

A	6 th September 2024	First Issue

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1 Introduction

- 1.1 Acstro has been appointed by Wales & West Housing Association (WWHA) to prepare a Travel Plan to support a planning application for the construction of 51 dwellings on land north adjacent to New Mill Road, Cardigan, Ceredigion. The site is currently undeveloped and in agricultural use.
- 1.2 The site's general location is shown in Figure 1 below.



Figure 1 Location Plan

- 1.3 The ultimate aim of any Travel Plan should be to influence long-term changes in travel behaviour by providing the right package of measures that promote and value sustainable transport initiatives. It is crucial to the success of a Travel Plan that the measures are site specific and tailored to the needs of the existing and future users of the site.
- 1.4 This Travel Plan aligns with the Welsh Government's vision for how the country's transport system can help deliver on a pathway to creating a more prosperous, green and equal society. This is set out in Llwybr Newydd – The Wales Transport Strategy 2021, which lists its priorities as being:

1. Bringing services to people in order to reduce the need to travel. To this end a target has been set that of 30% of the workforce works remotely on a regular basis.
 2. Allow people and goods to move easily from door to door by accessible, sustainable and efficient transport services and infrastructure.
 3. Encourage people to make the change to more sustainable transport.
- 1.5 Modal shift is at the heart of Llwybr Newydd. This means the proportion of trips made by sustainable modes increases and fewer trips are made by private cars.
- 1.6 The Welsh Government has set a target of 45% of journeys to be made by public transport, walking and cycling by 2040. This represents an increase of 13 percentage points on the estimated baseline (2021) mode share of 32%.

Benefits of a Travel Plan

- 1.7 Travel Plans support planning policy in their objective to deliver sustainable development. Travel Plans reduce the number of single occupancy car trips and promote greater use of sustainable modes of transport such as public transport, cycling or walking.
- 1.8 A reduction in the number of private vehicle journeys has the potential to reduce the type and volume of pollutants released into the atmosphere, which are contributing to climate change and having a detrimental effect on health.
- 1.9 A reduction in single occupancy car trips can result in a reduction in peak period traffic congestion, fewer road traffic accidents, reduced stress, healthier lifestyles, better productivity, environmental protection, improved access for residents, visitors, and deliveries, and genuine reduction in social exclusion through the provision of choice between modes of transport.

2 Location & Accessibility

- 2.1 The site is located at the eastern edge of Cardigan, approximately 1.4km from the town centre.
- 2.2 The site is currently undeveloped and in agricultural use. Along its eastern and southern boundaries is New Mill Road, Immediately to the west there is residential development (Heol y Wern).

Proximity to Services and Amenities

- 2.3 The application site is well-placed to offer future residents access to a range of services and amenities within a short walk. A selection of these is summarised in the table below.

Amenity	Walk Distance / Time
B&M Store / Garden Centre	190m / 2Minutes
Bus Stop (Aberystwyth Road)	260m / 3 Minutes
Tesco Store	400m / 5 Minutes
Aldi Store	650m / 7 Minutes
Cardigan RFC / Gwbert Road Playing Field / Playground	1000m / 11 Minutes
Ysgol Uwchradd Aberteifi (Secondary School)	1100m / 12 Minutes
Ysgol Gynradd Aberteifi (Primary School)	1300m / 15 Minutes
Cardigan Town Centre	1400m / 16 Minutes

Table 1 Local Amenities

Active Travel

- 2.4 The Active Travel (Wales) Act 2013 is Welsh Government legislation aimed to support an increase in the level of walking and cycling in Wales; to encourage a shift in travel behaviour to active travel modes, and to facilitate the building of walking and cycling infrastructure.
- 2.5 The Active Travel (Wales) Act 2013 requires local authorities in Wales to produce maps of walking and cycling networks in their local area, known as Active Travel Network Maps (ATNMs). These maps are designed to show two main things:
- **Existing routes** – those current walking and cycling routes that already meet Welsh Government active travel standards, meaning they can be readily used for everyday journeys, and
 - **Future routes** – new routes that the local authority proposes to create in the future, as well as current routes that are planned for improvement to bring them up to the standards.



Figure 2 Extract from Active Travel Network Map (Source: DataMapWales)

- 2.6 There are a number of existing and future active travel routes in the vicinity of the site including the existing walking and cycling route CCC CAR12 SUP and the existing walking route CCC CAR08 FW. The site’s accessibility for active travel modes is discussed in more detail in the following chapter.
- 2.7 The range of amenities listed in the table above are all within less than 20 minutes’ walk of the site. The entire town is within no more than a 30 minute walk of the site. The day-to-day needs of residents of the proposed development are therefore all within walking distance to the site. This increases the probability that those services will be accessed by foot, reducing reliance on the car. It also means that residents of the development without access to a car are not disadvantaged and socially excluded.
- 2.8 There are good quality footways located throughout the town providing for safe pedestrian movement. The existing footway network terminates near the New Mill Road / Aberystwyth Road junction, some 120m to the west of the application site. A new length of footway will be required therefore to link the development to the existing pedestrian network.

