



Transport Statement

Unit E Dowlais Top Retail Park, Merthyr Tydfil

North West Industrial Estates Ltd

Prepared by:

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Basis of Report

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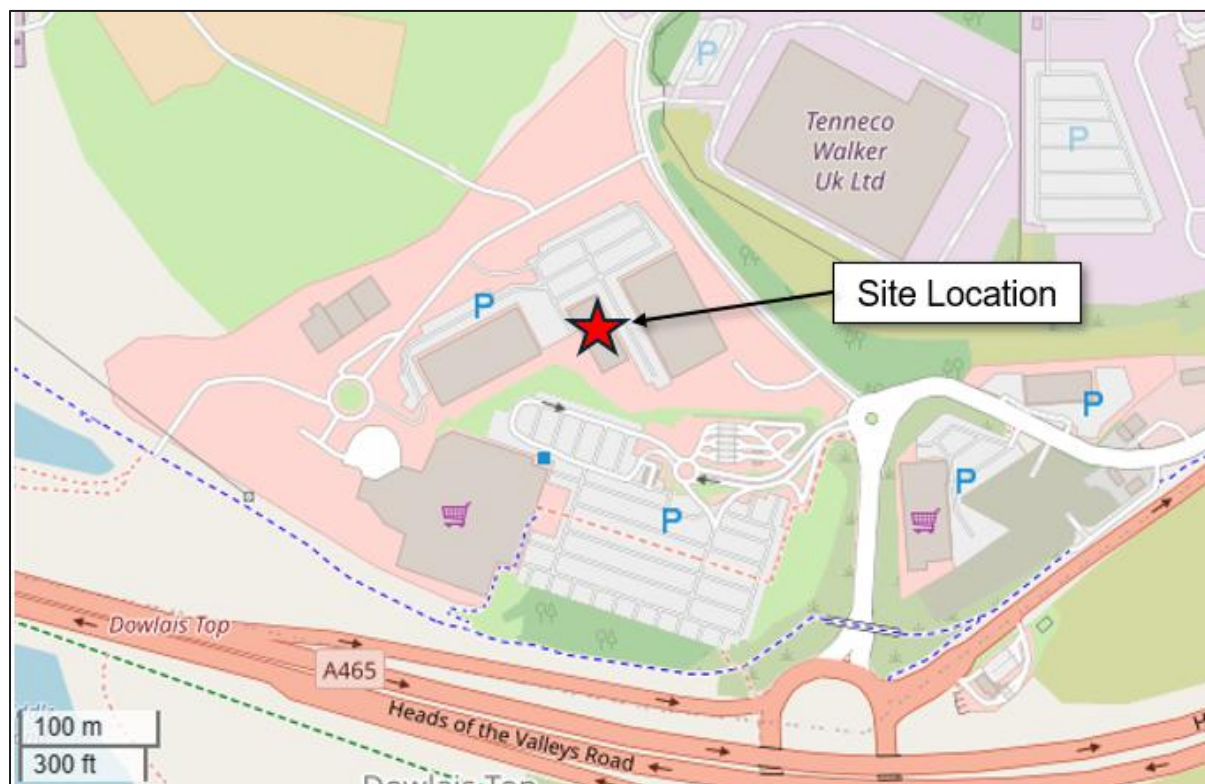
Appendix A TRICS Trip Rates



1.0 Introduction

- 1.1 SLR Consulting Limited (SLR) has been appointed by North West Industrial Estates Ltd to produce a Transport Statement (TS) to accompany a planning application for a change of use at Unit E in Dowlais Top Retail Park, Merthyr Tydfil.
- 1.2 The location of the site is shown in red with respect to the surrounding area in **Figure 1.1**.

Figure 1.1 Site Location



Source: OpenStreetMap

- 1.3 The site falls under the jurisdiction of Merthyr Tydfil County Borough Council, who are both the Local Planning Authority and the Local Highway Authority for the proposed development.
- 1.4 The site comprises an existing non-food retail unit, most recently occupied by a carpet retailer. The development proposals seek to replace the non-food retail unit with a discount food store, envisaged to be Iceland Food Warehouse, which sells a combination of frozen and non-frozen goods.
- 1.5 It is proposed that there will be no changes to the access arrangements, car parking or servicing arrangement for the site, and the existing building will be retained.
- 1.6 The immediately adjacent retail units will be unaffected by the development proposal. No change of use is proposed for the adjacent units.



Report Structure

- 1.7 Following this introductory chapter, the remainder of this TS is structured as follows:
- **Section 2: Baseline Conditions** – discusses the existing site location, the surrounding highway network, reviews the accident record on the immediate highway network and describes the accessibility of the site by sustainable modes of transport;
 - **Section 3: Proposed Development & Trip Impact** – sets out the development proposals and considers the potential net trip impact as a result of the proposals; and
 - **Section 4: Summary and Conclusions** – summarises the findings of the Transport Statement and provides the report conclusions.



2.0 Baseline Conditions

Site Location

- 2.1 The site is located within the Dowlais Top Retail Park, approximately 3.5km north east of Merthyr Tydfil. An aerial image of the site within the Dowlais Top Retail Park is provided in **Figure 2.1**.

Figure 2.1 Existing Site and Parking



Source: Fletcher Morgan Brochure, 2025

- 2.2 As can be seen in **Figure 2.1** existing store includes a total of 134 spaces. In addition, there is further parking for retail park customers to the east, outside the Dunelm (approximately 75 spaces) and to the west, outside the B&M (approximately 70 spaces).
- 2.3 The west of the site includes a servicing and delivery yard.

Local Highway Network

Dowlais Top Retail Park Road Network

- 2.4 The internal road network of the Dowlais Top Retail Park can be accessed via the Dowlais Junction on the A465 Heads of the Valleys Road which leads to an internal 4-arm priority roundabout. The site is accessed from the northwestern arm of this roundabout, with Lidl accessible via the eastern arm and Asda from the western arm.
- 2.5 The Dowlais Top Retail Park provides a network of footways with street lighting, and uncontrolled pedestrian crossings within its car parks to enable pedestrian movements.



