

TECHNICAL NOTE TN04

RESPONSE TO NEWPORT CITY COUNCIL CONSULTATION COMMENTS

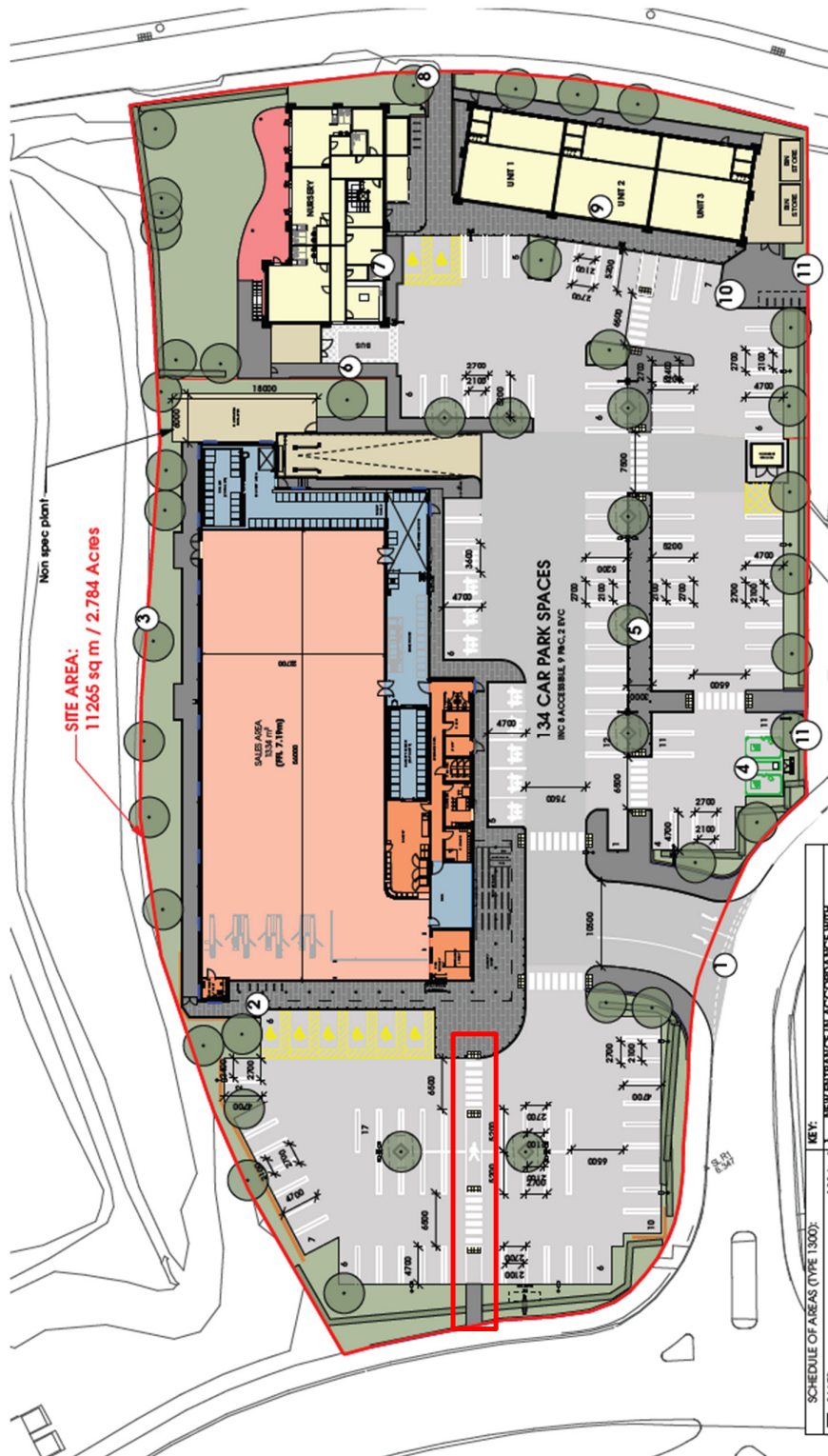
Project: Proposed Discount Food Store Development
Application Ref: 24/0782
Location: Queen's Way, Glan Llyn, Newport
Author: Ryan Leach
Approved by: Jim Budd
Ref: SCP/240426/TN04
Date: 24 January 2025

Introduction

1. This Technical Note responds to the comments issued by Newport City Council (NCC) dated 30th December 2024 in relation to the Technical Note that was submitted (ref: SCP/240426/TN01 Rev 004) in support of a reserved matters application for a proposed retail store, nursery (D1) and 3no. commercial units.
2. The following schedule details the issues raised regarding the submitted Technical Note and our considered response to each item.

Ref.	Consideration of Wider Site
1.	NCC Comment <i>It is not disputed that the previous TN referred to the details described. The issue is that the application does not consider them further. There is no consideration of the obvious convenient linkages between this site and the extensive residential development. There will be buses passing close to the site, but these are not referenced, and no attempt is made to create appropriate and more direct linkage / stops for what should be the main catchment. There is no recognition of the desire lines into/through the site for pedestrians. We therefore consider the point still stands and maintain the objection.</i>
	SCP Response An additional pedestrian route into the site has now been added along the southern boundary onto Queen's Way. This access point will serve those using the proposed bus services along Queen's Way and the residents to the west at Bridling Crescent. The Figure below illustrates

the location of the additional pedestrian access and the safe internal route to the store entrance provided by zebra crossings. The latest masterplan is attached as **Appendix 1**.



2.	NCC Comment
	<i>We note the introduction of additional pedestrian access points. We would comment that only one of those labelled "11" is meaningful. Internally there is no route along the desire line and there are conflicts with manoeuvring or loading HGVs for all pedestrians entering from the north to visit the Aldi. The nursery and units 1-3 are well served on this side, but poorly served from any other direction.</i>
	SCP Response
	It should be noted that the proposed site that is the subject of this reserved matters application is only one part of the local centre proposed as part of the outline application. The land to the east of the site will be pedestrianised as part of the wider Local Centre proposals and access points will also be available to pedestrians as a result of the development of this area. The figure below illustrates the indicative site layout approved for the Local centre, with the pedestrianised area to the east of the site labelled as E. Lidl's reserved matters application in the context of the wider Local centre is also shown.
	 Approved Local Centre outline masterplan  Lidl's reserved matters application in context

3.	NCC Comment <i>The stop referred to on Queensway would not serve both directions and local residential areas. Stops to the north of the site would benefit from local services and provide for an extensive local residential area. These should be provided.</i> SCP Response We understand the bus stop on Queensway will eventually be served by a circular bus route linking the wider regeneration site to Newport City Centre. It is not within Lidl's gift to implement this service; that is the responsibility of the developer who have entered into a section 106 agreement with the city council to fund bus service improvements for nine years following the first anniversary of the first occupation of the 100th dwelling. The site has been designed specifically to address accessibility for those walking, cycling and using public transport to and from the site.
Cycle Parking	
4.	NCC Comment <i>Long stay cycle parking must be secure and fully weatherproof. Simply "covered" is only appropriate for short stay (not employee) use. We would accept an internal provision for Aldi, but it must be a designated secure space, with cycle stands, not an "allowable practice". Staff parking is needed to avoid objection. Whilst detail can be agreed via a condition, it is necessary to have an understanding of the quality required and agree the location and capacity to be provided.</i> <i>No condition will be discharged based on warehouse parking being allowed. The condition will also seek employee parking for other premises.</i> SCP Response We note confirmation that details of long stay cycle parking can be agreed via condition. Such a condition should request confirmation of the product, its location and the number required. Typically, only 8-10 staff are on site at any one time and the Travel Planning process (which we would also expect to be conditioned) will confirm demand and what maybe required to make cycling more attractive.

Electric Vehicle Charging	
5.	NCC Comment
	<i>It is not known how the electricity for charging is proposed to be provided. We would not expect Lidl to pay for it (indeed they may provide a commercial service) and we would not expect other businesses to have no provision. Whilst two spaces and ducting to future proof it could be acceptable for Lidl, additional provision is expected for other tenants/owners on the broader site.</i>
	SCP Response
	Demand for EV charging will be monitored using data provided by Lidl's EV charging supplier Pod Point and any future EV charging provision will be available to all users on site including users of the commercial units and nursery. 10% of parking provision will be fitted with the ducting that will enable additional spaces to become active EV charging spaces if demand materialised to a level that would justify such expansion. We would envisage any expansion to EVC parking take place northwards from the two initial rapid charging bays along the eastern boundary. These would be accessible to all users of the site.
Travel Plan	
6.	NCC Comment
	<i>We are aware of the contents of the TP, but maintain it is not strong enough and will be undermined by over-provision of parking. The Active Travel Officer will however be the one to comment in detail.</i>
	SCP Response
	We do not accept that there is an overprovision of car parking, see response below at item 7. We await comments from the Active Travel Officer on this matter.

Car Parking	
7.	NCC Comment <i>Whilst Newport's standards for parking are based on gross area, the difference is not sufficient to justify a giant leap in requirements. Furthermore, the Lidl is being promoted on the basis of being a relatively low traffic generator (compared to operators of larger stores). The standard for 2000 sqm stores is therefore considered most appropriate. Being 45sqm above this does not justify a step change. The standard for "supermarkets and superstores, predominantly food" would be synonymous with the larger stores and a much more onerous trip generation assessment.</i> <i>The reference to the Tring appeal decision is not a factor that we would give weight to. It is clear from the first line of the extract that it is a discussion of a site that does not meet the council's requirements for sustainability and will be more reliant on cars than it should, simply by virtue of its location. The Inspector appears to be being pragmatic about the constraints and use of the site. To earn any weight, it would be necessary to show that the stores are comparable.</i> <i>Furthermore, it would be necessary to demonstrate much higher trip generation than has currently been assumed. The parking accumulation and junction impacts would all need to be revisited.</i> <i>All current research and best practice papers accept that the provision of excess free parking encourages car use. Whilst a car will be preferred for bulk shopping, a lot of shopping doesn't require one and this is another factor relied upon to justify low trip generation. The assumption of low car use and higher "walk in" clearly contradicts with a need for a high parking demand. The two cannot be accepted together.</i> <i>We understand that there are occasions when stores will be much busier like Christmas, but all planning and design work must be based on neutral days/weeks/months. Our objection to the level of parking proposed is therefore maintained.</i> SCP Response It is not accepted that lower trip rates have been used. A TRICS exercise has been undertaken to establish the difference in daily trip rates between food superstores and discount food stores. Food superstores with a similar GFA to the proposed discount foodstore have been selected. The resulting daily trip rates and trip generation for food superstores and discount food stores are shown in the below tables. The full TRICS output reports can be found attached as Appendices 2.1 – 2.6.