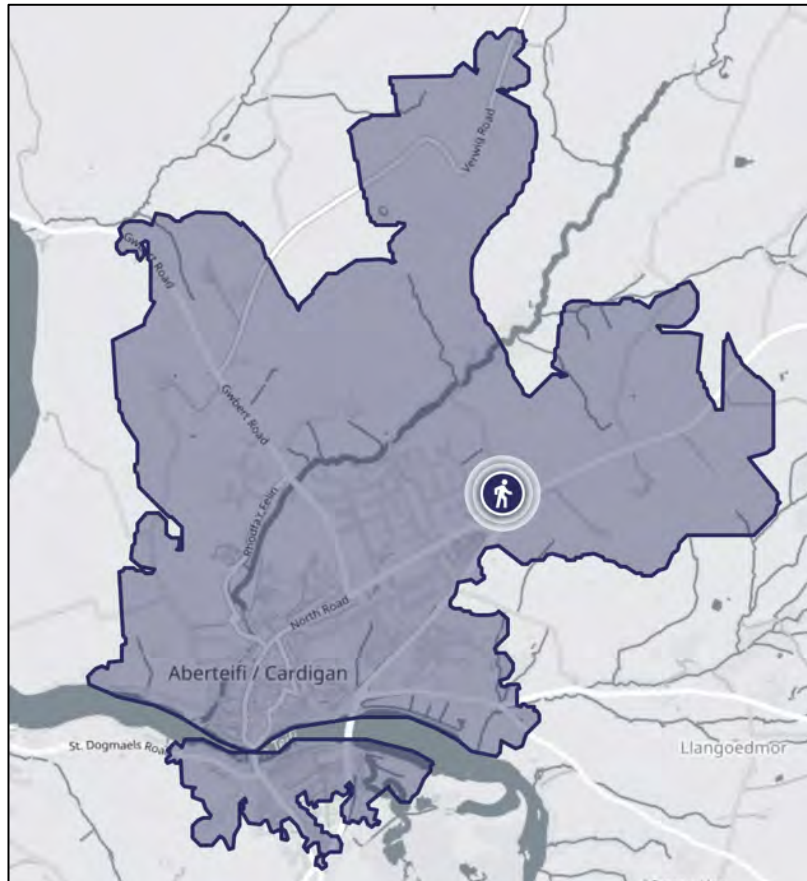


Figure 3 30-Minute Walk Catchment

- 2.9 The Chartered Institution of Highways and Transportation's 'Planning for Cycling' (2014) states that 'cycle use is more seasonal than for other modes, with up to twice as many cyclists in summer compared with winter. The majority of cycling trips are for short distances, with 80% being less than five miles (8km) and with 40% being less than two miles (3km). However, the majority of trips by all modes are also short distances (67% are less than five miles, and 38% are less than two miles); therefore, the bicycle is a potential mode for many of these trips (National Travel Survey, 2013, Department for Transport).'
- 2.10 The town centre is a 5-minute cycle ride from the application site. There is a shared cycle / footway alongside the A487 that passes within some 200m of the application site. This provides a link to Pont-y-Cleifion and the Parc Teifi Business Park to the south and east of the town centre.
- 2.11 National Cycle Network Route 82, a long distance cycle route that links Fishguard and Bangor, passes through Cardigan, along the southern bank of the Teifi.

Public Transport

2.12 The nearest bus stops to the site are located on Aberystwyth Road, some 260m to the west of the site. They provide access to the 552 and X50 bus services, which are summarised in the following table.

Service No.	Route	General Frequency
408	Cardigan – St Dogmael’s – Poppet Sands	4 Journeys per day (Mon – Fri)
460	Cardigan – Carmarthen	Approximately Hourly (Mon – Sat)
552	Cardigan – Quay West via Aberporth	2 Journeys per day (Tues – Sun)
T5	Haverfordwest – Cardigan – Aberystwyth	Approximately Hourly (Mon – Fri) Every 2 Hours (Sat) Every 3 Hours (Sun)
X50	Cardigan - Aberaeron	1 Journey per day (Mon – Sat)

Table 2 Local Bus Services

Summary

- 2.13 The site is in a sustainable and accessible location. The site is, or can be made, accessible to pedestrians, cyclists and public transport users. This increases the possibility that journeys generated by the development can be made by sustainable forms of transport.
- 2.14 There is a good range of services and facilities that cater for the day-to-day needs of future residents of the site available within reach by sustainable methods of travel. This reduces the need to travel by car and ensures that future residents without access to cars are not socially excluded.

3 Proposed Development

3.1 The planning application is for the construction of 51 dwellings.



Figure 4 Proposed Development

3.2 The site will be served by an adoptable estate road that has a 5.5m wide carriageway and 2m footways on both sides. Turning heads capable of accommodating refuse vehicles will be provided at the northern ends of the two cul-de-sacs.

- 3.3 The access to the development will be from New Mill Road. A new, 2m wide footway, will be constructed along the northern verge of New Mill Road to connect the development to the existing footway that currently terminates near the Aberystwyth Road junction.
- 3.4 A pedestrian access to and from New Mill Road is also provided at the site’s north eastern corner. This will benefit existing pedestrians using New Mill Road allowing them to walk through the development site, along segregated footways rather than along the existing unsegregated route along New Mill Road. The walking route through the development also reduces the walk distance compared to the route around the perimeter of the site.

Trip Generation

- 3.5 The potential vehicle trip generation of the proposed development of the sites has been estimated by reference to the TRICS trip rate database, a database of over 8,000 traffic surveys of various types of development throughout the UK and Ireland.
- 3.6 From the TRICS database evidence of the trip rates of privately owned housing developments in suburban and edge of town locations in mainland Britain (excluding Greater London) have been analysed.
- 3.7 The use of trip rates for privately owned homes ensures a robust appraisal as it makes no allowance for the lower car ownership and trip generation rates typically associated with affordable housing.
- 3.8 The detailed TRICS output is provided as Appendix 1 and summarised in the following tables.

Appendix 1 TRICS Trip Rate Data

Time Range	Trip Rate per Dwelling			Trip Generation (67 Dwellings)		
	Arrivals	Departures	Total	Arrivals	Departures	Total
am peak Hour 08:00-09:00	0.137	0.37	0.507	7	19	26
pm Peak Hour 17:00-18:00	0.341	0.16	0.501	17	8	26

Table 3 Vehicle Trip Rates & Proposed Development Trip Generation

- 3.9 The TRICS data suggests that the site has the potential to generate around 26 peak hour vehicle movements.

Method of Travel

- 3.10 The 2011 Census¹ provides information on the method of travel to work for Cardigan's² population, which is summarised below. Some 77% of trips are made in a car (70% as a driver, 7% as a passenger).

