



UNIVERSAL DESTINATIONS & EXPERIENCES UK PROJECT

Former Kempston Hardwick Brickworks
and adjoining land, Bedford

Appendix 5.1 Transport Assessment Annex 5 – Trip Forecasting Note – Lake Zone and West Gateway Zone

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Universal Destinations & Experiences UK Project

Transport Assessment - Annex 5 - Trip Forecasting – Lake Zone and West Gateway Zone

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Introduction

1. This Note sets out the approach and derivation of trip forecast for the Lake Zone and West Gateway Zone. The starting point for these calculations is the description of the Proposed Development, especially in relation to the Lake Zone and the West Gateway Zone as set out in Section 4 of the Transport Assessment (**Appendix 5.1: Transport Assessment (Volume 3)** of the ES).
2. The outcome of this work has fed into the micro-simulation model used for the purpose of assessing the traffic implications of the Proposed Development and its main output is a series of matrices representing the vehicular trip contribution of the Lake Zone and West Gateway Zone to the overall trip forecast for the Proposed Development.
3. The Lake Zone and West Gateway Zone trip forecast exercise also allowed the derivation of non-car trips, for reference, with the number of these trips being so low as not to make a significant difference. This is particularly the case with regards to the rail trips assessed by local rail operators in their work in support of the Proposed Development.

Approach to Trip Forecasting

4. The trip forecasting for the Lake Zone and West Gateway Zone takes into account the way land uses on these two zones would interact with the Theme Park located within the Core Zone. This is done in the following manner within the forecast used for the purpose of assessment:
 - a. The Lake Zone and West Gateway Zone includes a number of hotel bedrooms / accommodation targeted to visitors to the Theme Park, either exclusively (the Universal Destinations & Experiences (UDX) hotels) or forming available accommodation located in close proximity to the Theme Park and therefore with a proportion of the accommodation used by visitors to the Theme Park (Business, Flagship, Budget hotels). The trip forecast associated with visitors using these hotel bedrooms and accommodation is captured in the trip forecast model related to the Theme Park, its visitors and Team Members (TMs) (see Annex 4 in **Appendix 5.1: Transport Assessment (Volume 3)** of the ES).

- b. Hotels and accommodation on the Lake Zone and the West Gateway Zone will create a number of jobs, additional to the jobs created by the Theme Park. The trip forecast associated with staff working at the hotels/accommodation on the Lake Zone and the West Gateway Zone is presented in this note.
 - c. The Lake Zone and West Gateway Zone could also accommodate Entertainment Resort Complex (ERC) Support facilities. Trips related to these support facilities are captured as part of the Theme Park Staff trip forecast as set out in Annex 4 of **Appendix 5.1: Transport Assessment (Volume 3)** of the ES, with servicing trips captured in Annex 12b – Development Assumptions Note in Annex 12 of the same Transport Assessment. As such trips associated with the ERC Support facilities are not detailed in this document.
 - d. Some other elements of the Proposed Development on the Lake Zone and West Gateway Zone, although not directly related to the Theme Park will benefit from being located in close proximity to the Theme Park and it is expected will draw trade from visitors ‘passing by’. This applies to the Restaurants and Highway Service Area on the West Gateway Zone and the assessment assumes a level of pass-by trips associated with these land uses.
 - e. Finally, some other land uses, while benefiting from collocation with the Theme Park in terms of attractiveness, will generate their own trips with no or only limited cross over with the Theme Park. This is the case of the Convention Centre and the hotel bedrooms at the Flagship, Business and Budget hotels not occupied by visitors to the Theme Park. For robustness, no cross over between these uses and the Theme Park is assumed in the assessment. This is a robust approach as it is possible that delegates to a convention may use their hotel room on-Site for example for an additional night, say, and combine with a trip to the Theme Park before/after the Convention Centre event they came to the Proposed Development to attend, saving an arrival and departure trip. This type of overlap is not captured in the assessment.
5. For clarity, this Trip Forecasting Note refers to ‘hotel’ to encompass all accommodation types to be available to visitors.

Lake Zone – Trip Generation and Distribution

Convention Centre - Delegates

- 6. The Transport Assessment considers the provision on the Site of a Convention Centre of 55,000sqm GIA. The size of the convention centre will allow for a variety of events to be held of varying sizes across the year. It is likely that day to day attendance at the Convention Centre will be modest, with the exception of a small number of large events organised across the year. However, to present a representative assessment of the transport implications of the Convention Centre, data from the Events Industry Alliance (EIA) has been sought in order to understand the number of visitors that a typical exhibition in the UK attracts. The data from the EIA¹ indicates that the typical exhibition in the UK attracts an attendance of 3,000 delegates. For the purpose of assessment, a 3,000 delegate per day figure has been used.

¹ Events Industry Alliance (March 2024) *The Size and Scale Index for Exhibitions (SASIE) 2023* - [SASIE](#)

7. The assessment of trip generation for the Convention Centre considers two types of delegates at an event at the Convention Centre: a delegate that accesses directly the event (who would have travelled from home for example) and a delegate that makes use of the adjacent Flagship and Business hotels for an overnight stay. The following split has been applied to the typical number of delegates of 3,000 delegates (per day) for the purpose of forecasting:
 - a. Daily direct delegates – 65% - 1,950 delegates; and
 - b. Daily hotel delegates – 35% - 1,050 delegates.
8. Basic data related to the trip patterns at large Convention Centres has been extracted from the Transport Assessment (Vectos, April 2020) supporting the Sage, a large arena and convention centre project in Gateshead. This includes a mode split for delegates, whether direct or hotel delegates, of 75% car mode share. Given the nature of the Convention Centre use, it has been assumed that no delegate will access by active modes and therefore the mode share for public transport is assumed at 25%, split 50/50 between rail and buses. **Table 1** sets out the person trips for direct and hotel delegates by mode.