Food Superstores (1995-2005)		WEEK DAY			SAT		
		Daily			Daily		
2045		Ar	Dep	Total	Ar	Dep	Total
20.45	Trip rate	80.676	80.677	161.353	70.774	68.809	139.583
	Trip gen	1650	1650	3300	1447	1407	2854

Food Superstores (2010-2024)		WEEK DAY			SAT		
		Daily			Daily		
2045 GFA		Ar	Dep	Total	Ar	Dep	Total
20.45	Trip rate	51.024	51.113	102.137	61.515	61.707	123.222
	Trip gen	1043	1045	2089	1258	1262	2520

Discount Food Stores		WEEK DAY			SAT		
		Daily			Daily		
1334 RFA		Ar	Dep	Total	Ar	Dep	Total
13.34	Trip rate	80.391	80.477	160.868	91.836	91.588	183.424
	Trip gen	1072	1074	2146	1225	1222	2447

As can be seen from the above tables, trip rates for food superstores have reduced over the last 20-30 years. The level of activity for a discount food store is now almost identical to that of a food superstore and on that basis we do not accept that lower trip rates have been used in our assessment of parking demand.

The parking accumulation graphs included in document reference: SCP/240426/TN01 Rev 004 are based on hourly trip rates sourced from TRICS. The limitation of this is that it assumes arrival and departures are distributed evenly across the hour. Constant arrival and departure patterns throughout the hour are rare given customer shopping patterns and therefore it is likely that for short periods within the hour the peak demand will exceed the TRICS-derived forecast peak. If it was assumed that 70% depart in the same hour and 30% depart in the following period during seasonal peak periods such as Christmas and Easter, the peak parking demand for Lidl alone is 80% of capacity on a weekday and is at capacity on a Saturday on the basis of their circa 100 spaces out of the total quantum of 134 for this part of the Local Centre, as shown in the graphs below.

	Car Park Occupancy Forecasts - Weekday <table border="1"> <caption>Car Park Occupancy Forecasts - Weekday (Seasonal Peak)</caption> <thead> <tr> <th>Time Slot</th> <th>Occupancy</th> </tr> </thead> <tbody> <tr><td>06:00-07:00</td><td>5</td></tr> <tr><td>07:00-08:00</td><td>10</td></tr> <tr><td>08:00-09:00</td><td>35</td></tr> <tr><td>09:00-10:00</td><td>55</td></tr> <tr><td>10:00-11:00</td><td>65</td></tr> <tr><td>11:00-12:00</td><td>77</td></tr> <tr><td>12:00-13:00</td><td>77</td></tr> <tr><td>13:00-14:00</td><td>70</td></tr> <tr><td>14:00-15:00</td><td>72</td></tr> <tr><td>15:00-16:00</td><td>72</td></tr> <tr><td>16:00-17:00</td><td>70</td></tr> <tr><td>17:00-18:00</td><td>60</td></tr> <tr><td>18:00-19:00</td><td>45</td></tr> <tr><td>19:00-20:00</td><td>30</td></tr> <tr><td>20:00-21:00</td><td>15</td></tr> <tr><td>21:00-22:00</td><td>5</td></tr> <tr><td>22:00-23:00</td><td>0</td></tr> </tbody> </table> Car Park Occupancy Forecasts - Saturday <table border="1"> <caption>Car Park Occupancy Forecasts - Saturday (Seasonal Peak)</caption> <thead> <tr> <th>Time Slot</th> <th>Occupancy</th> </tr> </thead> <tbody> <tr><td>06:00-07:00</td><td>5</td></tr> <tr><td>07:00-08:00</td><td>10</td></tr> <tr><td>08:00-09:00</td><td>35</td></tr> <tr><td>09:00-10:00</td><td>55</td></tr> <tr><td>10:00-11:00</td><td>75</td></tr> <tr><td>11:00-12:00</td><td>101</td></tr> <tr><td>12:00-13:00</td><td>90</td></tr> <tr><td>13:00-14:00</td><td>90</td></tr> <tr><td>14:00-15:00</td><td>90</td></tr> <tr><td>15:00-16:00</td><td>85</td></tr> <tr><td>16:00-17:00</td><td>75</td></tr> <tr><td>17:00-18:00</td><td>70</td></tr> <tr><td>18:00-19:00</td><td>50</td></tr> <tr><td>19:00-20:00</td><td>35</td></tr> <tr><td>20:00-21:00</td><td>20</td></tr> <tr><td>21:00-22:00</td><td>10</td></tr> <tr><td>22:00-23:00</td><td>5</td></tr> </tbody> </table>	Time Slot	Occupancy	06:00-07:00	5	07:00-08:00	10	08:00-09:00	35	09:00-10:00	55	10:00-11:00	65	11:00-12:00	77	12:00-13:00	77	13:00-14:00	70	14:00-15:00	72	15:00-16:00	72	16:00-17:00	70	17:00-18:00	60	18:00-19:00	45	19:00-20:00	30	20:00-21:00	15	21:00-22:00	5	22:00-23:00	0	Time Slot	Occupancy	06:00-07:00	5	07:00-08:00	10	08:00-09:00	35	09:00-10:00	55	10:00-11:00	75	11:00-12:00	101	12:00-13:00	90	13:00-14:00	90	14:00-15:00	90	15:00-16:00	85	16:00-17:00	75	17:00-18:00	70	18:00-19:00	50	19:00-20:00	35	20:00-21:00	20	21:00-22:00	10	22:00-23:00	5
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8.	NCC Comment <i>Minibus parking is noted, but the location requires buses to reverse the length of the car park which is not supported.</i> SCP Response Minibuses will need to reverse for a short distance to reach their dedicated parking area. Such movements will be relatively much less frequent than the use of each perpendicular bays on either side of this area of the car park. We do not understand why this cannot be supported.																																																																								

9.	NCC Comment
	<i>Confirmation of bay sizes noted and no further comments.</i>
	SCP Response
	Noted.
Servicing	
10.	NCC Comment
	<i>The commercial units will have no control over the vehicle sizes used to deliver to them and articulated vehicles up to 16.5m should be anticipated. Swept paths are requested to confirm they can enter and leave without reversing.</i>
	<i>It should also be noted that all HGV loading/unloading will impact through flows and more importantly will obscure forward visibility of the crossing point. This raises safety concerns that should be addressed via better provision for pedestrians.</i>
	SCP Response
11.	Given their size, it is highly unlikely that a 16.5m articulated vehicle would serve the commercial units and the use of smaller delivery vehicles is likely to be self-enforcing.
	A Delivery, Service and Waste Management Plan, once the occupiers of the commercial units are known, would be provided via condition to address any concerns around the servicing of these units and would confirm, inter alia, vehicle types, sizes and arrival times.
11.	NCC Comment
	<i>We note that HGVs can access the yard as now suggested, however this is still a significant safety concern. Stopping on a crossing and obscuring pedestrians from other vehicles is an issue as well as the fact that pedestrians will walk behind it. In addition, cars will stop behind it and they may not be seen either.</i>
	<i>Vehicles entering the loading area also cross the route of pedestrians whilst reversing, notably those cross visiting the nursery and the retail, but also those entering the site from the northern access adjacent to the nursery. We would suggest this could be the largest pedestrian flow through the site.</i>

It is not entirely clear what level of inter-visibility is available for vehicles exiting the yard and this also needs to be demonstrated. The assessment should take account of the gradient of the service access.

There are a number of other points of conflict with pedestrians and other vehicles as the swept path assessments demonstrates clearly. These could however be accepted as the vehicles are travelling forwards.

The store is likely to have more than two deliveries a day as is suggested, but even that would be sufficient to raise an objection. The other vehicles are likely to be rigids, but these also have very poor visibility in reverse and HGV collisions are disproportionately high for reversing vehicles.

Any reversing of HGVs in a public area will raise objections and as previously stated, the proposal is contrary to what was agreed at outline. It therefore raises an objection on grounds of highway safety.

SCP Response

The figure below illustrates the servicing arrangement outlined in the approved Sub-Area Masterplan. The servicing arrangement here is very similar – if not identical – to what is proposed in this reserved matters application, with the HGV reversing back along the car park into the servicing area. The text that accompanied this drawing is also shown.

5.5 Servicing

It is normal practice within local centres to utilise parking areas for servicing rather than constructing separate, dedicated, service roads. This is a more sustainable approach to land use and prevents large back of house areas which would prevent double frontages being used which is a key element of the local centre vision.

This approach will be adopted at Glan Llyn with the majority of units being front serviced from the parking areas.

Parking areas should be designed and constructed to accommodate both refuse vehicles and HGV's within the circulation areas without impacting on individual parking bays.

A dedicated secure and screened yard area should be provided within the site to accommodate waste and plant areas. This should be accessible to both refuse and delivery vehicles.

Whilst the final masterplan will be subject to detailed design and the final requirements of end users an indicative masterplan, illustrated on page 15, has been tracked to illustrate one way in which the local centre could be serviced.