Method of travel to work	Proportion
Public Transport	3%
Motorcycle, scooter or moped	0%
Driving a car or van	70%
Passenger in a car or van	7%
Bicycle	1%
On foot	18%

Table 4 2011 Census Data – Method of Travel to Work

- 3.11 A total of 22% of trips are made by the most sustainable modes of transport; walking, cycling or by public transport.
- 3.12 The Welsh Government has set a target of 45% of journeys to be made by public transport, walking and cycling by 2040. This compares to a national baseline figure of 32% in 2021. The sustainable mode share figure for Cardigan is significantly lower than the national baseline and this is likely to be a reflection of Ceredigion's rural nature and more limited opportunities for walking, cycling and public transport travel for utility journeys.
- 3.13 It is considered unrealistic therefore that the national target of 45% of all trips by sustainable modes can be achieved for a development in Cardigan. As a result it is considered more appropriate that the target of this Travel Plan will be to increase the proportion of trips made by sustainable modes of travel from the anticipated baseline by approximately one-tenth; from 22% to 25%.

¹ 2021 Census travel to work data has not been used due to that Census taking place during Covid restrictions when travel patterns were greatly impacted.

² Super Output Middle Layer – Ceredigion 009

4 Travel Plan

Travel Plan Aims

- 4.1 It is important that the Travel Plan has a focus and direction in what it is trying to achieve. This can be accomplished through the identification of Travel Plan aims, which are realistic and site specific. The aims of this Travel Plan are:
- To widen the travel options available to all users of the development. It is vitally important that the users of the development are made fully aware of the sustainable transport choices available to them from the opening of the site so that sustainable travel habits are established from the outset. The focus of the Travel Plan will be to inform the residents of the proposed development of the travel options available to them.
 - To improve the health of all users to the site. Current Government advice for living a healthier lifestyle is to engage in moderate exercise (that raises your breathing and heart rate) for 30 minutes a day. This Travel Plan aims to encourage greater take up of walking and cycling to the site within the area.
 - To carefully monitor and manage the Travel Plan. It is imperative to the success of the Travel Plan that there are the right mechanisms in place to monitor and manage it so that it is effective year on year.

Travel Plan Co-ordinator

- 4.2 For a Travel Plan to succeed, it must be treated as an ongoing programme, requiring regular management input. Experience has shown that the most successful Travel Plans have a dedicated Travel Plan Co-ordinator (TPC). The TPC is vital as they provide the focus for the Travel Plan to promote, implement and monitor it.
- 4.3 The development's TPC will be appointed at least 3 months prior to the first occupation. The TPC's contact details will be provided to the LPA.
- 4.4 The duties of the TPC will include:
- The introduction of Travel Plan initiatives;
 - To promote and encourage the increased use of alternative modes of transport and to provide general and specific information on the options available;
 - To encourage participation and compliance with Travel Plan policies;
 - Organise & encourage site wide participation in local and national travel events e.g. Walk to Work Week, Bike Week, Liftshare Week;
 - Produce Travel Information packs to all new residents;
 - To arrange regular travel surveys and monitoring reports;
 - To act as a point of contact and provide information relating to the operation of the Travel Plan to relevant parties;
 - To review, update and implement Travel Plan measures, as appropriate, within specified timescales and with the agreement of all parties; and
 - Liaison with other TPC's from other nearby organisations, to optimise Travel Plan initiatives, for example, car sharing opportunities;

- 4.5 Details of the Travel Plan will be provided within Welcome Packs provided to all new residents. Within the welcome pack will be the contact details of the TPC and those wishing to play a part in steering the ongoing development of the Travel Plan will be invited to make contact.

Travel Surveys & Travel Plan Targets

- 4.6 Travel surveys are vital in understanding the travel patterns of all users to the site. By gaining an understanding of actual and perceived barriers to sustainable transport choices it will enable an assessment for the scope to influence modal shift.
- 4.7 Travel surveys will be undertaken within 3 months of the site's first occupation and conducted annually thereafter to compare changes in travel behaviour. Data will be gathered by way of a questionnaire that will be circulated to the residents. Analysis of the survey results will allow the TPC to identify the measures with the greatest chance of success in terms of achieving the Travel Plan's aims. An example of the questionnaire that will be used for the survey is included as Appendix 2.

Appendix 2 Travel Survey Questionnaire

- 4.8 The target of this Travel Plan is to reduce the proportion single occupant vehicle trips by one-tenth.

5 Travel Plan Measures

- 5.1 This Travel Plan comprises a range of initiatives and measures to promote sustainable travel choice

Welcome Packs

- 5.2 The main elements of the Travel Plan will include the preparation and dissemination of information and publicity material to encourage walking, cycling and the use of public transport. These will take the form of a Welcome Pack that will be provided to all new residents of the development.

Walking

- 5.3 Walking as a form of transport will be actively promoted. The TPC will investigate the potential for introducing incentives for residents to walk more often. These may include:

- Promotion of walking as a healthy form of transport;
- Details of locations of local amenities and safe walking routes to them provided within Welcome Packs;
- Details of bus services & stops and other facilities within walking distance publicised;
- Promotion of the discoverceredigion.com website

Cycling

- 5.4 In order to encourage this form of transport the following measures will be implemented:

- Promotion of walking as a healthy form of transport;
- Details of locations of local amenities and safe walking routes to them provided within Welcome Packs;
- Promotion of the discoverceredigion.com website
- Promotional events e.g. Cycle to Work Week.

Public Transport

- 5.5 In order to encourage the use of public transport the following measures will be introduced:

- Promotion of public transport as a form of transport;
- Details of bus stop locations, route maps, timetables and fare information included within Welcome Packs;
- Websites that provide bus service information and route planning will be promoted e.g. www.traveline.cymru

Car Users

5.6 The following measures are designed to reduce the number of single occupant car journeys generated by the development:

- The TPC will encourage residents to choose to travel on foot, by bicycle or on public transport wherever possible. Where journeys must be made by car the TPC will promote and encourage car-sharing.
- Potential car-sharers will be encouraged to visit car-sharing database websites, for example 'www.liftshare.com/wales'.