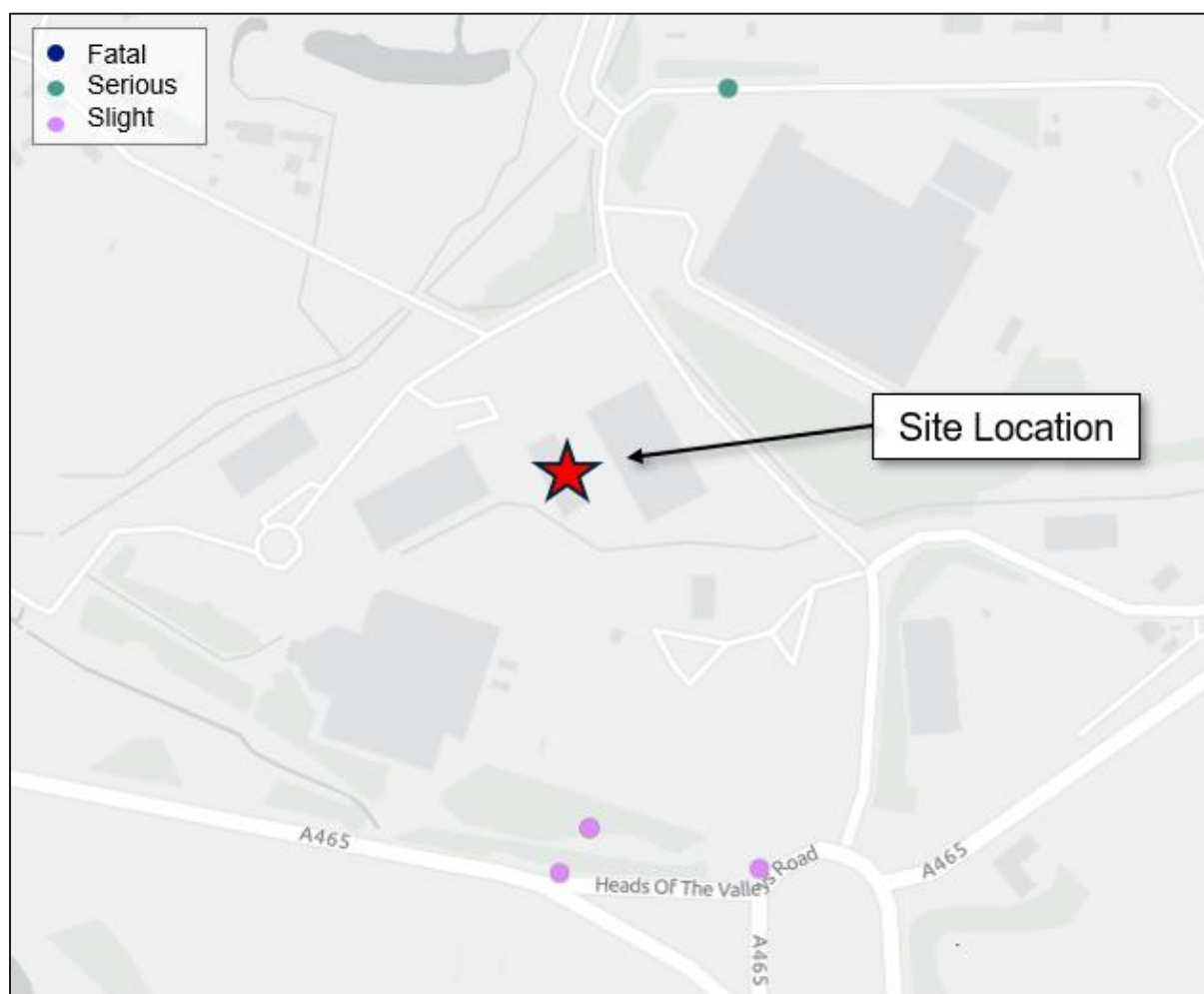
A465 Heads of the Valleys Road

- 2.6 The A465 Heads of the Valleys Road spans from the M4 in the west to Abergavenny in the east, passing through Dowlais Top as a dual carriageway. The Dowlais Junction connects the A465 with the Dowlais Top Retail Park to the north and High Street and the A4060 to the south.
- 2.7 The recent upgrade of the A465 Heads of the Valleys Road Dowlais Junction included footways to facilitate pedestrian movement to and from the Retail Park from the south west.

Highway Safety Records Review

- 2.8 The Department for Transport's Mapping Application for Visualising Road Injury Casualties (MAVRIC) tool has been used to examine Personal Injury Collision (PIC) data for the latest available five-year period (January 2019 to December 2023).
- 2.9 The site area and PIC locations are shown in the extract from MAVRIC presented in **Figure 2.2**.

Figure 2.2 Accident Data 2019-2023



Source: MAVRIC Tool, Department for Transport

- 2.10 As seen in **Figure 2.2**, during the latest available five-year period, four PICs were recorded in the vicinity of the site, three of these being recorded as slight and one recorded as serious.



- 2.11 The serious PIC occurred in 2019 on the access road to the industrial estate to the north east of the site and involved a motorcyclist who was the singular casualty.
- 2.12 The three slight PICS occurred on the A465 Heads of the Valley Road roundabout which includes the access road to the Dowlais Top Retail Park. Two of these PICs occurred in 2020 and one in 2021 with the casualties being car drivers or car occupants. It should be noted that a substantial upgrade of the A465 Heads of the Valley Road has been completed since these PICs were recorded.
- 2.13 The above demonstrates a generally low PIC rate within the study area during the latest five-year period. It important to note that no PICs were recorded in the immediate vicinity of Dowlais Top Retail Park during the latest available five-year period.
- 2.14 It is concluded there are no recurring collision types or causes in the vicinity of the site that require remedial measures.

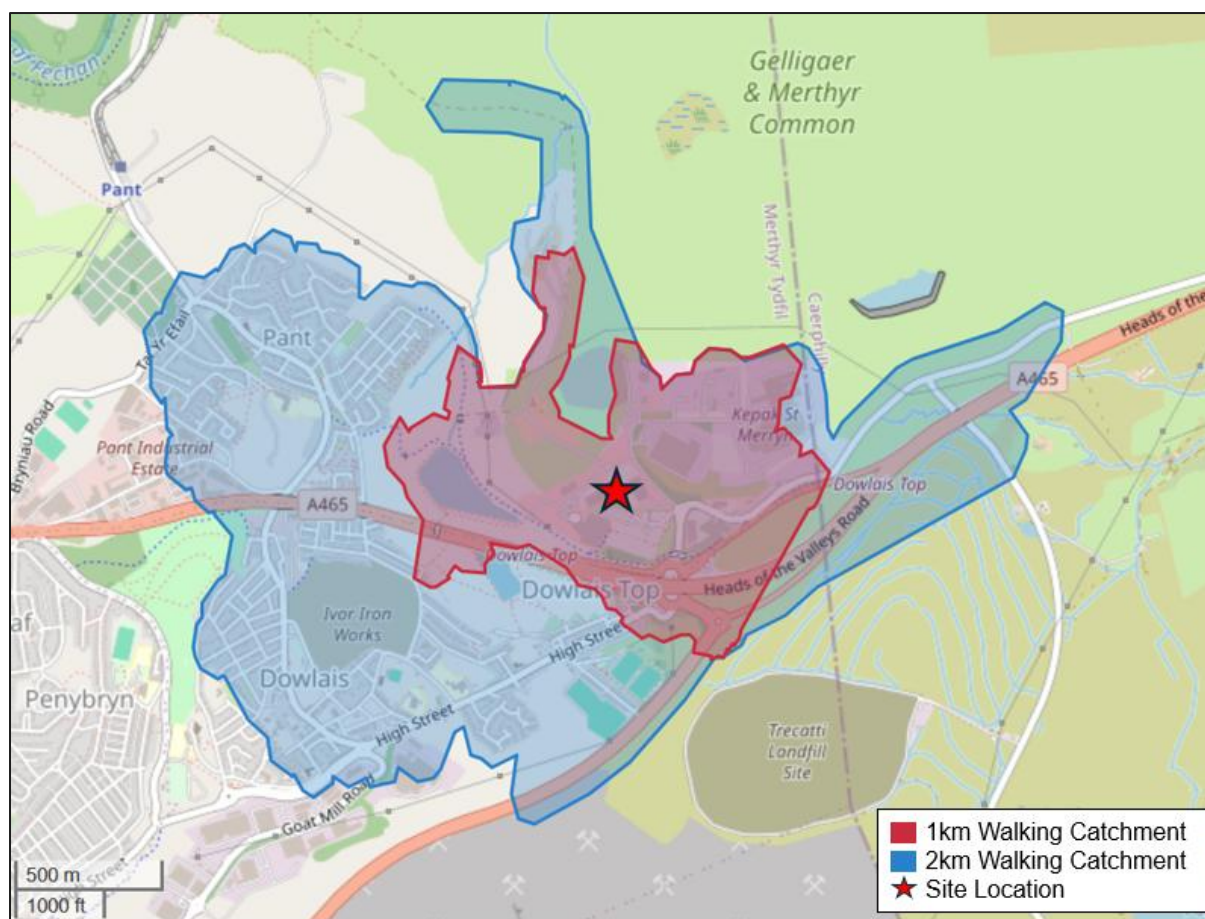
Sustainable Transport Accessibility Review

Accessibility on Foot

- 2.15 Within the Dowlais Top Retail Park, there is a network of footways and uncontrolled pedestrian crossings within its car parks to support pedestrian movements. Informal markings are provided to highlight the presence of pedestrian crossing areas within the car park layouts.
- 2.16 Industry guidance suggests that an acceptable walking distance for commuting purposes is 1km, with the preferred maximum distance of 2km. Walking can also be promoted as part of a multi-modal journey, particularly with public transport.
- 2.17 An analysis of the pedestrian routes in the area has been completed to identify areas situated within 1km and 2km catchments (see **Figure 2.3**).