12.	NCC Comment
	<i>We note confirmation of the waste strategy and there are no further comments.</i>
	SCP Response
	Noted.
13.	NCC Comment
	<i>This proposal is being considered on its own merits as policy dictates. Whilst we would support overnight deliveries, this would not be appropriate for all deliveries and therefore not a reasonable condition. Furthermore, we would not expect nighttime deliveries to be supported by colleagues in environmental health.</i>
	<i>Lidl's responsibilities do not in any way reduce our duties and reversing HGVs in public areas is undoubtedly a safety concern that could and should be avoided. The first action when considering any risk assessment is to consider how the risk can be eliminated at the design stage. There is adequate space on this site to provide a safe solution.</i>
	SCP Response
	We note the qualified support and await the advice of the council's EHO on the matter.

Conclusion

3. The additional information provided in this Technical Note confirms that each concern raised within the NCC response has been addressed in full.
4. This Technical Note therefore concludes that the application for a new discount foodstore on land west of Kings Wall Drive, Newport should be capable of being supported in highways terms.

Client: Lidl GB

Proposed Discount Food Store, Queen's Way, Glan Llyn Newport

Technical Note Appendices

Project No. 240426

DATE JANUARY 2025



APPENDICES

1 Site Layout Drawing

2.1 Discount Food Store Weekday TRICS Reports

2.2 Discount Food Store Weekend TRICS Reports

2.3 Food Superstore 1995 – 2005 Weekday TRICS Reports

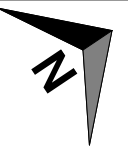
2.4 Food Superstore 1995 – 2005 Weekend TRICS Reports

2.5 Food Superstore 2010 – 2024 Weekday TRICS Reports

2.6 Food Superstore 2010 – 2024 Weekend TRICS Reports



APPENDIX 1



K	21/01/2025	Pedestrian Link added from Queensway	BM
J	16/12/2024	Nursery Cycle Parking adjusted	BM
I	13/12/2024	Boundary treatment updated to reflect	KA
H	28/11/2024	Pedestrian route removed, parking increased	KA
G	26/11/2024	Pedestrian routes adjusted, boundary updated.	KA
Rev.	Date	Description	Drawn

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client
Lidl GB Ltd.



project
**Glan Llyn
Newport**

drawing title
**Proposed Setting Out
Masterplan**

date **July 2024**
status **Planning**
scale **1:500 @ A3**
drawn **CP** checked **LS**
job no. **3211** dwg no. **P401** rev. **K**

Non spec plant

SITE AREA:
11265 sq m / 2.784 Acres

SCHEDULE OF AREAS (TYPE 1300):	
SALES	=1334 m ²
WAREHOUSE	=410 m ²
ANCILLARY	=218 m ²
GIA	=1962 m ²
SCHEDULE OF AREAS GIA (UNITS):	
UNIT 1	=131m ²
UNIT 2	=133m ²
UNIT 3	=131m ²
NURSERY (GF FOOTPRINT ONLY)	=352m ²
CAR PARKING NUMBERS:	
TOTAL CAR PARKING NUMBERS	134
LIDL CAR PARKING	104
NURSERY & RETAIL PARKING	30

KEY:	
1.	NEW ENTRANCE IN ACCORDANCE WITH HIGHWAYS CONSULTANT DESIGN/DETAILS
2.	NEW CYCLE STAND
3.	RED LINE BOUNDARY LOCATION
4.	1 FEEDER UNIT AND 2 SPACES (RAPID CHARGERS)
5.	3m WIDE FOR SHARED PEDESTRIAN ACCESS TO SOUTH SITE
6.	COACH, DELIVERY AND REFUSE ACCESS FOR NURSERY
7.	NEW PROPOSED NURSERY
8.	PEDESTRIAN ACCESS FROM BESSEMER ROAD
9.	NEW PROPOSED RETAIL UNITS
10.	DELIVERY AND REFUSE ACCESS FOR UNITS
11.	FUTURE PEDESTRIAN ACCESS TO SOUTH OF SITE



APPENDIX 2.1

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

MULTI-MODAL TOTAL VEHICLESSelected regions and areas:

03	SOUTH WEST	
	SM SOMERSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	2 days
09	NORTH	
	NB NORTHUMBERLAND	1 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
	SR STIRLING	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: Retail floor area
 Actual Range: 900 to 1690 (units: sqm)
 Range Selected by User: 649 to 1690 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/07/16 to 29/11/19

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

Selected survey days:

Monday	2 days
Tuesday	5 days
Wednesday	1 days
Thursday	3 days
Friday	3 days

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

Selected survey types:

Manual count	14 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	5
Suburban Area (PPS6 Out of Centre)	2
Edge of Town	4
Neighbourhood Centre (PPS6 Local Centre)	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	2
Development Zone	1
Residential Zone	2
Retail Zone	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:

A1 14 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

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
10,001 to 15,000	4 days
15,001 to 20,000	1 days
20,001 to 25,000	2 days
25,001 to 50,000	3 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	2 days
50,001 to 75,000	2 days
75,001 to 100,000	2 days
125,001 to 250,000	3 days
250,001 to 500,000	2 days
500,001 or More	2 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	10 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	14 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:

Not Known	1 days
Yes	2 days
No	11 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	14 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	AD-01-C-01	LIDL	ABERDEEN CITY
	GREENWELL ROAD		
	ABERDEEN		
	EAST TULLOS IND. ESTATE		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Retail floor area:	1650 sqm	
	Survey date: MONDAY	18/11/19	Survey Type: MANUAL
2	CA-01-C-01	LIDL	CAMBRIDGESHIRE
	CROMWELL ROAD		
	WISBECH		
	Edge of Town		
	Retail Zone		
	Total Retail floor area:	913 sqm	
	Survey date: FRIDAY	21/10/16	Survey Type: MANUAL
3	CF-01-C-01	LIDL	CARDIFF
	EAST TYNDALL STREET		
	CARDIFF		
	Suburban Area (PPS6 Out of Centre)		
	Development Zone		
	Total Retail floor area:	1407 sqm	
	Survey date: THURSDAY	29/06/17	Survey Type: MANUAL
4	LN-01-C-01	LIDL	LINCOLNSHIRE
	RICHMOND DRIVE		
	SKEGNESS		
	Edge of Town Centre		
	Built-Up Zone		
	Total Retail floor area:	1424 sqm	
	Survey date: TUESDAY	19/07/16	Survey Type: MANUAL
5	NB-01-C-01	LIDL	NORTHUMBERLAND
	SCHALKSMUHLE ROAD		
	BEDLINGTON		
	Edge of Town Centre		
	No Sub Category		
	Total Retail floor area:	1425 sqm	
	Survey date: MONDAY	12/06/17	Survey Type: MANUAL
6	NF-01-C-01	LIDL	NORFOLK
	AYLSHAM ROAD		
	NORWICH		
	Neighbourhood Centre (PPS6 Local Centre)		
	No Sub Category		
	Total Retail floor area:	1690 sqm	
	Survey date: FRIDAY	29/11/19	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

7	NR-01-C-02	LIDL	NORTHAMPTONSHIRE
	NEWTON ROAD RUSHDEN		
	Edge of Town Centre Residential Zone Total Retail floor area: 1424 sqm Survey date: TUESDAY 19/07/16		Survey Type: MANUAL
8	NT-01-C-01	LIDL	NOTTINGHAMSHIRE
	CHAPEL LANE BINGHAM		
	Edge of Town Industrial Zone Total Retail floor area: 1424 sqm Survey date: FRIDAY 15/07/16		Survey Type: MANUAL
9	SM-01-C-01	LIDL	SOMERSET
	SEAWARD WAY MINEHEAD		
	Edge of Town No Sub Category Total Retail floor area: 1407 sqm Survey date: THURSDAY 22/06/17		Survey Type: MANUAL
10	SR-01-C-01	LIDL	STIRLING
	PLAYERS ROAD STIRLING		
	Edge of Town Centre Built-Up Zone Total Retail floor area: 1424 sqm Survey date: THURSDAY 01/06/17		Survey Type: MANUAL
11	WM-01-C-01	LIDL	WEST MIDLANDS
	MACKADOWN LANE BIRMINGHAM KITT'S GREEN Neighbourhood Centre (PPS6 Local Centre) No Sub Category Total Retail floor area: 1341 sqm Survey date: TUESDAY 12/07/16		Survey Type: MANUAL
12	WM-01-C-02	LIDL	WEST MIDLANDS
	HIGH STREET WEST BROMWICH GUNS VILLAGE Neighbourhood Centre (PPS6 Local Centre) High Street Total Retail floor area: 1341 sqm Survey date: TUESDAY 12/07/16		Survey Type: MANUAL
13	WO-01-C-01	LIDL	WORCESTERSHIRE
	BLACKPOLE ROAD WORCESTER BRICKFIELDS Edge of Town Retail Zone Total Retail floor area: 1424 sqm Survey date: WEDNESDAY 13/07/16		Survey Type: MANUAL
14	WO-01-C-02	LIDL	WORCESTERSHIRE
	WORCESTER ROAD MALVERN		
	Edge of Town Centre Residential Zone Total Retail floor area: 900 sqm Survey date: TUESDAY 26/06/18		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 SITES