Monitoring Strategy

5.7 The ongoing monitoring and review of the Travel Plan is a vital component in assessing progress and for highlighting any changes that may be required in the Travel Plan to meet the targets set. As a 'living manual' the Travel Plan can adapt to changes in travel behaviour highlighted in the annual travel survey.

5.8 Travel surveys will be undertaken annually. This will ensure that the success or otherwise of various measures can be identified and adjusted accordingly. The results of the surveys and actions that emanate from their analysis will be recorded and made available to the LPA upon request.

5.9 The Travel Plan and the measures contained within it will be managed for 5 years after the completion and occupation of the development. After this, a comprehensive review, in consultation with the LPA, will take place to assess the success of the Travel Plan and the future direction it should take.

Travel Plan Timetable

5.10 Below is a summary of the key actions and their proposed timing.

Timetable	Action
At least 3 months prior to the first occupation.	Appoint TPC & inform LPA of his/her contact details.
Prior to the first occupation of the development.	Prepare Travel Plan Welcome Packs
Include with Marketing Materials & Welcome Packs	Detail of the Travel Plan & TPC. Include details of facilities within walking & cycling distance and those accessible by public transport. Include route maps and information regarding car sharing.
Within 3 months of first occupation	Travel Survey & repeated annually thereafter.
Within 6 months of first occupation	Finalise the measures to be contained within the Travel Plan & Inform LPA.
Ongoing from the start of the occupation	Promotion and marketing of the Travel Plan
12 months after the initial travel survey & annually thereafter.	Undertake monitoring surveys, analyse results and adjust the Travel Plan accordingly

Table 5 Travel Plan Actions

Appendix 1 TRICS Trip Rate Data

Calculation Reference: AUDIT-648801-221207-1248

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	BO BEDFORD	1 days
	CT CENTRAL BEDFORDSHIRE	1 days
	ES EAST SUSSEX	4 days
	EX ESSEX	2 days
	HC HAMPSHIRE	8 days
	HF HERTFORDSHIRE	2 days
	KC KENT	5 days
	MW MEDWAY	1 days
	SC SURREY	3 days
	SP SOUTHAMPTON	1 days
	WS WEST SUSSEX	5 days
03	SOUTH WEST	
	BC BOURNEMOUTH CHRISTCHURCH & POOLE	1 days
	DC DORSET	1 days
	DV DEVON	2 days
	SD SWINDON	1 days
	SM SOMERSET	1 days
	TB TORBAY	1 days
04	EAST ANGLIA	
	NF NORFOLK	10 days
	PB PETERBOROUGH	1 days
	SF SUFFOLK	3 days
05	EAST MIDLANDS	
	DY DERBY	1 days
	LN LINCOLNSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	ST STAFFORDSHIRE	3 days
	WK WARWICKSHIRE	2 days
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NE NORTH EAST LINCOLNSHIRE	1 days
	NY NORTH YORKSHIRE	3 days
08	NORTH WEST	
	AC CHESHIRE WEST & CHESTER	1 days
	EC CHESHIRE EAST	1 days
	LC LANCASHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
	DH DURHAM	2 days
10	WALES	
	PS POWYS	2 days
	VG VALE OF GLAMORGAN	1 days

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

Primary Filtering selection:

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

Parameter: No of Dwellings
 Actual Range: 8 to 371 (units:)
 Range Selected by User: 6 to 400 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 30/06/22

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	18 days
Tuesday	13 days
Wednesday	23 days
Thursday	15 days
Friday	9 days

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

Selected survey types:

Manual count	72 days
Directional ATC Count	6 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	7
Suburban Area (PPS6 Out of Centre)	14
Edge of Town	57

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	72
Village	1
Out of Town	3
No Sub Category	2

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 78 days

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

Population within 500m Range:

All Surveys Included

Secondary Filtering selection (Cont.):

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	5 days
5,001 to 10,000	18 days
10,001 to 15,000	26 days
15,001 to 20,000	10 days
20,001 to 25,000	10 days
25,001 to 50,000	8 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	14 days
25,001 to 50,000	7 days
50,001 to 75,000	9 days
75,001 to 100,000	12 days
100,001 to 125,000	2 days
125,001 to 250,000	25 days
250,001 to 500,000	9 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	21 days
1.1 to 1.5	53 days
1.6 to 2.0	3 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	32 days
No	46 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	77 days
2 Poor	1 days

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

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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LIST OF SITES relevant to selection parameters