Figure 2.3 Indicative Pedestrian Catchment (1km & 2km)



Source: Iso4App API

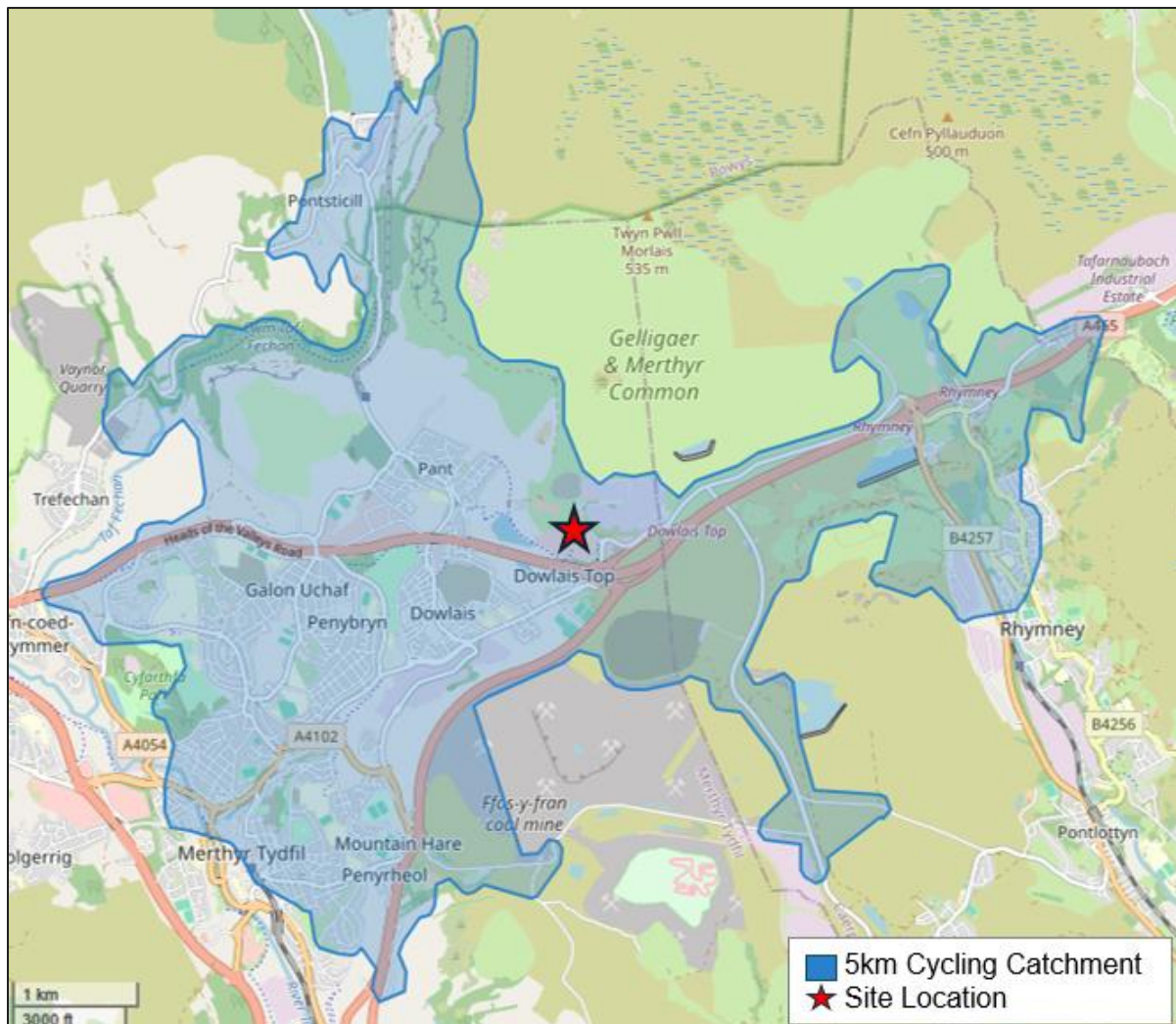
- 2.18 As demonstrated in **Figure 2.3**, the 2km pedestrian catchment includes key residential areas such as Pant and Dowlais. There is opportunity for staff of the proposed development living within these areas to commute to the site on foot.

Accessibility by Cycle

- 2.19 An alternative mode of travel to the site could be achieved by cycle. Cycling is increasingly being recognised as a viable alternative to the car and there has been sustained growth in cycling as both a mode of travel and leisure activity.
- 2.20 **Figure 2.4** shows an initial 5km cycle catchment from the site, equating to a journey of approximately 25 minutes using a leisurely cycle speed of 12km per hour.



Figure 2.4 Cycling Catchment (5km)



Source: Iso4App API

- 2.21 As seen in **Figure 2.4**, the site is accessible by cycle from key residential areas such as Dowlais, Pant, Penybryn, Galon Uchaf, Penyrheol and central Merthyr Tydfil.
- 2.22 In addition, the site benefits from close proximity to the National Cycle Network (NCN) Route 46 which includes a traffic-free section that passes to the south of the site, as show in **Figure 2.5**.



Figure 2.5 NCN Route 46



Accessibility by Public Transport

- 2.23 The site is well-positioned to be accessed by staff and consumers by local bus services.
- 2.24 The Asda store to the south west of the site includes a bus stop serviced by the No. 51 and No. 53 bus services. The stop provides a shelter and timetable. While the distance from the bus stop to the site is 100m, the walking distance is approximately 750m which equates to an 9-10-minute walk using the footways provided around the retail park.
- 2.25 Both the No. 51 and 53 provide regular services between Merthyr Tydfil and Bargoed, with the 51 also offering services to Caerphilly. The frequency of services to / from Bargoed is every 20-30 minutes and hourly to / from Caerphilly Monday to Saturday. On Sundays, the 51 provides three services to / from Bargoed.



3.0 Development Proposals and Trip Impact

Access and Layout

- 3.1 The development proposals represent a change of use from Retail (Non-food, Class A1) to Retail (Food, Class A1) which will accommodate the Iceland Food Warehouse store envisaged for the site, selling a combination of frozen and non-frozen goods (discount food). The total net floor area is 734sqm (8000sqft).
- 3.2 The proposed change of use will not alter the shape or extent of the existing ground floor area of the unit, and there will be no changes to the site access from the A465 Heads of the Valleys Road.
- 3.3 The Merthyr Tydfil County Borough Council's parking standards are the Wales Parking Standards (2008) which for shops does not distinguish between non-food retail or discount food retail. As such, the existing level of parking will remain (discussed further in subsequent sections).
- 3.4 Servicing will continue to be coordinated in the service yard to the west of the site, with access via the car park. It is anticipated there will be one HGV delivery a day associated with the new Iceland Food Warehouse Store, and it is also anticipated that the store will operate an online delivery service out of the site using smaller vans.

Trip Impact

- 3.5 In order to consider the potential traffic impact of the site, the TRICS database has been interrogated to compare the traffic generating potential of the existing non-food retail development with the proposed discount food retail development.
- 3.6 For comparison purposes, the ground floor area of 734sqm has been used to calculate the trip generation of the proposed site.