Site Ref	Reason for Deselection
DH-01-C-01	NOT LIDL
TW-01-C-01	NOT LIDL

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

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.281	2	1424	0.070	2	1424	0.351
07:00 - 08:00	14	1371	0.662	14	1371	0.234	14	1371	0.896
08:00 - 09:00	14	1371	4.204	14	1371	2.845	14	1371	7.049
09:00 - 10:00	14	1371	5.580	14	1371	4.757	14	1371	10.337
10:00 - 11:00	14	1371	6.059	14	1371	5.455	14	1371	11.514
11:00 - 12:00	14	1371	6.950	14	1371	6.596	14	1371	13.546
12:00 - 13:00	14	1371	6.950	14	1371	7.065	14	1371	14.015
13:00 - 14:00	14	1371	6.846	14	1371	7.502	14	1371	14.348
14:00 - 15:00	14	1371	7.325	14	1371	7.164	14	1371	14.489
15:00 - 16:00	14	1371	7.158	14	1371	7.169	14	1371	14.327
16:00 - 17:00	14	1371	7.367	14	1371	7.544	14	1371	14.911
17:00 - 18:00	14	1371	6.742	14	1371	7.211	14	1371	13.953
18:00 - 19:00	14	1371	5.882	14	1371	6.268	14	1371	12.150
19:00 - 20:00	14	1371	4.444	14	1371	4.892	14	1371	9.336
20:00 - 21:00	14	1371	2.688	14	1371	3.532	14	1371	6.220
21:00 - 22:00	14	1371	1.209	14	1371	1.829	14	1371	3.038
22:00 - 23:00	13	1407	0.044	13	1407	0.344	13	1407	0.388
23:00 - 24:00									
Total Rates:			80.391				80.477	160.868	

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:	900 - 1690 (units: sqm)
Survey date range:	01/07/16 - 29/11/19
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	2

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

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.035	2	1424	0.000	2	1424	0.035
07:00 - 08:00	14	1371	0.016	14	1371	0.005	14	1371	0.021
08:00 - 09:00	14	1371	0.135	14	1371	0.094	14	1371	0.229
09:00 - 10:00	14	1371	0.115	14	1371	0.073	14	1371	0.188
10:00 - 11:00	14	1371	0.146	14	1371	0.125	14	1371	0.271
11:00 - 12:00	14	1371	0.099	14	1371	0.130	14	1371	0.229
12:00 - 13:00	14	1371	0.120	14	1371	0.141	14	1371	0.261
13:00 - 14:00	14	1371	0.120	14	1371	0.109	14	1371	0.229
14:00 - 15:00	14	1371	0.141	14	1371	0.125	14	1371	0.266
15:00 - 16:00	14	1371	0.162	14	1371	0.156	14	1371	0.318
16:00 - 17:00	14	1371	0.156	14	1371	0.099	14	1371	0.255
17:00 - 18:00	14	1371	0.214	14	1371	0.234	14	1371	0.448
18:00 - 19:00	14	1371	0.162	14	1371	0.156	14	1371	0.318
19:00 - 20:00	14	1371	0.063	14	1371	0.094	14	1371	0.157
20:00 - 21:00	14	1371	0.099	14	1371	0.125	14	1371	0.224
21:00 - 22:00	14	1371	0.010	14	1371	0.068	14	1371	0.078
22:00 - 23:00	13	1407	0.005	13	1407	0.027	13	1407	0.032
23:00 - 24:00									
Total Rates:			1.798			1.761			3.559

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

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

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

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.386	2	1424	0.035	2	1424	0.421
07:00 - 08:00	14	1371	0.240	14	1371	0.026	14	1371	0.266
08:00 - 09:00	14	1371	1.266	14	1371	1.052	14	1371	2.318
09:00 - 10:00	14	1371	1.693	14	1371	1.553	14	1371	3.246
10:00 - 11:00	14	1371	2.011	14	1371	1.782	14	1371	3.793
11:00 - 12:00	14	1371	2.126	14	1371	2.173	14	1371	4.299
12:00 - 13:00	14	1371	2.756	14	1371	2.688	14	1371	5.444
13:00 - 14:00	14	1371	2.329	14	1371	2.490	14	1371	4.819
14:00 - 15:00	14	1371	2.110	14	1371	1.980	14	1371	4.090
15:00 - 16:00	14	1371	2.256	14	1371	2.371	14	1371	4.627
16:00 - 17:00	14	1371	2.532	14	1371	2.303	14	1371	4.835
17:00 - 18:00	14	1371	2.490	14	1371	2.298	14	1371	4.788
18:00 - 19:00	14	1371	1.954	14	1371	1.964	14	1371	3.918
19:00 - 20:00	14	1371	0.938	14	1371	1.349	14	1371	2.287
20:00 - 21:00	14	1371	0.927	14	1371	1.089	14	1371	2.016
21:00 - 22:00	14	1371	0.526	14	1371	0.787	14	1371	1.313
22:00 - 23:00	13	1407	0.000	13	1407	0.126	13	1407	0.126
23:00 - 24:00									
Total Rates:	26.540			26.066			52.606		

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

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

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

MULTI-MODAL PUBLIC TRANSPORT USERS**Calculation factor: 100 sqm****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.176	2	1424	0.000	2	1424	0.176
07:00 - 08:00	14	1371	0.068	14	1371	0.021	14	1371	0.089
08:00 - 09:00	14	1371	0.365	14	1371	0.146	14	1371	0.511
09:00 - 10:00	14	1371	0.422	14	1371	0.386	14	1371	0.808
10:00 - 11:00	14	1371	0.406	14	1371	0.417	14	1371	0.823
11:00 - 12:00	14	1371	0.406	14	1371	0.391	14	1371	0.797
12:00 - 13:00	14	1371	0.328	14	1371	0.313	14	1371	0.641
13:00 - 14:00	14	1371	0.406	14	1371	0.375	14	1371	0.781
14:00 - 15:00	14	1371	0.354	14	1371	0.359	14	1371	0.713
15:00 - 16:00	14	1371	0.380	14	1371	0.339	14	1371	0.719
16:00 - 17:00	14	1371	0.349	14	1371	0.307	14	1371	0.656
17:00 - 18:00	14	1371	0.302	14	1371	0.406	14	1371	0.708
18:00 - 19:00	14	1371	0.276	14	1371	0.323	14	1371	0.599
19:00 - 20:00	14	1371	0.151	14	1371	0.245	14	1371	0.396
20:00 - 21:00	14	1371	0.130	14	1371	0.146	14	1371	0.276
21:00 - 22:00	14	1371	0.052	14	1371	0.109	14	1371	0.161
22:00 - 23:00	13	1407	0.000	13	1407	0.022	13	1407	0.022
23:00 - 24:00									
Total Rates:			4.571			4.305			8.876

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.



APPENDIX 2.2

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

MULTI-MODAL TOTAL VEHICLESSelected regions and areas:

03	SOUTH WEST	
	SM SOMERSET	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	2 days
	NR NORTHAMPTONSHIRE	1 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	1 days
09	NORTH	
	NB NORTHUMBERLAND	1 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	SR STIRLING	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: Retail floor area
 Actual Range: 1235 to 1425 (units: sqm)
 Range Selected by User: 649 to 1690 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/07/16 to 29/11/19

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

Selected survey days:

Saturday 11 days

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

Selected survey types:

Manual count 11 days
 Directional ATC Count 0 days

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

Selected Locations:

Edge of Town Centre 4
 Suburban Area (PPS6 Out of Centre) 2
 Edge of Town 3
 Neighbourhood Centre (PPS6 Local Centre) 2

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

Selected Location Sub Categories:

Industrial Zone 1
 Development Zone 1
 Residential Zone 1
 Retail Zone 1
 Built-Up Zone 2
 High Street 1
 No Sub Category 4

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:

A1	11 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

Population within 1 mile:

5,001 to 10,000	2 days
10,001 to 15,000	3 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	2 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
75,001 to 100,000	2 days
125,001 to 250,000	2 days
250,001 to 500,000	2 days
500,001 or More	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	2 days
1.1 to 1.5	8 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	11 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:

Not Known	1 days
Yes	2 days
No	8 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	11 days
-----------------	---------

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

LIST OF SITES relevant to selection parameters

1	CF-01-C-01	LIDL	CARDIFF
	EAST TYNDALL STREET CARDIFF		
	Suburban Area (PPS6 Out of Centre) Development Zone		
	Total Retail floor area:	1407 sqm	
	Survey date: SATURDAY	01/07/17	Survey Type: MANUAL
2	LN-01-C-01	LIDL	LINCOLNSHIRE
	RICHMOND DRIVE SKEGNESS		
	Edge of Town Centre Built-Up Zone		
	Total Retail floor area:	1424 sqm	
	Survey date: SATURDAY	16/07/16	Survey Type: MANUAL
3	LN-01-C-02	LIDL	LINCOLNSHIRE
	DIXON STREET LINCOLN NEW BOULTHAM		
	Suburban Area (PPS6 Out of Centre) No Sub Category		
	Total Retail floor area:	1235 sqm	
	Survey date: SATURDAY	28/10/17	Survey Type: MANUAL
4	NB-01-C-01	LIDL	NORTHUMBERLAND
	SCHALKSMUHLE ROAD BEDLINGTON		
	Edge of Town Centre No Sub Category		
	Total Retail floor area:	1425 sqm	
	Survey date: SATURDAY	10/06/17	Survey Type: MANUAL
5	NR-01-C-02	LIDL	NORTHAMPTONSHIRE
	NEWTON ROAD RUSHDEN		
	Edge of Town Centre Residential Zone		
	Total Retail floor area:	1424 sqm	
	Survey date: SATURDAY	16/07/16	Survey Type: MANUAL
6	NT-01-C-01	LIDL	NOTTINGHAMSHIRE
	CHAPEL LANE BINGHAM		
	Edge of Town Industrial Zone		
	Total Retail floor area:	1424 sqm	
	Survey date: SATURDAY	16/07/16	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