1	AC-03-A-04	TOWN HOUSES		CHESHIRE WEST & CHESTER
	LONDON ROAD			
	NORTHWICH			
	LEFTWICH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total No of Dwellings:		24	
	Survey date: THURSDAY		06/06/19	Survey Type: MANUAL
2	BC-03-A-02	BUNGALOWS		BOURNEMOUTH CHRISTCHURCH & POOLE
	HURSTDENE ROAD			
	BOURNEMOUTH			
	CASTLE LANE WEST			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		28	
	Survey date: MONDAY		24/03/14	Survey Type: MANUAL
3	BO-03-A-01	DETACHED HOUSES		BEDFORD
	CARNOUSTIE DRIVE			
	BEDFORD			
	GREAT DENHAM			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		30	
	Survey date: THURSDAY		15/10/20	Survey Type: MANUAL
4	CB-03-A-05	DETACHED/TERRACED HOUSING		CUMBRIA
	MACADAM WAY			
	PENRITH			
	Edge of Town Centre			
	Residential Zone			
	Total No of Dwellings:		50	
	Survey date: TUESDAY		21/06/16	Survey Type: MANUAL
5	CT-03-A-01	MIXED HOUSES		CENTRAL BEDFORDSHIRE
	ARLESEY ROAD			
	STOTFOLD			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		46	
	Survey date: WEDNESDAY		22/06/22	Survey Type: MANUAL
6	DC-03-A-09	MIXED HOUSES		DORSET
	A350			
	SHAFTESBURY			
	Edge of Town			
	No Sub Category			
	Total No of Dwellings:		50	
	Survey date: FRIDAY		19/11/21	Survey Type: MANUAL
7	DH-03-A-01	SEMI DETACHED		DURHAM
	GREENFIELDS ROAD			
	BISHOP AUCKLAND			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total No of Dwellings:		50	
	Survey date: TUESDAY		28/03/17	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	DH-03-A-03 PILGRIMS WAY DURHAM	SEMI -DETACHED & TERRACED	DURHAM
	Edge of Town Residential Zone Total No of Dwellings: 57 <i>Survey date: FRIDAY 19/10/18</i>		<i>Survey Type: MANUAL</i>
9	DV-03-A-02 MILLHEAD ROAD HONITON	HOUSES & BUNGALOWS	DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 116 <i>Survey date: FRIDAY 25/09/15</i>		<i>Survey Type: MANUAL</i>
10	DV-03-A-03 LOWER BRAND LANE HONITON	TERRACED & SEMI DETACHED	DEVON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 70 <i>Survey date: MONDAY 28/09/15</i>		<i>Survey Type: MANUAL</i>
11	DY-03-A-01 RADBOURNE LANE DERBY	MIXED HOUSES	DERBY
	Edge of Town Residential Zone Total No of Dwellings: 371 <i>Survey date: TUESDAY 10/07/18</i>		<i>Survey Type: MANUAL</i>
12	EC-03-A-06 GREYSTOKE ROAD MACCLESFIELD HURDSFIELD	TERRACED HOUSES	CHESHIRE EAST
	Edge of Town Residential Zone Total No of Dwellings: 24 <i>Survey date: MONDAY 24/11/14</i>		<i>Survey Type: MANUAL</i>
13	ES-03-A-03 SHEPHAM LANE POLEGATE	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 212 <i>Survey date: MONDAY 11/07/16</i>		<i>Survey Type: MANUAL</i>
14	ES-03-A-04 NEW LYDD ROAD CAMBER	MIXED HOUSES & FLATS	EAST SUSSEX
	Edge of Town Residential Zone Total No of Dwellings: 134 <i>Survey date: FRIDAY 15/07/16</i>		<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

15	ES-03-A-05 RATTLE ROAD NEAR EASTBOURNE STONE CROSS Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	MIXED HOUSES & FLATS	99 05/06/19	EAST SUSSEX	<i>Survey Type: MANUAL</i>
16	ES-03-A-07 NEW ROAD HAILSHAM HELLINGLY Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: THURSDAY</i>	MIXED HOUSES & FLATS	91 07/11/19	EAST SUSSEX	<i>Survey Type: MANUAL</i>
17	EX-03-A-02 MANOR ROAD CHIGWELL GRANGE HILL Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: MONDAY</i>	DETACHED & SEMI-DETACHED	97 27/11/17	ESSEX	<i>Survey Type: MANUAL</i>
18	EX-03-A-03 KESTREL GROVE RAYLEIGH Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: MONDAY</i>	MIXED HOUSES	123 27/09/21	ESSEX	<i>Survey Type: MANUAL</i>
19	HC-03-A-21 PRIESTLEY ROAD BASINGSTOKE HOUNDMILLS Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: TUESDAY</i>	TERRACED & SEMI-DETACHED	39 13/11/18	HAMPSHIRE	<i>Survey Type: MANUAL</i>
20	HC-03-A-22 BOW LAKE GARDENS NEAR EASTLEIGH BISHOPSTOKE Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	MIXED HOUSES	40 31/10/18	HAMPSHIRE	<i>Survey Type: MANUAL</i>
21	HC-03-A-23 CANADA WAY LIPHOOK Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: <i>Survey date: TUESDAY</i>	HOUSES & FLATS	62 19/11/19	HAMPSHIRE	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

22	HC-03-A-24 STONEHAM LANE EASTLEIGH	MIXED HOUSES & FLATS		HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		243	
	<i>Survey date: WEDNESDAY</i>		<i>10/11/21</i>	<i>Survey Type: MANUAL</i>
23	HC-03-A-26 BOTLEY ROAD WHITELEY	MIXED HOUSES & FLATS		HAMPSHIRE
	Edge of Town Out of Town Total No of Dwellings:		270	
	<i>Survey date: THURSDAY</i>		<i>24/06/21</i>	<i>Survey Type: MANUAL</i>
24	HC-03-A-27 DAIRY ROAD ANDOVER	MIXED HOUSES		HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		73	
	<i>Survey date: TUESDAY</i>		<i>16/11/21</i>	<i>Survey Type: MANUAL</i>
25	HC-03-A-28 EAGLE AVENUE WATERLOOVILLE LOVEDEAN	MIXED HOUSES & FLATS		HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		125	
	<i>Survey date: MONDAY</i>		<i>08/11/21</i>	<i>Survey Type: MANUAL</i>
26	HC-03-A-29 CROW LANE RINGWOOD CROW	MIXED HOUSES & FLATS		HAMPSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		195	
	<i>Survey date: THURSDAY</i>		<i>30/06/22</i>	<i>Survey Type: MANUAL</i>
27	HF-03-A-03 HARE STREET ROAD BUNTINGFORD	MIXED HOUSES		HERTFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		160	
	<i>Survey date: MONDAY</i>		<i>08/07/19</i>	<i>Survey Type: MANUAL</i>
28	HF-03-A-04 HOLMSIDE RISE WATFORD SOUTH OXHEY	TERRACED HOUSES		HERTFORDSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		8	
	<i>Survey date: TUESDAY</i>		<i>08/06/21</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