Non-Food Unit Trip Generation

- 3.7 The TRICS database includes trip rates for similar non-food sites to Unit E. The following criteria have been selected:
- 01 – Retail, K – Retail Park – Excluding Food;
 - Edge of Town & Suburban Area;
 - Vehicles Only; and
 - Excluding Greater London, Scotland and Republic of Ireland.
- 3.8 All trip rates from TRICS are included in **Appendix A**. For the weekday, four surveys were available of retail parks including Greater Manchester, Gloucestershire, Hertfordshire and Somerset. For the weekend, eleven surveys of retail parks were available in Bedford, Cardiff, Devon, Greater Manchester, Kirklees, Norfolk, Sheffield, Torbay, Tyne & Wear and West Midlands. The trip rates are per 100sm Gross Floor Area and are set out in **Table 3.1**.



Table 3.1: Indicative Existing Non-Food Trip Generation

Peak	Trip Rate (per 100sqm)			Trip Generation (734sqm)		
	Arr.	Dep.	Two-way	Arr.	Dep.	Two-way
Weekday AM 8:00-09:00	0.916	0.611	1.527	7	4	11
Weekday PM 17:00-18:00	2.152	2.065	4.217	16	15	31
Weekend Peak (13:00-14:00)	1.302	1.325	2.627	10	10	19

- 3.9 As set out above, the existing site is estimated to have generated 11 two-way trips during the typical AM peak hour, and up to 31 two-way trips during the typical PM peak hour. On a typical Saturday, 13:00-14:00 could have seen up to 19 two-way trips.

Discount Food Store Trip Generation

- 3.10 The TRICS database includes trip rates that can be applied for the proposed discount food store. The following criteria have been selected:

- 01 – Retail, C – Discount Food Stores;
- Maximum 2,000 GFA;
- Vehicles Only; and
- Excluding Greater London, Scotland and Republic of Ireland.

- 3.11 All trip rates from TRICS are included in **Appendix A**. For the weekday, six surveys were available, including three Aldi stores and three Lidl Stores, located in Cambridgeshire, Durham, Northamptonshire, Slough, Tyne & Wear and West Sussex. For the weekend, three surveys were available including two Aldi stores and one Lidl store, located in Bristol City, Lincolnshire and Nottingham. The trip rates are based on Gross Floor Area and are set out in **Table 3.2**.

Table 3.2 Indicative Discount Food Store Trip Generation

Peak	Trip Rate (per 100sqm)			Trip Generation (734sqm)		
	Arr.	Dep.	Two-way	Arr.	Dep.	Two-way
Weekday AM 8:00-09:00	3.186	2.082	5.268	23	15	39
Weekday PM 17:00-18:00	6.299	6.404	12.703	46	47	93
Weekend Peak (13:00-14:00)	9.728	9.973	19.701	71	73	145

- 3.12 As demonstrated, the site is forecast to generate up to 39 two-way trips during the typical AM peak hour, and up to 93 two-way trips during the typical PM peak hour. On a typical Saturday, 13:00-14:00 is forecast to generate up to 145 two-way trips.

Trip Generation Net Change

- 3.13 As indicated within this section, there is likely to be a net increase in vehicular trips due to the proposed change in use from a non-food retail store to a discount food store.
- 3.14 Based on the derived TRICS trip rates as presented above, the net change in trip demand is shown in **Table 3.3**.



Table 3.3 Indicative Trip Generation Net Change

Peak	Trip Generation (734sqm)		
	Arr.	Dep.	Two-way
Weekday AM 8:00-09:00	+17	+11	+27
Weekday PM 17:00-18:00	+30	+32	+62
Weekend Peak 13:00-14:00	+62	+63	+125

- 3.15 As set out above, a discount food store is forecast to generate 17 additional arrivals during the weekday AM peak, 30 additional arrivals trips during the weekday PM peak and 62 additional arrivals during the weekend peak compared to the existing non-food retail store.
- 3.16 In addition, the net change in trip movements presented in **Table 3.3** does not account for any linked trips with other uses in the retail park, or other trip types (i.e. pass-by, diverted, transferred etc). These are trips that are already on the network in the vicinity of the site or are already accessing the retail park parking areas.
- 3.17 Given that the site is located within proximity to additional and established retail stores (e.g. Dunelm, B&M, Asda and Lidl), providing the opportunity for customers to visit the proposed development and a number of other units whilst only making one trip, it is considered that the net change in trips would actually be substantially less than the figures presented in **Table 3.3**.
- 3.18 Overall, it is considered that any additional vehicle movements associated with the proposed development would not significantly, adversely change the characteristics of the local highway network in the vicinity of the site. There would be a net increase in vehicle trips at the site access junction itself. However, during the weekend peak hour, when the net change in vehicle trips is the greatest, the proposed development is estimated to increase the quantum of traffic by 125 vehicles. This equates to an average of 2 additional vehicles per minute across the peak hour. Given that the existing site access on a cul-de-sac, with no through traffic, this is unlikely to have a material impact on the operation of the site access junction, and no capacity assessment is required.

Indicative Parking Accumulation

- 3.19 The Merthyr Tydfil County Borough Council parking standards are the Wales Parking Standards (2008) which state:
- “Although ‘retail parks’ may have shared parking, such developments will still require similar levels of parking to single stores, because of the longer duration of parking”*
- 3.20 Taking the above into consideration, the indicative parking accumulation assessment will be based on the capacity of spaces associated with the existing Carpetright store, 134 spaces. However, it should be noted the additional parking available for retail park customers at adjacent stores including Dunelm to the east (approximately 75 spaces) and the B&M to the west (approximately 70 spaces).
- 3.21 The indicative parking accumulation assessment has been based on the trip generation forecast to estimate the demand for parking spaces associated with a discount food retail unit and is presented in **Figure 3.1**.