7	SM-01-C-01	LIDL	SOMERSET
	SEAWARD WAY		
	MINEHEAD		
	Edge of Town		
	No Sub Category		
	Total Retail floor area:	1407 sqm	
	Survey date: SATURDAY	24/06/17	Survey Type: MANUAL
8	SR-01-C-01	LIDL	STIRLING
	PLAYERS ROAD		
	STIRLING		
	Edge of Town Centre		
	Built-Up Zone		
	Total Retail floor area:	1424 sqm	
	Survey date: SATURDAY	03/06/17	Survey Type: MANUAL
9	WM-01-C-01	LIDL	WEST MIDLANDS
	MACKADOWN LANE		
	BIRMINGHAM		
	KITT'S GREEN		
	Neighbourhood Centre (PPS6 Local Centre)		
	No Sub Category		
	Total Retail floor area:	1341 sqm	
	Survey date: SATURDAY	09/07/16	Survey Type: MANUAL
10	WM-01-C-02	LIDL	WEST MIDLANDS
	HIGH STREET		
	WEST BROMWICH		
	GUNS VILLAGE		
	Neighbourhood Centre (PPS6 Local Centre)		
	High Street		
	Total Retail floor area:	1341 sqm	
	Survey date: SATURDAY	09/07/16	Survey Type: MANUAL
11	WO-01-C-01	LIDL	WORCESTERSHIRE
	BLACKPOLE ROAD		
	WORCESTER		
	BRICKFIELDS		
	Edge of Town		
	Retail Zone		
	Total Retail floor area:	1424 sqm	
	Survey date: SATURDAY	16/07/16	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 SITES

Site Ref	Reason for Deselection
LN-01-C-03	NOT LIDL

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

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.386	2	1424	0.140	2	1424	0.526
07:00 - 08:00	11	1389	0.812	11	1389	0.183	11	1389	0.995
08:00 - 09:00	11	1389	4.078	11	1389	2.887	11	1389	6.965
09:00 - 10:00	11	1389	5.662	11	1389	5.021	11	1389	10.683
10:00 - 11:00	11	1389	8.196	11	1389	7.004	11	1389	15.200
11:00 - 12:00	11	1389	10.232	11	1389	9.413	11	1389	19.645
12:00 - 13:00	11	1389	9.531	11	1389	10.474	11	1389	20.005
13:00 - 14:00	11	1389	9.492	11	1389	9.060	11	1389	18.552
14:00 - 15:00	11	1389	8.739	11	1389	8.726	11	1389	17.465
15:00 - 16:00	11	1389	8.648	11	1389	9.086	11	1389	17.734
16:00 - 17:00	11	1389	8.098	11	1389	8.523	11	1389	16.621
17:00 - 18:00	11	1389	6.926	11	1389	6.932	11	1389	13.858
18:00 - 19:00	11	1389	4.628	11	1389	5.826	11	1389	10.454
19:00 - 20:00	11	1389	3.411	11	1389	4.235	11	1389	7.646
20:00 - 21:00	11	1389	1.957	11	1389	2.265	11	1389	4.222
21:00 - 22:00	11	1389	0.975	11	1389	1.466	11	1389	2.441
22:00 - 23:00	11	1389	0.065	11	1389	0.347	11	1389	0.412
23:00 - 24:00									
Total Rates:			91.836				91.588	183.424	

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:	1235 - 1425 (units: sqm)
Survey date range:	01/07/16 - 29/11/19
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	11
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

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

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

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.035	2	1424	0.000	2	1424	0.035
07:00 - 08:00	11	1389	0.033	11	1389	0.007	11	1389	0.040
08:00 - 09:00	11	1389	0.072	11	1389	0.052	11	1389	0.124
09:00 - 10:00	11	1389	0.079	11	1389	0.092	11	1389	0.171
10:00 - 11:00	11	1389	0.137	11	1389	0.072	11	1389	0.209
11:00 - 12:00	11	1389	0.144	11	1389	0.118	11	1389	0.262
12:00 - 13:00	11	1389	0.111	11	1389	0.092	11	1389	0.203
13:00 - 14:00	11	1389	0.157	11	1389	0.105	11	1389	0.262
14:00 - 15:00	11	1389	0.111	11	1389	0.144	11	1389	0.255
15:00 - 16:00	11	1389	0.098	11	1389	0.059	11	1389	0.157
16:00 - 17:00	11	1389	0.105	11	1389	0.151	11	1389	0.256
17:00 - 18:00	11	1389	0.111	11	1389	0.177	11	1389	0.288
18:00 - 19:00	11	1389	0.118	11	1389	0.124	11	1389	0.242
19:00 - 20:00	11	1389	0.124	11	1389	0.111	11	1389	0.235
20:00 - 21:00	11	1389	0.111	11	1389	0.111	11	1389	0.222
21:00 - 22:00	11	1389	0.039	11	1389	0.098	11	1389	0.137
22:00 - 23:00	11	1389	0.000	11	1389	0.013	11	1389	0.013
23:00 - 24:00									
Total Rates:			1.585				1.526	3.111	

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

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

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL PEDESTRIANS
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.562	2	1424	0.000	2	1424	0.562
07:00 - 08:00	11	1389	0.268	11	1389	0.092	11	1389	0.360
08:00 - 09:00	11	1389	0.871	11	1389	0.786	11	1389	1.657
09:00 - 10:00	11	1389	0.969	11	1389	1.093	11	1389	2.062
10:00 - 11:00	11	1389	1.781	11	1389	1.447	11	1389	3.228
11:00 - 12:00	11	1389	2.285	11	1389	2.389	11	1389	4.674
12:00 - 13:00	11	1389	3.123	11	1389	2.880	11	1389	6.003
13:00 - 14:00	11	1389	3.208	11	1389	2.913	11	1389	6.121
14:00 - 15:00	11	1389	3.234	11	1389	3.299	11	1389	6.533
15:00 - 16:00	11	1389	2.795	11	1389	3.378	11	1389	6.173
16:00 - 17:00	11	1389	3.116	11	1389	2.965	11	1389	6.081
17:00 - 18:00	11	1389	2.926	11	1389	2.710	11	1389	5.636
18:00 - 19:00	11	1389	2.704	11	1389	2.219	11	1389	4.923
19:00 - 20:00	11	1389	1.453	11	1389	1.853	11	1389	3.306
20:00 - 21:00	11	1389	1.447	11	1389	1.669	11	1389	3.116
21:00 - 22:00	11	1389	0.661	11	1389	0.877	11	1389	1.538
22:00 - 23:00	11	1389	0.072	11	1389	0.249	11	1389	0.321
23:00 - 24:00									
Total Rates:	31.475			30.819			62.294		

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

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

TRIP RATE for Land Use 01 - RETAIL/C - DISCOUNT FOOD STORES
MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	Trip Rate	No. Days	Ave. RFA	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	2	1424	0.105	2	1424	0.035	2	1424	0.140
07:00 - 08:00	11	1389	0.079	11	1389	0.052	11	1389	0.131
08:00 - 09:00	11	1389	0.255	11	1389	0.157	11	1389	0.412
09:00 - 10:00	11	1389	0.301	11	1389	0.288	11	1389	0.589
10:00 - 11:00	11	1389	0.301	11	1389	0.236	11	1389	0.537
11:00 - 12:00	11	1389	0.327	11	1389	0.242	11	1389	0.569
12:00 - 13:00	11	1389	0.301	11	1389	0.236	11	1389	0.537
13:00 - 14:00	11	1389	0.268	11	1389	0.203	11	1389	0.471
14:00 - 15:00	11	1389	0.347	11	1389	0.281	11	1389	0.628
15:00 - 16:00	11	1389	0.275	11	1389	0.295	11	1389	0.570
16:00 - 17:00	11	1389	0.223	11	1389	0.295	11	1389	0.518
17:00 - 18:00	11	1389	0.196	11	1389	0.281	11	1389	0.477
18:00 - 19:00	11	1389	0.236	11	1389	0.229	11	1389	0.465
19:00 - 20:00	11	1389	0.137	11	1389	0.255	11	1389	0.392
20:00 - 21:00	11	1389	0.085	11	1389	0.157	11	1389	0.242
21:00 - 22:00	11	1389	0.046	11	1389	0.072	11	1389	0.118
22:00 - 23:00	11	1389	0.007	11	1389	0.033	11	1389	0.040
23:00 - 24:00									
Total Rates:			3.489			3.347			6.836

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.



APPENDIX 2.3

Calculation Reference: AUDIT-726001-240626-0648

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : A - FOOD SUPERSTORE
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DC DORSET	1 days
	DV DEVON	1 days
08	NORTH WEST	
	LC LANCASHIRE	1 days
11	SCOTLAND	
	SL SOUTH LANARKSHIRE	1 days

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

SCP York Street Manchester

Licence No: 726001

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: 1487 to 2500 (units: sqm)
 Range Selected by User: 800 to 2500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/95 to 01/01/05

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
 Friday 4 days

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

Selected survey types:

Manual count 5 days
 Directional ATC Count 0 days

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

Selected Locations:

Town Centre 1
 Edge of Town Centre 1
 Suburban Area (PPS6 Out of Centre) 1
 Edge of Town 1
 Neighbourhood Centre (PPS6 Local Centre) 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
 Built-Up Zone 1
 Village 1
 High Street 1
 No Sub Category 1

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

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included X days - Selected
 Servicing vehicles Excluded 6 days - Selected

Secondary Filtering selection:

Use Class:

E(a) 5 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	2 days
5,001 to 10,000	1 days
10,001 to 15,000	1 days
20,001 to 25,000	1 days

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

Population within 5 miles:

5,001 to 25,000	2 days
25,001 to 50,000	2 days
75,001 to 100,000	1 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	3 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:

PFS is present at the site and is included in the count	1 days
PFS is present at the site but is excluded from the count	0 days
There is no PFS at the site	4 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:

Not Known	5 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	5 days
-----------------	--------

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

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LIST OF SITES relevant to selection parameters

1	DC-01-A-13	CO-OP PIONEER	DORSET
	SEA ROAD NORTH		
	BRIDPORT		
	ST ANDREWS WELL		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	1487 sqm	
	Survey date: FRIDAY	07/07/00	Survey Type: MANUAL
2	DV-01-A-17	LEO'S	DEVON
	PRINCE CHARLES ROAD		
	EXETER		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	2500 sqm	
	Survey date: FRIDAY	31/03/95	Survey Type: MANUAL
3	LC-01-A-16	TESCO	LANCASHIRE
	WATERLOO ROAD		
	CLITHEROE		
	Edge of Town Centre		
	Built-Up Zone		
	Total Gross floor area:	2230 sqm	
	Survey date: FRIDAY	17/03/00	Survey Type: MANUAL
4	SL-01-A-01	TESCO	SOUTH LANARKSHIRE
	CASTLEGATE		
	LANARK		
	Town Centre		
	High Street		
	Total Gross floor area:	1496 sqm	
	Survey date: FRIDAY	27/06/97	Survey Type: MANUAL
5	WS-01-A-11	SAINSBURY'S	WEST SUSSEX
	STANE STREET		
	NEAR PULBOROUGH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total Gross floor area:	2094 sqm	
	Survey date: THURSDAY	20/03/03	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.