29	KC-03-A-03 HYTHE ROAD ASHFORD WILLESBOROUGH Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 51 <i>Survey date: THURSDAY 14/07/16</i>	MI XED HOUSES & FLATS	KENT	<i>Survey Type: MANUAL</i>
30	KC-03-A-04 KILN BARN ROAD AYLESFORD DITTON Edge of Town Residential Zone Total No of Dwellings: 110 <i>Survey date: FRIDAY 22/09/17</i>	SEMI -DETACHED & TERRACED	KENT	<i>Survey Type: MANUAL</i>
31	KC-03-A-06 MARGATE ROAD HERNE BAY Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 363 <i>Survey date: WEDNESDAY 27/09/17</i>	MI XED HOUSES & FLATS	KENT	<i>Survey Type: MANUAL</i>
32	KC-03-A-07 RECVLVER ROAD HERNE BAY Edge of Town Residential Zone Total No of Dwellings: 288 <i>Survey date: WEDNESDAY 27/09/17</i>	MI XED HOUSES	KENT	<i>Survey Type: MANUAL</i>
33	KC-03-A-09 WESTERN LINK FAVERSHAM DAVINGTON Edge of Town Residential Zone Total No of Dwellings: 14 <i>Survey date: WEDNESDAY 09/06/21</i>	MI XED HOUSES & FLATS	KENT	<i>Survey Type: MANUAL</i>
34	LC-03-A-31 GREENSIDE PRESTON COTTAM Edge of Town Residential Zone Total No of Dwellings: 32 <i>Survey date: FRIDAY 17/11/17</i>	DETACHED HOUSES	LANCASHIRE	<i>Survey Type: MANUAL</i>
35	LN-03-A-04 EGERTON ROAD LINCORN Edge of Town Centre Residential Zone Total No of Dwellings: 30 <i>Survey date: MONDAY 29/06/15</i>	DETACHED & SEMI -DETACHED	LINCOLNSHIRE	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

36	MW-03-A-02	MIXED HOUSES		MEDWAY
	OTTERHAM QUAY LANE RAINHAM			
	Edge of Town Residential Zone			
	Total No of Dwellings:		19	
	Survey date: MONDAY		06/06/22	Survey Type: MANUAL
37	NE-03-A-03	PRIVATE HOUSES		NORTH EAST LINCOLNSHIRE
	STATION ROAD SCUNTHORPE			
	Edge of Town Centre Residential Zone			
	Total No of Dwellings:		180	
	Survey date: TUESDAY		20/05/14	Survey Type: MANUAL
38	NF-03-A-03	DETACHED HOUSES		NORFOLK
	HALING WAY THETFORD			
	Edge of Town Residential Zone			
	Total No of Dwellings:		10	
	Survey date: WEDNESDAY		16/09/15	Survey Type: MANUAL
39	NF-03-A-06	MIXED HOUSES		NORFOLK
	BEAUFORT WAY GREAT YARMOUTH BRADWELL			
	Edge of Town Residential Zone			
	Total No of Dwellings:		275	
	Survey date: MONDAY		23/09/19	Survey Type: MANUAL
40	NF-03-A-07	MIXED HOUSES & FLATS		NORFOLK
	SILFIELD ROAD WYMONDHAM			
	Edge of Town Out of Town			
	Total No of Dwellings:		297	
	Survey date: FRIDAY		20/09/19	Survey Type: DIRECTIONAL ATC COUNT
41	NF-03-A-10	MIXED HOUSES & FLATS		NORFOLK
	HUNSTANTON ROAD HUNSTANTON			
	Edge of Town Residential Zone			
	Total No of Dwellings:		17	
	Survey date: WEDNESDAY		12/09/18	Survey Type: DIRECTIONAL ATC COUNT
42	NF-03-A-16	MIXED HOUSES & FLATS		NORFOLK
	NORWICH COMMON WYMONDHAM			
	Edge of Town Residential Zone			
	Total No of Dwellings:		138	
	Survey date: TUESDAY		20/10/15	Survey Type: DIRECTIONAL ATC COUNT
43	NF-03-A-24	MIXED HOUSES & FLATS		NORFOLK
	HUNSTANTON ROAD HUNSTANTON			
	Edge of Town Residential Zone			
	Total No of Dwellings:		127	
	Survey date: WEDNESDAY		22/09/21	Survey Type: DIRECTIONAL ATC COUNT

LIST OF SITES relevant to selection parameters (Cont.)

44	NF-03-A-25	MIXED HOUSES & FLATS		NORFOLK
	WOODFARM LANE GORLESTON-ON-SEA			
	Edge of Town Residential Zone			
	Total No of Dwellings:		55	
	<i>Survey date: TUESDAY</i>		<i>21/09/21</i>	<i>Survey Type: MANUAL</i>
45	NF-03-A-26	MIXED HOUSES		NORFOLK
	HEATH DRIVE HOLT			
	Edge of Town Residential Zone			
	Total No of Dwellings:		91	
	<i>Survey date: WEDNESDAY</i>		<i>22/09/21</i>	<i>Survey Type: DIRECTIONAL ATC COUNT</i>
46	NF-03-A-28	MIXED HOUSES		NORFOLK
	NORTH WALSHAM ROAD NORTH WALSHAM			
	Edge of Town Residential Zone			
	Total No of Dwellings:		100	
	<i>Survey date: WEDNESDAY</i>		<i>22/09/21</i>	<i>Survey Type: DIRECTIONAL ATC COUNT</i>
47	NF-03-A-30	MIXED HOUSES		NORFOLK
	BRANDON ROAD SWAFFHAM			
	Edge of Town Residential Zone			
	Total No of Dwellings:		266	
	<i>Survey date: THURSDAY</i>		<i>23/09/21</i>	<i>Survey Type: MANUAL</i>
48	NT-03-A-08	DETACHED HOUSES		NOTTINGHAMSHIRE
	WIGHAY ROAD HUCKNALL			
	Edge of Town Residential Zone			
	Total No of Dwellings:		36	
	<i>Survey date: MONDAY</i>		<i>18/10/21</i>	<i>Survey Type: MANUAL</i>
49	NY-03-A-12	TOWN HOUSES		NORTH YORKSHIRE
	RACECOURSE LANE NORTHALLERTON			
	Edge of Town Centre Residential Zone			
	Total No of Dwellings:		47	
	<i>Survey date: TUESDAY</i>		<i>27/09/16</i>	<i>Survey Type: MANUAL</i>
50	NY-03-A-13	TERRACED HOUSES		NORTH YORKSHIRE
	CATTERICK ROAD CATTERICK GARRISON OLD HOSPITAL COMPOUND			
	Suburban Area (PPS6 Out of Centre) Residential Zone			
	Total No of Dwellings:		10	
	<i>Survey date: WEDNESDAY</i>		<i>10/05/17</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