Figure 3.1 Weekday Parking Accumulation

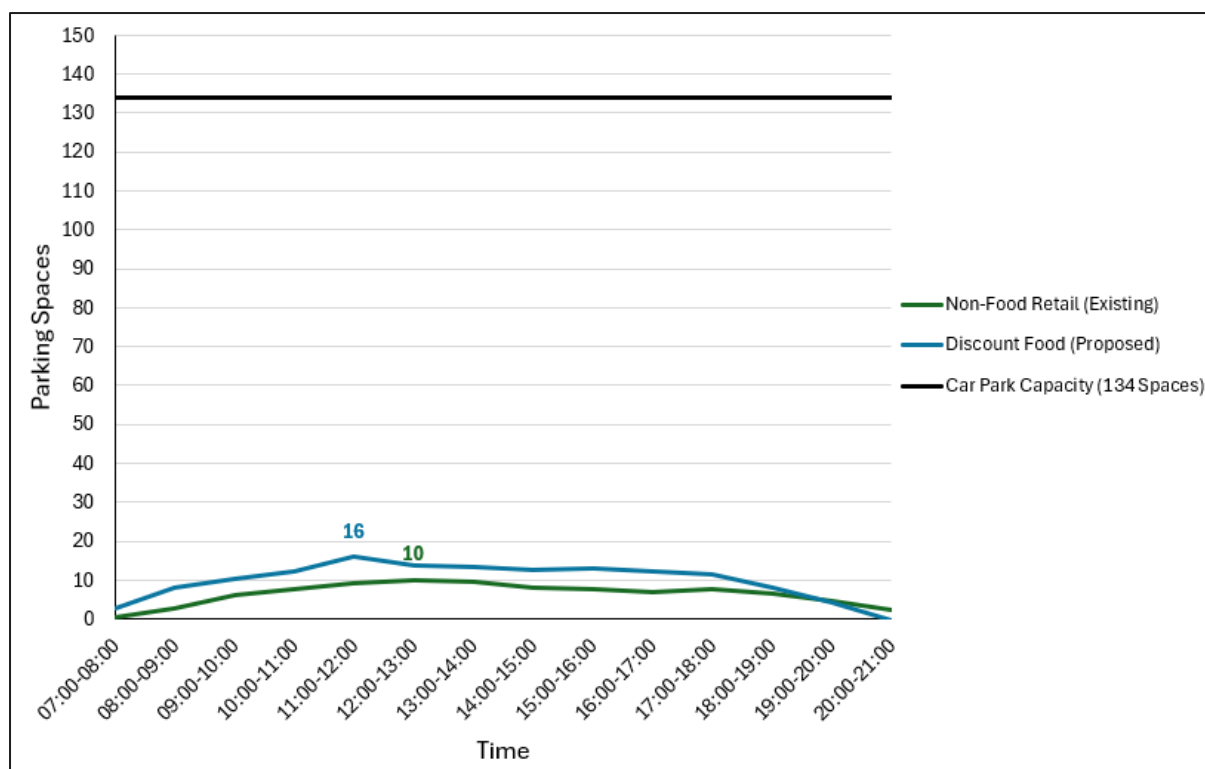
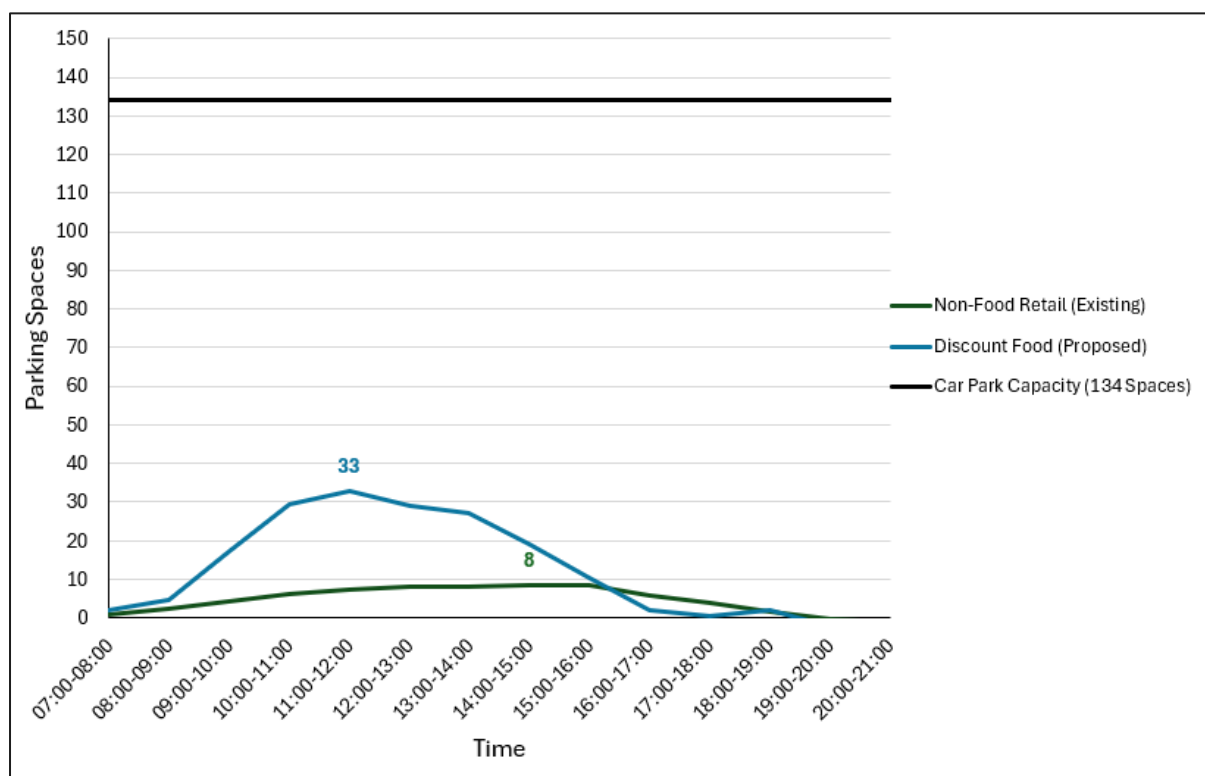


Figure 3.2 Weekend Parking Accumulation



3.22 As demonstrated by **Figure 3.1**, the proposed development is not likely to significantly increase the demand for parking when compared to the existing store, during weekdays At



weekends, an increase in maximum parking demand is predicted, but is estimated to substantially below the available parking supply.

- 3.23 The peak demand in terms of car parking for the proposed development is 33, between 11:00-12:00 on a weekend. This remains within the car park's capacity and presents a worst-case with some trips also likely to be linked to other retail stores in the area and not generated exclusively by the proposed Iceland store.
- 3.24 Further analysis of the TRICS surveys has been undertaken in order to assess maximum parking demand of the proposed development compared with the existing development utilising recorded maximum parking demand for each site, rather than estimating using average arrivals and departures. Maximum parking accumulations recorded for each site used to calculate the trip generation have been extracted and are presented in **Table 3.4** and **Table 3.5**. The maximum parking accumulation per GFA has been calculated for each site and applied to the GFA of the Unit E (734sqm).

Table 3.4 Maximum Parking Accumulation – Existing Development

TRICS Ref.	Max. Accumulation	Time of Max. Accumulation	GFA of TRICS Site	Max. Parking Accumulation per sqm GFA	Max. Accumulation at Unit E (734sqm)
Weekday					
GM-01-K-16	365	12:00-13:00	22300	0.02	12
GS-01-K-03	131	17:00-18:00	9350	0.01	10
HF-01-K-02	153	15:00-16:00	6790	0.02	17
SM-01-K-01	166	11:00-12:00	11000	0.02	11
Weekend					
BO-01-K-01	379	10:00-11:00	19000	0.02	15
CF-01-K-01	112	12:00-13:00	1968	0.06	42
DV-01-K-02	99	10:00-11:00	3752	0.03	19
GM-01-K-15	1290	15:00-16:00	110000	0.01	9
GM-01-K-17	104	14:00-15:00	4600	0.02	17
KS-01-K-01	307	14:00-15:00	53814	0.01	4
NF-01-K-02	85	11:00-12:00	14565	0.01	4
SE-01-K-01	309	15:00-16:00	16187	0.02	14
TB-01-K-01	78	13:00-14:00	2809	0.03	20
TW-01-K-03	80	11:00-12:00	3600	0.02	16

Table 3.5 Maximum Parking Accumulation – Proposed Development

TRICS Ref.	Max. Accumulation	Time of Max. Accumulation	GFA of TRICS Site	Max. Parking Accumulation per sqm GFA	Max. Accumulation at Unit E (734sqm)
Weekday					
CA-01-C-01	57	12:00-13:00	1466	0.04	29
DH-01-C-01	19	16:00-17:00	1023	0.02	14
NN-01-C-01	59	11:00-12:00	1924	0.03	23
TW-01-C-02	44	17:00-18:00	1600	0.03	20
WS-01-C-06	60	14:00-15:00	1616	0.04	27



Weekend					
BR-01-C-02	88	13:00-14:00	1550	0.06	42
LN-01-C-03	59	11:00-12:00	1485	0.04	29
NG-01-C-01	88	11:00-12:00	1447	0.06	45

- 3.25 The comparison of the maximum parking accumulation for the existing development and the proposed for a typical weekday is provided in **Table 3.6** and a typical weekend in **Table 3.7**.