SCP York Street Manchester

Licence No: 726001

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

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	1692	0.689	3	1692	0.276	3	1692	0.965
08:00 - 09:00	5	1961	4.170	5	1961	2.621	5	1961	6.791
09:00 - 10:00	5	1961	5.404	5	1961	3.926	5	1961	9.330
10:00 - 11:00	5	1961	7.230	5	1961	6.587	5	1961	13.817
11:00 - 12:00	5	1961	6.597	5	1961	6.750	5	1961	13.347
12:00 - 13:00	5	1961	6.057	5	1961	6.475	5	1961	12.532
13:00 - 14:00	5	1961	6.271	5	1961	5.741	5	1961	12.012
14:00 - 15:00	5	1961	6.567	5	1961	5.965	5	1961	12.532
15:00 - 16:00	5	1961	7.107	5	1961	7.586	5	1961	14.693
16:00 - 17:00	5	1961	7.444	5	1961	7.107	5	1961	14.551
17:00 - 18:00	5	1961	7.230	5	1961	8.341	5	1961	15.571
18:00 - 19:00	5	1961	6.791	5	1961	7.321	5	1961	14.112
19:00 - 20:00	5	1961	4.385	5	1961	4.996	5	1961	9.381
20:00 - 21:00	4	1928	2.723	4	1928	3.799	4	1928	6.522
21:00 - 22:00	2	1492	2.011	2	1492	2.581	2	1492	4.592
22:00 - 23:00	1	1487	0.000	1	1487	0.605	1	1487	0.605
23:00 - 24:00									
Total Rates:			80.676				80.677	161.353	

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:	1487 - 2500 (units: sqm)
Survey date range:	01/01/95 - 01/01/05
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
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 2.4

Calculation Reference: AUDIT-726001-240626-0659

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : A - FOOD SUPERSTORE
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	DV DEVON	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	1 days

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

SCP York Street Manchester

Licence No: 726001

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: 1825 to 2500 (units: sqm)
 Range Selected by User: 800 to 2500 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/95 to 01/01/05

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 2 days
 Sunday 2 days

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

Selected survey types:

Manual count 4 days
 Directional ATC Count 0 days

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

Selected Locations:

Edge of Town Centre 2
 Suburban Area (PPS6 Out of Centre) 1
 Neighbourhood Centre (PPS6 Local Centre) 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
 Built-Up Zone 2
 Village 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 X days - Selected
 Servicing vehicles Excluded 8 days - Selected

Secondary Filtering selection:

Use Class:

E(a) 4 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
10,001 to 15,000	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:

25,001 to 50,000	2 days
75,001 to 100,000	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	3 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:

PFS is present at the site and is included in the count	1 days
PFS is present at the site but is excluded from the count	0 days
There is no PFS at the site	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:

Not Known	3 days
No	1 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	4 days
-----------------	--------

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

LIST OF SITES relevant to selection parameters

1	DV-01-A-17	LEO'S	DEVON
	PRINCE CHARLES ROAD EXETER		
	Suburban Area (PPS6 Out of Centre) Residential Zone		
	Total Gross floor area:	2500 sqm	
	Survey date: SUNDAY	02/04/95	Survey Type: MANUAL
2	GM-01-A-25	MARKS AND SPENCER	GREATER MANCHESTER
	WASHWAY ROAD SALE		
	Edge of Town Centre Built-Up Zone		
	Total Gross floor area:	1825 sqm	
	Survey date: SATURDAY	22/05/04	Survey Type: MANUAL
3	LC-01-A-16	TESCO	LANCASHIRE
	WATERLOO ROAD CLITHEROE		
	Edge of Town Centre Built-Up Zone		
	Total Gross floor area:	2230 sqm	
	Survey date: SATURDAY	18/03/00	Survey Type: MANUAL
4	WS-01-A-11	SAINSBURY'S	WEST SUSSEX
	STANE STREET NEAR PULBOROUGH		
	Neighbourhood Centre (PPS6 Local Centre) Village		
	Total Gross floor area:	2094 sqm	
	Survey date: SUNDAY	23/03/03	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.

SCP York Street Manchester

Licence No: 726001

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

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	1825	0.438	1	1825	0.110	1	1825	0.548
07:00 - 08:00	1	1825	0.164	1	1825	0.055	1	1825	0.219
08:00 - 09:00	2	2028	4.217	2	2028	2.836	2	2028	7.053
09:00 - 10:00	2	2028	5.327	2	2028	4.661	2	2028	9.988
10:00 - 11:00	4	2162	6.243	4	2162	4.336	4	2162	10.579
11:00 - 12:00	4	2162	7.099	4	2162	6.983	4	2162	14.082
12:00 - 13:00	4	2162	7.030	4	2162	6.983	4	2162	14.013
13:00 - 14:00	4	2162	6.220	4	2162	6.637	4	2162	12.857
14:00 - 15:00	4	2162	5.943	4	2162	5.781	4	2162	11.724
15:00 - 16:00	4	2162	5.874	4	2162	6.012	4	2162	11.886
16:00 - 17:00	2	2028	6.412	2	2028	6.806	2	2028	13.218
17:00 - 18:00	2	2028	7.028	2	2028	7.152	2	2028	14.180
18:00 - 19:00	2	2028	5.598	2	2028	6.289	2	2028	11.887
19:00 - 20:00	2	2028	3.181	2	2028	4.168	2	2028	7.349
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			70.774			68.809			139.583

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:	1825 - 2500 (units: sqm)
Survey date range:	01/01/95 - 01/01/05
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	4
Number of Sundays:	2
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.



APPENDIX 2.5

Calculation Reference: AUDIT-726001-250121-0102

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : A - FOOD SUPERSTORE
TOTAL VEHICLES

Selected regions and areas:

04	EAST ANGLIA	
	CA	CAMBRIDGESHIRE
	SF	SUFFOLK
06	WEST MIDLANDS	
	WO	WORCESTERSHIRE
09	NORTH	
	CU	CUMBERLAND
	TW	TYNE & WEAR

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

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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: 1400 to 4780 (units: sqm)
 Range Selected by User: 800 to 5000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 25/05/24

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 1 days
 Wednesday 1 days
 Friday 3 days

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

Selected survey types:

Manual count 5 days
 Directional ATC Count 0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre) 1
 Edge of Town 2
 Neighbourhood Centre (PPS6 Local Centre) 2

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

Selected Location Sub Categories:

Development Zone 1
 Residential Zone 3
 Built-Up Zone 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 2 days - Selected

Secondary Filtering selection:Use Class:

E(a) 5 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

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Secondary Filtering selection (Cont.):Population within 1 mile:

5,001 to 10,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	2 days
50,001 to 100,000	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	3 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:

0.6 to 1.0	3 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:

PFS is present at the site and is included in the count	1 days
PFS is present at the site but is excluded from the count	0 days
There is no PFS at the site	4 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	5 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	5 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	CA-01-A-04	SAINSBURY'S	CAMBRIDGESHIRE
	EDDINGTON AVENUE		
	CAMBRIDGE		
	EDDINGTON		
	Edge of Town		
	Development Zone		
	Total Gross floor area:	3231 sqm	
	Survey date: WEDNESDAY	17/05/23	Survey Type: MANUAL
2	CU-01-A-04	SOMERFIELD	CUMBERLAND
	WIGTON ROAD		
	CARLISLE		
	NEWTOWN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	1700 sqm	
	Survey date: FRIDAY	05/02/10	Survey Type: MANUAL
3	SF-01-A-03	ASDA	SUFFOLK
	STOKE PARK DRIVE		
	IPSWICH		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	4250 sqm	
	Survey date: FRIDAY	25/09/20	Survey Type: MANUAL
4	TW-01-A-03	M&S FOOD HALL	TYNE & WEAR
	HOLLYWOOD AVENUE		
	NEWCASTLE UPON TYNE		
	GOSFORTH		
	Neighbourhood Centre (PPS6 Local Centre)		
	Built-Up Zone		
	Total Gross floor area:	1400 sqm	
	Survey date: TUESDAY	19/10/21	Survey Type: MANUAL
5	WO-01-A-02	WAITROSE	WORCESTERSHIRE
	LONDON ROAD		
	WORCESTER		
	RED HILL		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Gross floor area:	4780 sqm	
	Survey date: FRIDAY	27/09/19	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 SITES

Site Ref	Reason for Deselection
TW-01-A-02	too low

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TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