51	NY-03-A-14 PALACE ROAD RIPON	DETACHED & BUNGALOWS		NORTH YORKSHIRE
	Edge of Town Residential Zone Total No of Dwellings:		45	
	<i>Survey date: WEDNESDAY</i>		<i>18/05/22</i>	<i>Survey Type: MANUAL</i>
52	PB-03-A-04 EASTFIELD ROAD PETERBOROUGH	DETACHED HOUSES		PETERBOROUGH
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:		28	
	<i>Survey date: MONDAY</i>		<i>17/10/16</i>	<i>Survey Type: MANUAL</i>
53	PS-03-A-01 BRYN GLAS WELSHPOOL	MIXED HOUSES		POWYS
	Edge of Town Centre Residential Zone Total No of Dwellings:		16	
	<i>Survey date: MONDAY</i>		<i>11/05/15</i>	<i>Survey Type: MANUAL</i>
54	PS-03-A-02 GUNROG ROAD WELSHPOOL	DETACHED/SEMI-DETACHED		POWYS
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings:		28	
	<i>Survey date: MONDAY</i>		<i>11/05/15</i>	<i>Survey Type: MANUAL</i>
55	SC-03-A-04 HIGH ROAD BYFLEET	DETACHED & TERRACED		SURREY
	Edge of Town Residential Zone Total No of Dwellings:		71	
	<i>Survey date: THURSDAY</i>		<i>23/01/14</i>	<i>Survey Type: MANUAL</i>
56	SC-03-A-05 REIGATE ROAD HORLEY	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total No of Dwellings:		207	
	<i>Survey date: MONDAY</i>		<i>01/04/19</i>	<i>Survey Type: MANUAL</i>
57	SC-03-A-07 FOLLY HILL FARNHAM	MIXED HOUSES		SURREY
	Edge of Town Residential Zone Total No of Dwellings:		41	
	<i>Survey date: WEDNESDAY</i>		<i>11/05/22</i>	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

58	SD-03-A-01 HEADLANDS GROVE SWINDON	SEMI DETACHED	SWINDON
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 27 <i>Survey date: THURSDAY 22/09/16</i>		
59	SF-03-A-05 VALE LANE BURY ST EDMUNDS	DETACHED HOUSES	SUFFOLK
	Edge of Town Residential Zone Total No of Dwellings: 18 <i>Survey date: WEDNESDAY 09/09/15</i>		
60	SF-03-A-09 FOXHALL ROAD IPSWICH	MIXED HOUSES & FLATS	SUFFOLK
	Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: 179 <i>Survey date: THURSDAY 24/06/21</i>		
61	SF-03-A-10 LOVETOFTS DRIVE IPSWICH WHITEHOUSE	TERRACED & SEMI-DETACHED	SUFFOLK
	Edge of Town Residential Zone Total No of Dwellings: 149 <i>Survey date: TUESDAY 22/06/21</i>		
62	SH-03-A-06 ELLESMERE ROAD SHREWSBURY	BUNGALOWS	SHROPSHIRE
	Edge of Town Residential Zone Total No of Dwellings: 16 <i>Survey date: THURSDAY 22/05/14</i>		
63	SM-03-A-01 WEMBDON ROAD BRIDGWATER NORTHFIELD	DETACHED & SEMI	SOMERSET
	Edge of Town Residential Zone Total No of Dwellings: 33 <i>Survey date: THURSDAY 24/09/15</i>		
64	SP-03-A-02 BARNFIELD WAY NEAR SOUTHAMPTON HEDGE END	MIXED HOUSES & FLATS	SOUTHAMPTON
	Edge of Town Out of Town Total No of Dwellings: 250 <i>Survey date: TUESDAY 12/10/21</i>		
65	ST-03-A-06 STANFORD ROAD WOLVERHAMPTON BLAKENHALL	SEMI-DET. & TERRACED	STAFFORDSHIRE
	Edge of Town Centre No Sub Category Total No of Dwellings: 17 <i>Survey date: FRIDAY 09/05/14</i>		

LIST OF SITES relevant to selection parameters (Cont.)

66	ST-03-A-07 BEACONSIDE STAFFORD MARSTON GATE Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	DETACHED & SEMI -DETACHED 248 22/11/17	STAFFORDSHIRE	<i>Survey Type: MANUAL</i>
67	ST-03-A-08 SILKMORE CRESCENT STAFFORD MEADOWCROFT PARK Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	DETACHED HOUSES 26 22/11/17	STAFFORDSHIRE	<i>Survey Type: MANUAL</i>
68	TB-03-A-01 BRONSHILL ROAD TORQUAY Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	TERRACED HOUSES 37 30/09/15	TORBAY	<i>Survey Type: MANUAL</i>
69	VG-03-A-01 ARTHUR STREET BARRY Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: MONDAY</i>	SEMI -DETACHED & TERRACED 12 08/05/17	VALE OF GLAMORGAN	<i>Survey Type: MANUAL</i>
70	WK-03-A-03 BRESE AVENUE WARWICK GUYS CLIFFE Suburban Area (PPS6 Out of Centre) Residential Zone Total No of Dwellings: <i>Survey date: WEDNESDAY</i>	DETACHED HOUSES 23 25/09/19	WARWICKSHIRE	<i>Survey Type: MANUAL</i>
71	WK-03-A-04 DALEHOUSE LANE KENILWORTH Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: FRIDAY</i>	DETACHED HOUSES 49 27/09/19	WARWICKSHIRE	<i>Survey Type: MANUAL</i>
72	WM-03-A-05 COUNDON ROAD COVENTRY Edge of Town Centre Residential Zone Total No of Dwellings: <i>Survey date: MONDAY</i>	TERRACED & DETACHED 89 21/11/16	WEST MIDLANDS	<i>Survey Type: MANUAL</i>
73	WO-03-A-07 RYE GRASS LANE REDDITCH Edge of Town Residential Zone Total No of Dwellings: <i>Survey date: THURSDAY</i>	MIXED HOUSES & FLATS 47 01/10/20	WORCESTERSHIRE	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