Table 3.6 Comparison of Maximum Adjusted Parking Accumulation for the Existing Development and Proposed Development - Weekday

Existing		Proposed	
TRICS Ref.	Max. Accumulation Adjusted	TRICS Ref.	Max. Accumulation Adjusted
GM-01-K-16	12	CA-01-C-01	29
GS-01-K-03	10	DH-01-C-01	14
HF-01-K-02	17	NN-01-C-01	23
SM-01-K-01	11	TW-01-C-02	20
		WS-01-C-06	27

Table 3.7 Comparison of Maximum Adjusted Parking Accumulation for the Existing Development and Proposed Development - Weekend

Existing		Proposed	
TRICS Ref.	Max. Accumulation Adjusted	TRICS Ref.	Max. Accumulation Adjusted
BO-01-K-01	15	BR-01-C-02	42
CF-01-K-01	42	LN-01-C-03	29
DV-01-K-02	19	NG-01-C-01	45
GM-01-K-15	9		
GM-01-K-17	17		
KS-01-K-01	4		
NF-01-K-02	4		
SE-01-K-01	14		
TB-01-K-01	20		
TW-01-K-03	16		

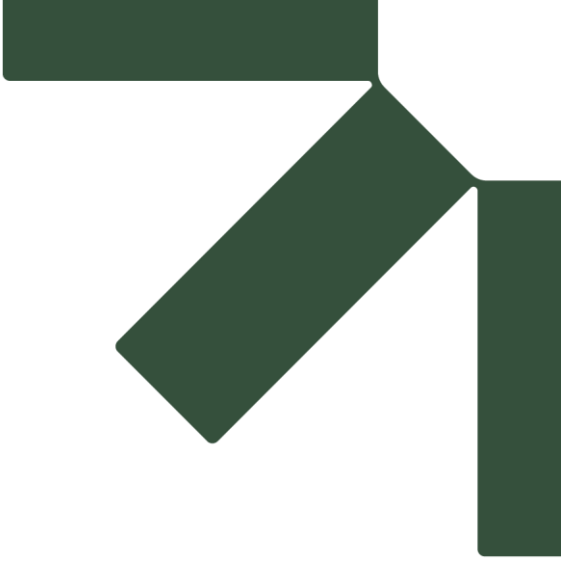
- 3.26 As demonstrated by **Tables 3.4 - 3.7**, there is significant variation amongst the adjusted maximum parking accumulation figures. While the proposed development is likely to generate a larger parking demand when compared to the existing development, the maximum adjusted parking accumulation for the proposed development is 45 on a weekend, which is significantly below the available capacity of 134 spaces.
- 3.27 Therefore, the proposed car parking provision on site is suitable to accommodate the parking demands of the proposed development and existing retail park under typical trading conditions.



4.0 Summary

- 4.1 SLR Consulting Limited (SLR) has been appointed by North West Industrial Estates Ltd to produce a Transport Statement (TS) to accompany a planning application for a change of use at Unit E in Dowlais Top Retail Park, Merthyr Tydfil.
- 4.2 An accessibility review has been undertaken to assess opportunities for travel to the site by all relevant travel modes and review the surrounding active and public transport provision.
- 4.3 The proposed development is well located in terms of existing walking and cycling routes. Bus stops are within a realistic walking distance of the site and provide frequent services to surrounding residential areas.
- 4.4 The existing and potential trip generation for the proposed development has been established through reference to the TRICS database.
- 4.5 It is likely that the development will generate additional vehicle trips, but many of these will already be on the network or accessing other units within the retail park and other food retail stores, thereby limiting the number of new trips.
- 4.6 Overall, although there is likely to be an increase in the number of trips to and from the site associated with the proposed development, not all of these trips will be completely new to the network local highway network. The site access already has a suitable level of infrastructure to serve a development of this type, and the supply of parking in the vicinity is suitable for the proposed use. Therefore, overall and on balance, it is concluded that the proposal would not adversely affect local highway network.





Appendix A TRICS Trip Rates

Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 01 - RETAIL

Category: K - RETAIL PARK - EXCLUDING FOOD

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	SOUTH EAST		
	HF	HERTFORDSHIRE	1 day
03	SOUTH WEST		
	GS	GLOUCESTERSHIRE	1 day
	SM	SOMERSET	1 day
08	NORTH WEST		
	GM	GREATER MANCHESTER	1 day

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

Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

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:	GFA
Actual Range:	1968 to 110000 (units:sqm)
Range Selected by User:	1968 to 110000 (units:sqm)
Parking Spaces Range:	61 - 1522

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	01/01/16 to 14/11/23

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:

Thursday	1 days
Tuesday	2 days
Wednesday	1 days

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

Selected survey types:

Manual count	4
Direction ATC Count	0

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	3 days
Suburban Area (PPS6 Out of Centre)	1 days

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:

No Sub Category	1 days
Residential Zone	1 days
Retail Zone	2 days

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.

Inclusion of Servicing Vehicle Counts:

Servicing vehicles Excluded	2 days
Servicing vehicles Included	2 days

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 01 - RETAIL

Category: K - RETAIL PARK - EXCLUDING FOOD

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	SOUTH EAST		
	BO	BEDFORD	1 day
03	SOUTH WEST		
	DV	DEVON	1 day
	TB	TORBAY	1 day
04	EAST ANGLIA		
	NF	NORFOLK	1 day
06	WEST MIDLANDS		
	WM	WEST MIDLANDS	1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	KS	KIRKLEES	1 day
	SE	SHEFFIELD	1 day
08	NORTH WEST		
	GM	GREATER MANCHESTER	2 days
09	NORTH		
	TW	TYNE & WEAR	1 day
10	WALES		
	CF	CARDIFF	1 day

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

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

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:	GFA
Actual Range:	1968 to 110000 (units:sqm)
Range Selected by User:	1968 to 110000 (units:sqm)
Parking Spaces Range:	61 - 1522

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	01/01/16 to 14/11/23

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:

Saturday	10 days
Sunday	1 days

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

Selected survey types:

Manual count	11
Direction ATC Count	0

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	6 days
Suburban Area (PPS6 Out of Centre)	5 days

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:

Built-Up Zone	1 days
Industrial Zone	2 days
No Sub Category	2 days
Residential Zone	2 days
Retail Zone	4 days

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.

Inclusion of Servicing Vehicle Counts:

Servicing vehicles Excluded	10 days
Servicing vehicles Included	1 days

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

Secondary Filtering Selection:

Use Class:

E(a)	11 surveys
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

0 - 0

Population within 1 mile:

15,001 to 20,000	4 surveys
20,001 to 25,000	2 surveys
25,001 to 50,000	5 surveys

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

Population within 5 miles:

125,001 to 250,000	4 surveys
250,001 to 500,000	4 surveys
500,001 or More	2 surveys
75,001 to 100,000	1 surveys

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

Car ownership within 5 miles:

0.6 to 1.0	7 surveys
1.1 to 1.5	4 surveys

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.

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

Petrol filling station:

Unknown

11 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No

11 surveys

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

11 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

COVID-19 Restrictions:

Yes - At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

1	BO-01-K-01	RETAIL PARK	BEDFORD
RACE MEADOWS WAY BEDFORD KEMPSTON Edge of Town No Sub Category Gross floor area: 19000 sqm Survey date: Saturday 17/10/2020			
			Survey Type: Unknown
2	CF-01-K-01	RETAIL PARK	CARDIFF
HEOL PONTPRENNAU CARDIFF PONTPRENNAU Edge of Town Residential Zone Gross floor area: 1968 sqm Survey date: Saturday 17/03/2018			
			Survey Type: Unknown
3	DV-01-K-02	RETAIL PARK	DEVON
HELE ROAD TORQUAY Suburban Area (PPS6 Out of Centre) Retail Zone Gross floor area: 3752 sqm Survey date: Saturday 30/03/2019			
			Survey Type: Unknown
4	GM-01-K-15	RETAIL PARK	GREATER MANCHESTER
CHEETHAM HILL ROAD MANCHESTER SMEDLEY Suburban Area (PPS6 Out of Centre) Industrial Zone Gross floor area: 110000 sqm Survey date: Saturday 24/09/2016			
			Survey Type: Unknown
5	GM-01-K-17	RETAIL PARK	GREATER MANCHESTER
MANCHESTER ROAD ALTRINCHAM BROADHEATH Suburban Area (PPS6 Out of Centre) Retail Zone Gross floor area: 4600 sqm Survey date: Saturday 08/05/2021			
			Survey Type: Unknown
6	KS-01-K-01	RETAIL PARK	KIRKLEES
LEEDS ROAD HUDDERSFIELD Suburban Area (PPS6 Out of Centre) Built-Up Zone Gross floor area: 53814 sqm Survey date: Saturday 24/09/2016			
			Survey Type: Unknown
7	NF-01-K-02	RETAIL PARK	NORFOLK
PASTEUR ROAD GREAT YARMOUTH Edge of Town No Sub Category Gross floor area: 14565 sqm Survey date: Saturday 14/10/2017			
			Survey Type: Unknown
8	SE-01-K-01	RETAIL PARK	SHEFFIELD
KILNER WAY SHEFFIELD			