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	4250	0.424	1	4250	0.141	1	4250	0.565
07:00 - 08:00	5	3072	1.198	5	3072	0.690	5	3072	1.888
08:00 - 09:00	5	3072	2.695	5	3072	2.233	5	3072	4.928
09:00 - 10:00	5	3072	3.281	5	3072	2.643	5	3072	5.924
10:00 - 11:00	5	3072	3.919	5	3072	3.294	5	3072	7.213
11:00 - 12:00	5	3072	3.991	5	3072	3.841	5	3072	7.832
12:00 - 13:00	5	3072	4.772	5	3072	4.524	5	3072	9.296
13:00 - 14:00	5	3072	4.368	5	3072	4.629	5	3072	8.997
14:00 - 15:00	5	3072	4.212	5	3072	4.557	5	3072	8.769
15:00 - 16:00	5	3072	4.485	5	3072	4.524	5	3072	9.009
16:00 - 17:00	5	3072	4.596	5	3072	4.642	5	3072	9.238
17:00 - 18:00	5	3072	4.772	5	3072	4.674	5	3072	9.446
18:00 - 19:00	5	3072	4.199	5	3072	4.687	5	3072	8.886
19:00 - 20:00	5	3072	2.643	5	3072	3.561	5	3072	6.204
20:00 - 21:00	5	3072	1.055	5	3072	1.517	5	3072	2.572
21:00 - 22:00	4	3490	0.387	4	3490	0.702	4	3490	1.089
22:00 - 23:00	2	3741	0.027	2	3741	0.254	2	3741	0.281
23:00 - 24:00									
Total Rates:			51.024				51.113	102.137	

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:	1400 - 4780 (units: sqm)
Survey date range:	01/01/10 - 25/05/24
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

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

SCP York Street Manchester

Licence No: 726001

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

TAXIS**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	4250	0.000	1	4250	0.000	1	4250	0.000
07:00 - 08:00	5	3072	0.007	5	3072	0.007	5	3072	0.014
08:00 - 09:00	5	3072	0.013	5	3072	0.013	5	3072	0.026
09:00 - 10:00	5	3072	0.013	5	3072	0.013	5	3072	0.026
10:00 - 11:00	5	3072	0.020	5	3072	0.020	5	3072	0.040
11:00 - 12:00	5	3072	0.046	5	3072	0.046	5	3072	0.092
12:00 - 13:00	5	3072	0.033	5	3072	0.026	5	3072	0.059
13:00 - 14:00	5	3072	0.039	5	3072	0.046	5	3072	0.085
14:00 - 15:00	5	3072	0.039	5	3072	0.039	5	3072	0.078
15:00 - 16:00	5	3072	0.020	5	3072	0.013	5	3072	0.033
16:00 - 17:00	5	3072	0.020	5	3072	0.026	5	3072	0.046
17:00 - 18:00	5	3072	0.039	5	3072	0.039	5	3072	0.078
18:00 - 19:00	5	3072	0.039	5	3072	0.039	5	3072	0.078
19:00 - 20:00	5	3072	0.026	5	3072	0.026	5	3072	0.052
20:00 - 21:00	5	3072	0.000	5	3072	0.000	5	3072	0.000
21:00 - 22:00	4	3490	0.007	4	3490	0.007	4	3490	0.014
22:00 - 23:00	2	3741	0.000	2	3741	0.000	2	3741	0.000
23:00 - 24:00									
Total Rates:			0.361	0.360			0.721		

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.

SCP York Street Manchester

Licence No: 726001

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

OGVS**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	4250	0.000	1	4250	0.000	1	4250	0.000
07:00 - 08:00	5	3072	0.020	5	3072	0.020	5	3072	0.040
08:00 - 09:00	5	3072	0.039	5	3072	0.065	5	3072	0.104
09:00 - 10:00	5	3072	0.020	5	3072	0.007	5	3072	0.027
10:00 - 11:00	5	3072	0.026	5	3072	0.033	5	3072	0.059
11:00 - 12:00	5	3072	0.000	5	3072	0.013	5	3072	0.013
12:00 - 13:00	5	3072	0.007	5	3072	0.007	5	3072	0.014
13:00 - 14:00	5	3072	0.000	5	3072	0.000	5	3072	0.000
14:00 - 15:00	5	3072	0.000	5	3072	0.000	5	3072	0.000
15:00 - 16:00	5	3072	0.026	5	3072	0.013	5	3072	0.039
16:00 - 17:00	5	3072	0.000	5	3072	0.013	5	3072	0.013
17:00 - 18:00	5	3072	0.000	5	3072	0.000	5	3072	0.000
18:00 - 19:00	5	3072	0.000	5	3072	0.000	5	3072	0.000
19:00 - 20:00	5	3072	0.000	5	3072	0.000	5	3072	0.000
20:00 - 21:00	5	3072	0.020	5	3072	0.013	5	3072	0.033
21:00 - 22:00	4	3490	0.000	4	3490	0.007	4	3490	0.007
22:00 - 23:00	2	3741	0.000	2	3741	0.000	2	3741	0.000
23:00 - 24:00									
Total Rates:			0.158			0.191			0.349

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.

SCP York Street Manchester

Licence No: 726001

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

CYCLISTS**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	4250	0.000	1	4250	0.000	1	4250	0.000
07:00 - 08:00	5	3072	0.033	5	3072	0.020	5	3072	0.053
08:00 - 09:00	5	3072	0.098	5	3072	0.072	5	3072	0.170
09:00 - 10:00	5	3072	0.137	5	3072	0.130	5	3072	0.267
10:00 - 11:00	5	3072	0.091	5	3072	0.078	5	3072	0.169
11:00 - 12:00	5	3072	0.150	5	3072	0.117	5	3072	0.267
12:00 - 13:00	5	3072	0.143	5	3072	0.143	5	3072	0.286
13:00 - 14:00	5	3072	0.130	5	3072	0.117	5	3072	0.247
14:00 - 15:00	5	3072	0.065	5	3072	0.078	5	3072	0.143
15:00 - 16:00	5	3072	0.150	5	3072	0.176	5	3072	0.326
16:00 - 17:00	5	3072	0.072	5	3072	0.059	5	3072	0.131
17:00 - 18:00	5	3072	0.117	5	3072	0.130	5	3072	0.247
18:00 - 19:00	5	3072	0.111	5	3072	0.104	5	3072	0.215
19:00 - 20:00	5	3072	0.098	5	3072	0.111	5	3072	0.209
20:00 - 21:00	5	3072	0.065	5	3072	0.091	5	3072	0.156
21:00 - 22:00	4	3490	0.064	4	3490	0.107	4	3490	0.171
22:00 - 23:00	2	3741	0.000	2	3741	0.013	2	3741	0.013
23:00 - 24:00									
Total Rates:			1.524				1.546	3.070	

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.



APPENDIX 2.6

Calculation Reference: AUDIT-726001-250123-0104

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 01 - RETAIL
Category : A - FOOD SUPERSTORE
TOTAL VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	HD HILLINGDON	1 days
02	SOUTH EAST	
	BH BRIGHTON & HOVE	1 days
03	SOUTH WEST	
	GS GLOUCESTERSHIRE	1 days
	SM SOMERSET	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
09	NORTH	
	IM ISLE OF MAN	1 days
11	SCOTLAND	
	AS ABERDEENSHIRE	1 days
	HI HIGHLAND	1 days

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

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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: 850 to 4644 (units: sqm)
Range Selected by User: 800 to 5000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 25/05/24

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 10 days

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

Selected survey types:

Manual count 10 days
Directional ATC Count 0 days

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

Selected Locations:

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

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

Selected Location Sub Categories:

Commercial Zone 1
Development Zone 1
Residential Zone 4
Retail Zone 2
Built-Up Zone 1
Out of Town 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 5 days - Selected
Servicing vehicles Excluded 5 days - Selected

Secondary Filtering selection:Use Class:

E(a) 10 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

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Secondary Filtering selection (Cont.):Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	2 days
10,001 to 15,000	1 days
15,001 to 20,000	2 days
20,001 to 25,000	2 days
25,001 to 50,000	1 days
50,001 to 100,000	1 days

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

Population within 5 miles:

5,001 to 25,000	4 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
125,001 to 250,000	1 days
250,001 to 500,000	1 days
500,001 or More	2 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	3 days
1.1 to 1.5	7 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:

PFS is present at the site and is included in the count	1 days
PFS is present at the site but is excluded from the count	1 days
There is no PFS at the site	8 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:

Not Known	1 days
Yes	3 days
No	6 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	9 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	AS-01-A-02	CO-OP	ABERDEENSHIRE
	DAVID STREET		
	STONEHAVEN		
	Edge of Town Centre		
	Residential Zone		
	Total Gross floor area:	1515 sqm	
	Survey date: SATURDAY	23/04/22	Survey Type: MANUAL
2	BH-01-A-08	WAITROSE	BRIGHTON & HOVE
	NEVILL ROAD		
	BRIGHTON		
	WEST BLATCHINGTON		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	4644 sqm	
	Survey date: SATURDAY	23/09/17	Survey Type: MANUAL
3	GM-01-A-26	ASDA	GREATER MANCHESTER
	HOLLYHEDGE ROAD		
	MANCHESTER		
	WYTHENSHAW		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Gross floor area:	850 sqm	
	Survey date: SATURDAY	01/05/21	Survey Type: MANUAL
4	GS-01-A-04	SAINSBURY'S	GLOUCESTERSHIRE
	PRIORS ROAD		
	CHELTENHAM		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	4250 sqm	
	Survey date: SATURDAY	24/04/10	Survey Type: MANUAL
5	HD-01-A-01	ORIENTAL SUPERMARKET	HILLINGDON
	UXBRIDGE ROAD		
	HAYES		
	Neighbourhood Centre (PPS6 Local Centre)		
	Development Zone		
	Total Gross floor area:	4200 sqm	
	Survey date: SATURDAY	29/11/14	Survey Type: MANUAL
6	HI-01-A-01	CO-OPERATIVE	HIGHLAND
	74 TELFORD STREET		
	INVERNESS		
	MERKINCH		
	Suburban Area (PPS6 Out of Centre)		
	Retail Zone		
	Total Gross floor area:	3480 sqm	
	Survey date: SATURDAY	14/05/11	Survey Type: MANUAL
7	IM-01-A-01	TESCO	ISLE OF MAN
	LAKE ROAD		
	DOUGLAS		
	Edge of Town Centre		
	Built-Up Zone		
	Total Gross floor area:	3344 sqm	
	Survey date: SATURDAY	25/05/24	Survey Type: MANUAL

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LIST OF SITES relevant to selection parameters (Cont.)