74	WS-03-A-04	MIXED HOUSES		WEST SUSSEX
	HILLS FARM LANE			
	HORSHAM			
	BROADBRIDGE HEATH			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		151	
	Survey date: THURSDAY		11/12/14	Survey Type: MANUAL
75	WS-03-A-08	MIXED HOUSES		WEST SUSSEX
	ROUNDSTONE LANE			
	ANGMERING			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		180	
	Survey date: THURSDAY		19/04/18	Survey Type: MANUAL
76	WS-03-A-12	MIXED HOUSES		WEST SUSSEX
	MADGWICK LANE			
	CHICHESTER			
	WESTHAMPNETT			
	Edge of Town			
	Village			
	Total No of Dwellings:		152	
	Survey date: WEDNESDAY		16/06/21	Survey Type: MANUAL
77	WS-03-A-13	MIXED HOUSES & FLATS		WEST SUSSEX
	LITTLEHAMPTON ROAD			
	WORTHING			
	WEST DURRINGTON			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		197	
	Survey date: WEDNESDAY		23/06/21	Survey Type: MANUAL
78	WS-03-A-14	MIXED HOUSES		WEST SUSSEX
	TODDINGTON LANE			
	LITTLEHAMPTON			
	WICK			
	Edge of Town			
	Residential Zone			
	Total No of Dwellings:		117	
	Survey date: WEDNESDAY		20/10/21	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
 TOTAL 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	78	101	0.083	78	101	0.300	78	101	0.383
08:00 - 09:00	78	101	0.137	78	101	0.370	78	101	0.507
09:00 - 10:00	78	101	0.135	78	101	0.172	78	101	0.307
10:00 - 11:00	78	101	0.129	78	101	0.156	78	101	0.285
11:00 - 12:00	78	101	0.137	78	101	0.150	78	101	0.287
12:00 - 13:00	78	101	0.155	78	101	0.159	78	101	0.314
13:00 - 14:00	78	101	0.165	78	101	0.149	78	101	0.314
14:00 - 15:00	78	101	0.158	78	101	0.185	78	101	0.343
15:00 - 16:00	78	101	0.259	78	101	0.169	78	101	0.428
16:00 - 17:00	78	101	0.277	78	101	0.162	78	101	0.439
17:00 - 18:00	78	101	0.341	78	101	0.160	78	101	0.501
18:00 - 19:00	78	101	0.268	78	101	0.152	78	101	0.420
19:00 - 20:00	1	97	0.062	1	97	0.052	1	97	0.114
20:00 - 21:00	1	97	0.031	1	97	0.021	1	97	0.052
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.337			2.357			4.694

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

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

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Parameter summary

Trip rate parameter range selected: 8 - 371 (units:)
 Survey date range: 01/01/14 - 30/06/22
 Number of weekdays (Monday-Friday): 82
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 12
 Surveys manually removed from selection: 0

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

Appendix 2 Travel Survey Questionnaire

Residents Travel Survey Questionnaire

A Travel Plan is being developed at this site with the aim of making your everyday journeys easier and cheaper whilst at the same time trying to encourage more use of the bus, walking, cycling and car sharing. Please could you spend a little time filling this questionnaire in and return to.....

1. Are you currently:

- Employed
- A Student
- Retired
- Not currently employed

2. If you are employed what is your main mode of travel to work? (if not currently employed go to 5)

- Bus
- Walking
- Cycling
- Motorcycle
- Car, on own
- Car, a driver with passenger(s)
- Car as a passenger
- Taxi
- Train
- Work from home
- Other, please state _____

3. How far do you travel to work?

- Less than 1 mile
- Less than 3 miles
- Less than 5 miles
- Less than 10 miles
- Less than 20 miles
- Over 20 miles
- Other, Please state _____

4. What is your typical time you leave and return home from work?

Usual time leave for work _____
Usual time return from work _____

5. If you are not currently employed what is your main mode of travel?

- Bus
- Walking
- Cycling
- Motorcycle
- Car, on own
- Car, as a driver with passenger(s)
- Car as a passenger
- Taxi
- Train
- Other, please state _____

6. Do you have a disability which affects your travel arrangements?

- Yes
- No

7. Which alternative would you use if your normal mode of transport was unavailable?

- Bus
- Walking
- Cycling
- Motorcycle
- Car, on own
- Car, as a driver with passenger(s)
- Car passenger
- Taxi
- Train
- Work from home
- Other, please state _____

8. Which of the following would encourage you to walk more (if you already walk as main mode of transport what would you like to see)?

- Better footways leading from the site
- Walking map
- Personal alarms
- Hi-visibility clothing
- None
- Other _____

9. Which of the following would encourage you to cycle (if you already cycle what would you like to see)?

- Discounts on bikes and accessories
- Secure cycle parking
- Hi-visibility clothing
- Provision of waterproof clothing
- Promotion of health benefits
- Cycle training
- None
- Other _____

10. Which of the following would encourage you to use the bus (if you already use the bus what would you like to see)?

- Better bus stop facilities
- Discounts on tickets
- More frequent services
- Timetable information
- More convenient drop off points
- None
- Other _____

acstro

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