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

BIRLEY CARR Edge of Town Residential Zone Gross floor area: 16187 sqm Survey date: Saturday 12/09/2020				Survey Type: Unknown
9	TB-01-K-01	DUNELM & FURNITURE VILLAGE	TORBAY	
AVOCET ROAD EXETER SOWTON IND. ESTATE Edge of Town Industrial Zone Gross floor area: 2809 sqm Survey date: Saturday 15/07/2017				Survey Type: Unknown
10	TW-01-K-03	RETAIL PARK	TYNE & WEAR	
BRUNTON WAY NEWCASTLE UPON TYNE Edge of Town Retail Zone Gross floor area: 3600 sqm Survey date: Sunday 12/06/2016				Survey Type: Unknown
11	WM-01-K-07	RETAIL PARK	WEST MIDLANDS	
SPRINGVALE WAY BILSTON Suburban Area (PPS6 Out of Centre) Retail Zone Gross floor area: 19674 sqm Survey date: Sunday 11/06/2023				Survey Type: Unknown

Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

TRIP RATE for Land Use 01 - RETAIL/K - RETAIL PARK - EXCLUDING FOOD

Total Vehicles

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
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	1	19674	0.036	0.000	0.036
07:00-08:00	7	18544	0.181	0.077	0.258
08:00-09:00	11	22724	0.446	0.232	0.678
09:00-10:00	11	22724	0.869	0.585	1.454
10:00-11:00	11	22724	1.183	0.917	2.100
11:00-12:00	11	22724	1.327	1.171	2.498
12:00-13:00	11	22724	1.393	1.289	2.682
13:00-14:00	11	22724	1.302	1.325	2.627
14:00-15:00	11	22724	1.332	1.293	2.625
15:00-16:00	11	22724	1.361	1.359	2.720
16:00-17:00	11	22724	1.035	1.371	2.406
17:00-18:00	11	22724	0.769	1.049	1.818
18:00-19:00	10	24637	0.451	0.759	1.210
19:00-20:00	7	11392	0.292	0.534	0.826
20:00-21:00	6	10124	0.117	0.217	0.334
21:00-22:00	6	10124	0.053	0.120	0.173
22:00-23:00	2	11713	0.102	0.137	0.239
23:00-00:00	2	11713	0.034	0.077	0.111
Total Rates:			12.283	12.512	24.795

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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Audit Code: 4c476934-1323-44dc-9ab9-ba4b1112bc7c

Parameter Summary:

Trip rate parameter range selected:	1968 - 110000 (units: sqm)
Survey date date range:	12/06/2016 - 24/06/2023
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	10
Number of Sundays:	1
Surveys automatically removed from selection:	2
Surveys manually removed from selection:	0

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

Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

Secondary Filtering Selection:

Use Class:

E(a)	4 surveys
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

15 - 2751

Population within 1 mile:

10,001 to 15,000	1 surveys
15,001 to 20,000	2 surveys
25,001 to 50,000	1 surveys

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

Population within 5 miles:

125,001 to 250,000	2 surveys
500,001 or More	1 surveys
75,001 to 100,000	1 surveys

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

Car ownership within 5 miles:

0.6 to 1.0	2 surveys
1.1 to 1.5	2 surveys

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.

Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

Petrol filling station:

Unknown 4 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No 4 surveys

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 4 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

COVID-19 Restrictions:

No

Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

1 BROADWAY OLDHAM HOLDEN FOLD Edge of Town Residential Zone Gross floor area: 22300 sqm Survey date: Thursday 09/11/2017	GM-01-K-16	RETAIL PARK	GREATER MANCHESTER	Survey Type: Manual
2 HATHERLEY LANE CHELTENHAM SPA Edge of Town Retail Zone Gross floor area: 9350 sqm Survey date: Wednesday 03/05/2023	GS-01-K-03	RETAIL PARK	GLOUCESTERSHIRE	Survey Type: Manual
3 MONKSWOOD WAY STEVENAGE Edge of Town Retail Zone Gross floor area: 6790 sqm Survey date: Tuesday 14/11/2023	HF-01-K-02	RETAIL PARK	HERTFORDSHIRE	Survey Type: Manual
4 WESTERN AVENUE YEOVIL HOUNDSTONE Suburban Area (PPS6 Out of Centre) No Sub Category Gross floor area: 11000 sqm Survey date: Tuesday 13/09/2022	SM-01-K-01	RETAIL PARK	SOMERSET	Survey Type: Manual

DESELECTED SURVEYS

Site Ref	Survey Date	Reason for Deselection
AN-01-K-01	18-05-2022	Ireland

Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

TRIP RATE for Land Use 01 - RETAIL/K - RETAIL PARK - EXCLUDING FOOD

Total Vehicles

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
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	2	8070	0.143	0.050	0.193
07:00-08:00	4	12360	0.471	0.417	0.888
08:00-09:00	4	12360	0.916	0.611	1.527
09:00-10:00	4	12360	1.915	1.454	3.369
10:00-11:00	4	12360	2.077	1.831	3.908
11:00-12:00	4	12360	2.532	2.326	4.858
12:00-13:00	4	12360	2.824	2.729	5.553
13:00-14:00	4	12360	2.795	2.842	5.637
14:00-15:00	4	12360	2.320	2.538	4.858
15:00-16:00	4	12360	2.128	2.170	4.298
16:00-17:00	4	12360	2.116	2.231	4.347
17:00-18:00	4	12360	2.152	2.065	4.217
18:00-19:00	4	12360	1.913	2.033	3.946
19:00-20:00	4	12360	1.357	1.618	2.975
20:00-21:00	4	12360	0.611	0.924	1.535
21:00-22:00	2	8895	0.354	0.478	0.832
22:00-23:00	1	6790	0.118	0.206	0.324
23:00-00:00	1	6790	0.118	0.147	0.265
Total Rates:			26.860	26.670	53.530

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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Audit Code: bf7ea082-d4e3-469f-84bc-e24b41650f2e

Parameter Summary:

Trip rate parameter range selected:	1968 - 110000 (units: sqm)
Survey date date range:	09/11/2017 - 14/11/2023
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	2
Surveys manually removed from selection:	0

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

Calculation Reference: AUDIT-529504-250812-0851

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : C - DISCOUNT FOOD STORES
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	SO SLOUGH	1 days
	WS WEST SUSSEX	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS	
	NN NORTH NORTHAMPTONSHIRE	1 days
09	NORTH	
	DH DURHAM	1 days
	TW TYNE & WEAR	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: Gross floor area
Actual Range: 1023 to 1950 (units: sqm)
Range Selected by User: 526 to 2000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/10 to 19/05/24

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:
Tuesday 2 days
Wednesday 1 days
Thursday 2 days
Friday 1 days

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

Selected survey types:
Manual count 6 days
Directional ATC Count 0 days

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

Selected Locations:
Suburban Area (PPS6 Out of Centre) 3
Edge of Town 3

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:
Industrial Zone 1
Development Zone 1
Residential Zone 1
Retail Zone 3

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

Inclusion of Servicing Vehicles Counts:
Servicing vehicles Included 5 days - Selected
Servicing vehicles Excluded 3 days - Selected

Secondary Filtering selection:

Use Class:
E(a) 6 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 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:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	2 days

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

Population within 5 miles:

25,001 to 50,000	1 days
75,001 to 100,000	2 days
100,001 to 125,000	1 days
125,001 to 250,000	1 days
250,001 to 500,000	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	2 days