8	LN-01-A-08	MORRISONS	LINCOLNSHIRE
	EASTGATE		
	LOUTH		
	Edge of Town Centre		
	Retail Zone		
	Total Gross floor area:	2460 sqm	
	Survey date: SATURDAY	20/04/24	Survey Type: MANUAL
9	NY-01-A-06	ASDA	NORTH YORKSHIRE
	PHEASANT FIELDS LANE		
	SKELTON IN CLEVELAND		
	Edge of Town		
	Out of Town		
	Total Gross floor area:	4625 sqm	
	Survey date: SATURDAY	17/09/16	Survey Type: MANUAL
10	SM-01-A-02	MORRISONS	SOMERSET
	VULCAN ROAD		
	MINEHEAD		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	4575 sqm	
	Survey date: SATURDAY	14/07/12	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.

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TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

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	4	2363	0.635	4	2363	0.233	4	2363	0.868
07:00 - 08:00	10	3394	1.314	10	3394	0.766	10	3394	2.080
08:00 - 09:00	10	3394	2.923	10	3394	2.230	10	3394	5.153
09:00 - 10:00	10	3394	4.175	10	3394	3.588	10	3394	7.763
10:00 - 11:00	10	3394	5.132	10	3394	4.396	10	3394	9.528
11:00 - 12:00	10	3394	5.662	10	3394	5.497	10	3394	11.159
12:00 - 13:00	10	3394	5.960	10	3394	5.975	10	3394	11.935
13:00 - 14:00	10	3394	5.306	10	3394	5.527	10	3394	10.833
14:00 - 15:00	10	3394	5.232	10	3394	5.297	10	3394	10.529
15:00 - 16:00	10	3394	5.223	10	3394	5.309	10	3394	10.532
16:00 - 17:00	10	3394	5.221	10	3394	5.341	10	3394	10.562
17:00 - 18:00	10	3394	4.481	10	3394	5.117	10	3394	9.598
18:00 - 19:00	10	3394	3.789	10	3394	4.260	10	3394	8.049
19:00 - 20:00	10	3394	2.431	10	3394	2.973	10	3394	5.404
20:00 - 21:00	10	3394	1.582	10	3394	1.941	10	3394	3.523
21:00 - 22:00	9	3305	1.059	9	3305	1.402	9	3305	2.461
22:00 - 23:00	5	2559	0.813	5	2559	1.102	5	2559	1.915
23:00 - 24:00	2	3985	0.577	2	3985	0.753	2	3985	1.330
Total Rates:			61.515			61.707			123.222

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:	850 - 4644 (units: sqm)
Survey date range:	01/01/10 - 25/05/24
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	10
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

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TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

TAXIS**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	4	2363	0.000	4	2363	0.000	4	2363	0.000
07:00 - 08:00	10	3394	0.003	10	3394	0.003	10	3394	0.006
08:00 - 09:00	10	3394	0.018	10	3394	0.015	10	3394	0.033
09:00 - 10:00	10	3394	0.021	10	3394	0.021	10	3394	0.042
10:00 - 11:00	10	3394	0.029	10	3394	0.032	10	3394	0.061
11:00 - 12:00	10	3394	0.044	10	3394	0.029	10	3394	0.073
12:00 - 13:00	10	3394	0.068	10	3394	0.062	10	3394	0.130
13:00 - 14:00	10	3394	0.044	10	3394	0.053	10	3394	0.097
14:00 - 15:00	10	3394	0.068	10	3394	0.077	10	3394	0.145
15:00 - 16:00	10	3394	0.038	10	3394	0.032	10	3394	0.070
16:00 - 17:00	10	3394	0.027	10	3394	0.032	10	3394	0.059
17:00 - 18:00	10	3394	0.038	10	3394	0.041	10	3394	0.079
18:00 - 19:00	10	3394	0.035	10	3394	0.029	10	3394	0.064
19:00 - 20:00	10	3394	0.035	10	3394	0.032	10	3394	0.067
20:00 - 21:00	10	3394	0.006	10	3394	0.006	10	3394	0.012
21:00 - 22:00	9	3305	0.007	9	3305	0.017	9	3305	0.024
22:00 - 23:00	5	2559	0.008	5	2559	0.000	5	2559	0.008
23:00 - 24:00	2	3985	0.000	2	3985	0.013	2	3985	0.013
Total Rates:			0.489			0.494			0.983

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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TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

OGVS**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	4	2363	0.021	4	2363	0.011	4	2363	0.032
07:00 - 08:00	10	3394	0.035	10	3394	0.018	10	3394	0.053
08:00 - 09:00	10	3394	0.009	10	3394	0.024	10	3394	0.033
09:00 - 10:00	10	3394	0.024	10	3394	0.018	10	3394	0.042
10:00 - 11:00	10	3394	0.024	10	3394	0.018	10	3394	0.042
11:00 - 12:00	10	3394	0.018	10	3394	0.024	10	3394	0.042
12:00 - 13:00	10	3394	0.015	10	3394	0.021	10	3394	0.036
13:00 - 14:00	10	3394	0.018	10	3394	0.009	10	3394	0.027
14:00 - 15:00	10	3394	0.015	10	3394	0.018	10	3394	0.033
15:00 - 16:00	10	3394	0.006	10	3394	0.009	10	3394	0.015
16:00 - 17:00	10	3394	0.006	10	3394	0.015	10	3394	0.021
17:00 - 18:00	10	3394	0.012	10	3394	0.012	10	3394	0.024
18:00 - 19:00	10	3394	0.003	10	3394	0.006	10	3394	0.009
19:00 - 20:00	10	3394	0.006	10	3394	0.000	10	3394	0.006
20:00 - 21:00	10	3394	0.000	10	3394	0.003	10	3394	0.003
21:00 - 22:00	9	3305	0.007	9	3305	0.003	9	3305	0.010
22:00 - 23:00	5	2559	0.000	5	2559	0.008	5	2559	0.008
23:00 - 24:00	2	3985	0.013	2	3985	0.013	2	3985	0.026
Total Rates:			0.232			0.230			0.462

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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TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

PSVS**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	4	2363	0.000	4	2363	0.000	4	2363	0.000
07:00 - 08:00	10	3394	0.003	10	3394	0.000	10	3394	0.003
08:00 - 09:00	10	3394	0.018	10	3394	0.009	10	3394	0.027
09:00 - 10:00	10	3394	0.018	10	3394	0.015	10	3394	0.033
10:00 - 11:00	10	3394	0.018	10	3394	0.018	10	3394	0.036
11:00 - 12:00	10	3394	0.021	10	3394	0.015	10	3394	0.036
12:00 - 13:00	10	3394	0.018	10	3394	0.018	10	3394	0.036
13:00 - 14:00	10	3394	0.021	10	3394	0.018	10	3394	0.039
14:00 - 15:00	10	3394	0.015	10	3394	0.024	10	3394	0.039
15:00 - 16:00	10	3394	0.012	10	3394	0.018	10	3394	0.030
16:00 - 17:00	10	3394	0.021	10	3394	0.018	10	3394	0.039
17:00 - 18:00	10	3394	0.009	10	3394	0.015	10	3394	0.024
18:00 - 19:00	10	3394	0.003	10	3394	0.009	10	3394	0.012
19:00 - 20:00	10	3394	0.000	10	3394	0.000	10	3394	0.000
20:00 - 21:00	10	3394	0.000	10	3394	0.000	10	3394	0.000
21:00 - 22:00	9	3305	0.000	9	3305	0.000	9	3305	0.000
22:00 - 23:00	5	2559	0.000	5	2559	0.000	5	2559	0.000
23:00 - 24:00	2	3985	0.000	2	3985	0.000	2	3985	0.000
Total Rates:			0.177			0.177			0.354

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.

SCP York Street Manchester

Licence No: 726001

TRIP RATE for Land Use 01 - RETAIL/A - FOOD SUPERSTORE

CYCLISTS**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	4	2363	0.000	4	2363	0.000	4	2363	0.000
07:00 - 08:00	10	3394	0.041	10	3394	0.027	10	3394	0.068
08:00 - 09:00	10	3394	0.047	10	3394	0.038	10	3394	0.085
09:00 - 10:00	10	3394	0.068	10	3394	0.059	10	3394	0.127
10:00 - 11:00	10	3394	0.074	10	3394	0.050	10	3394	0.124
11:00 - 12:00	10	3394	0.047	10	3394	0.065	10	3394	0.112
12:00 - 13:00	10	3394	0.038	10	3394	0.056	10	3394	0.094
13:00 - 14:00	10	3394	0.088	10	3394	0.077	10	3394	0.165
14:00 - 15:00	10	3394	0.065	10	3394	0.056	10	3394	0.121
15:00 - 16:00	10	3394	0.056	10	3394	0.080	10	3394	0.136
16:00 - 17:00	10	3394	0.112	10	3394	0.082	10	3394	0.194
17:00 - 18:00	10	3394	0.115	10	3394	0.153	10	3394	0.268
18:00 - 19:00	10	3394	0.065	10	3394	0.074	10	3394	0.139
19:00 - 20:00	10	3394	0.071	10	3394	0.059	10	3394	0.130
20:00 - 21:00	10	3394	0.038	10	3394	0.047	10	3394	0.085
21:00 - 22:00	9	3305	0.017	9	3305	0.024	9	3305	0.041
22:00 - 23:00	5	2559	0.008	5	2559	0.016	5	2559	0.024
23:00 - 24:00	2	3985	0.000	2	3985	0.000	2	3985	0.000
Total Rates:			0.950			0.963			1.913

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.