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

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	6 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

Yes	2 days
No	4 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	6 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	CA-01-C-01	LIDL		CAMBRIDGESHIRE
	CROMWELL ROAD			
	WISBECH			
	Edge of Town			
	Retail Zone			
	Total Gross floor area:	1466 sqm		
	Survey date: FRIDAY	21/10/16	Survey Type: MANUAL	
2	DH-01-C-01	ALDI		DURHAM
	WATLING ROAD			
	BISHOP AUCKLAND			
	Edge of Town			
	Retail Zone			
	Total Gross floor area:	1023 sqm		
	Survey date: THURSDAY	06/04/17	Survey Type: MANUAL	
3	NN-01-C-01	ALDI		NORTH NORTHAMPTONSHIRE
	SAXON WAY WEST			
	CORBY			
	GREAT OAKLEY			
	Edge of Town			
	Development Zone			
	Total Gross floor area:	1924 sqm		
	Survey date: TUESDAY	14/06/22	Survey Type: MANUAL	
4	SO-01-C-01	LIDL		SLOUGH
	BATH ROAD			
	SLOUGH			
	Suburban Area (PPS6 Out of Centre)			
	Retail Zone			
	Total Gross floor area:	1880 sqm		
	Survey date: THURSDAY	22/09/22	Survey Type: MANUAL	
5	TW-01-C-02	ALDI		TYNE & WEAR
	FOXHUNTERS ROAD			
	WHITLEY BAY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Gross floor area:	1600 sqm		
	Survey date: TUESDAY	17/05/22	Survey Type: MANUAL	
6	WS-01-C-06	LIDL		WEST SUSSEX
	FOUNDRY LANE			
	HORSHAM			
	Suburban Area (PPS6 Out of Centre)			
	Industrial Zone			
	Total Gross floor area:	1616 sqm		
	Survey date: WEDNESDAY	07/09/22	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.

MANUALLY DESELECTED SURVEYS

Site Ref	Survey Date	Reason for Deselection
AD-01-C-02	09/06/21	COVID

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	1	1616	0.681	1	1616	0.000	1	1616	0.681
07:00 - 08:00	6	1585	0.726	6	1585	0.337	6	1585	1.063
08:00 - 09:00	6	1585	3.186	6	1585	2.082	6	1585	5.268
09:00 - 10:00	6	1585	3.733	6	1585	3.418	6	1585	7.151
10:00 - 11:00	6	1585	4.985	6	1585	4.743	6	1585	9.728
11:00 - 12:00	6	1585	5.490	6	1585	4.985	6	1585	10.475
12:00 - 13:00	6	1585	5.752	6	1585	6.057	6	1585	11.809
13:00 - 14:00	6	1585	5.910	6	1585	5.963	6	1585	11.873
14:00 - 15:00	6	1585	5.742	6	1585	5.826	6	1585	11.568
15:00 - 16:00	6	1585	5.879	6	1585	5.837	6	1585	11.716
16:00 - 17:00	6	1585	5.532	6	1585	5.616	6	1585	11.148
17:00 - 18:00	6	1585	6.299	6	1585	6.404	6	1585	12.703
18:00 - 19:00	6	1585	4.722	6	1585	5.195	6	1585	9.917
19:00 - 20:00	6	1585	3.018	6	1585	3.533	6	1585	6.551
20:00 - 21:00	6	1585	1.967	6	1585	2.598	6	1585	4.565
21:00 - 22:00	6	1585	0.841	6	1585	1.167	6	1585	2.008
22:00 - 23:00	6	1585	0.042	6	1585	0.284	6	1585	0.326
23:00 - 24:00									
Total Rates:			64.505				64.045	128.550	

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

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

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Parameter summary

Trip rate parameter range selected:	1023 - 1950 (units: sqm)
Survey date range:	01/01/10 - 19/05/24
Number of weekdays (Monday-Friday):	7
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	2
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.

Calculation Reference: AUDIT-529504-250812-0830

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : C - DISCOUNT FOOD STORES
TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	BR BRISTOL CITY	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NG NOTTINGHAM	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:

Gross floor area

Actual Range:

1425 to 1765 (units: sqm)

Range Selected by User:

526 to 2000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 19/05/24

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:

Saturday

1 days

Sunday

2 days

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

Selected survey types:

Manual count

3 days

Directional ATC Count

0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)

2

Edge of Town

1

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

Selected Location Sub Categories:

Residential Zone

1

Retail Zone

1

High Street

1

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included

4 days - Selected

Servicing vehicles Excluded

4 days - Selected

Secondary Filtering selection:

Use Class:

E(a) 3 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 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:

15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	1 days

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

Population within 5 miles:

125,001 to 250,000	1 days
250,001 to 500,000	2 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	1 days
1.1 to 1.5	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.

Petrol filling station:

Included in the survey count	0 days
Excluded from count or no filling station	3 days

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	3 days
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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	3 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	BR-01-C-02	LIDL	BRISTOL CITY
	BATH ROAD		
	BRISTOL		
	BRISLINGTON RETAIL PK		
	Edge of Town		
	Retail Zone		
	Total Gross floor area:	1550 sqm	
	Survey date: SUNDAY	20/09/15	Survey Type: MANUAL
2	LN-01-C-03	ALDI	LINCOLNSHIRE
	NEWARK ROAD		
	LINCOLN		
	BRACEBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	High Street		
	Total Gross floor area:	1485 sqm	
	Survey date: SATURDAY	28/10/17	Survey Type: MANUAL
3	NG-01-C-01	ALDI	NOTTINGHAM
	ASHGATE ROAD		
	NEAR NOTTINGHAM		
	HUCKNALL		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	1447 sqm	
	Survey date: SUNDAY	01/07/18	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.

MANUALLY DESELECTED SURVEYS

Site Ref	Survey Date	Reason for Deselection
MM-01-C-01	28/11/20	COVID
MS-01-C-05	24/04/21	COVID
SF-01-C-01	26/06/21	COVID
SF-01-C-02	26/06/21	COVID
TV-01-C-01	05/09/20	COVID

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES

TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	3	1494	0.357	3	1494	0.089	3	1494	0.446
08:00 - 09:00	3	1494	1.986	3	1494	1.361	3	1494	3.347
09:00 - 10:00	3	1494	3.905	3	1494	2.164	3	1494	6.069
10:00 - 11:00	3	1494	9.304	3	1494	7.675	3	1494	16.979
11:00 - 12:00	3	1494	9.839	3	1494	9.371	3	1494	19.210
12:00 - 13:00	3	1494	9.438	3	1494	9.951	3	1494	19.389
13:00 - 14:00	3	1494	9.728	3	1494	9.973	3	1494	19.701
14:00 - 15:00	3	1494	8.121	3	1494	9.192	3	1494	17.313
15:00 - 16:00	3	1494	7.809	3	1494	9.036	3	1494	16.845
16:00 - 17:00	3	1494	2.499	3	1494	3.637	3	1494	6.136
17:00 - 18:00	3	1494	1.740	3	1494	1.963	3	1494	3.703
18:00 - 19:00	2	1466	1.160	2	1466	0.921	2	1466	2.081
19:00 - 20:00	2	1466	0.989	2	1466	1.569	2	1466	2.558
20:00 - 21:00	1	1485	1.347	1	1485	1.684	1	1485	3.031
21:00 - 22:00	1	1485	1.010	1	1485	1.145	1	1485	2.155
22:00 - 23:00	1	1485	0.471	1	1485	0.673	1	1485	1.144
23:00 - 24:00									
Total Rates:			69.703			70.404			140.107

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Parameter summary

Trip rate parameter range selected:	1425 - 1765 (units: sqm)
Survey date range:	01/01/10 - 19/05/24
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	6
Number of Sundays:	2
Surveys automatically removed from selection:	5
Surveys manually removed from selection:	0

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