Table 1 – Convention Centre Delegates – Person Trips per Mode

Mode	Direct Delegates	Hotel Delegates
Car (driver and passengers)	1,463 delegates	788 delegates
Bus	244 delegates	131 delegates
Rail	244 delegates	131 delegates
Total	1,950 delegates	1,050 delegates

9. In order to derive a total number of car trips to/from the Convention Centre, a car occupancy of 1.6 people per car has been applied (National Travel Survey (NTS) 0906). As a result, the Convention Centre would generate 914 car tips inbound and 914 car trips outbound, for delegates accessing the Convention Centre directly. The arrival/departure profiles applied to the delegates accessing the proposed Convention Centre directly have been extracted from observed data set out in the Sage project. This is set out in **Table 2** with the resulting car trips associated with the 'Direct' delegates.

Table 2 – Car Arrivals/Departures – Direct Delegates – Convention Centre

Hour Commencing	Direct Delegates		Car Trips	
	Arrivals	Departures	Arrivals	Departures
00:00	0%	0%	-	-
01:00	0%	0%	-	-
02:00	0%	0%	-	-
03:00	0%	0%	-	-
04:00	0%	0%	-	-
05:00	0%	0%	-	-
06:00	0%	0%	-	-
07:00	2%	0%	18	-
08:00	9%	2%	82	18
09:00	25%	2%	229	18
10:00	25%	2%	229	18
11:00	14%	5%	128	46
12:00	9%	11%	82	101
13:00	7%	17%	64	155
14:00	5%	24%	46	219
15:00	2%	9%	18	82
16:00	1%	12%	9	110
17:00	1%	13%	9	119
18:00	0%	3%	-	27
19:00	0%	0%	-	-
20:00	0%	0%	-	-
21:00	0%	0%	-	-
22:00	0%	0%	-	-
23:00	0%	0%	-	-
Total	100%	100%	914	914

10. Arrivals and departures across the day for delegates using the hotels on-Site have also been extracted from observed data set out in the Sage project. This is set out in **Table 3** with the resulting car trips associated with the 'hotel' delegates. The same car occupancy of 1.6 has been applied.

Table 3 – Car Arrivals/Departures – Hotel Delegates – Convention Centre

Hour Commencing	Hotel Delegates		Car Trips	
	Arrivals	Departures	Arrivals	Departures
00:00	0%	0%	-	-
01:00	0%	0%	-	-
02:00	0%	0%	-	-
03:00	0%	0%	-	-
04:00	0%	0%	-	-
05:00	0%	0%	-	-
06:00	0%	0%	-	-
07:00	2%	4%	10	20
08:00	6%	9%	30	44
09:00	7%	12%	34	59
10:00	7%	11%	34	54
11:00	4%	6%	20	30
12:00	7%	6%	34	30
13:00	5%	7%	25	34
14:00	7%	7%	34	34
15:00	9%	6%	44	30
16:00	9%	7%	44	34
17:00	8%	5%	39	25
18:00	8%	7%	39	34
19:00	10%	6%	49	30
20:00	6%	6%	30	30
21:00	5%	1%	25	5
22:00	0%	0%	-	-
23:00	0%	0%	-	-
Total	100%	100%	492	492

11. Car trips by 'direct' and 'hotel' delegates have been distributed within the micro-simulation model based on the distribution of observed trips on the modelled network using the Baseline data collected for the purpose of building the micro-simulation model. The basis for this distribution of trips is the number of trips entering and exiting the model at each of the 80 modelled area entry/exit points. As such, this distribution is considered appropriate as it reflects both the local and national draw of the Convention Centre, considering the local traffic patterns and the more strategic trips observed through the modelled area.
12. The arrival/departure profiles and baseline distribution assumptions have been combined to derive matrices to feed into the micro-simulation model capturing the trip forecast associated with the Convention Centre (and the hotel use by delegates).

Convention Centre - Staff

13. Based on the Sage Transport Assessment, it has been estimated that the Convention Centre would employ 50 permanent members of staff and that an additional 150 staff would be present on the day of an 3,000 delegate event. In order to derive trip making for these 200 staff, the following key assumptions have been made:

- Car mode share 60% (with 2% active travel and 38% public transport mode shares (19% Bus / 19% Rail)) – this is in line with the assumptions made in relation to TMs)
- Car occupancy of 1.2 (in line with assumptions made for TMs)
- Arrivals and Departures based on shift working overlapping the length of an event (set up/take down).

Table 4 – Car Arrivals/Departures – Staff – Convention Centre

Hour Commencing	CC Staff		Car Trips	
	Arrivals	Departures	Arrivals	Departures
00:00			0	0
01:00			0	0
02:00			0	0
03:00			0	0
04:00			0	0
05:00	15%		15	0
06:00	30%		30	0
07:00	30%		30	0
08:00	15%		15	0
09:00	10%		10	0
10:00			0	0
11:00			0	0
12:00			0	0
13:00			0	0
14:00			0	0
15:00			0	0
16:00			0	0
17:00		15%	0	15
18:00		30%	0	30
19:00		30%	0	30
20:00		15%	0	15
21:00		10%	0	10
22:00			0	0
23:00			0	0
Total	100%	100%	100	100

14. Car trips by staff at the Convention Centre have been distributed in the same way as TM trips within the micro-simulation model, for consistency in assumptions across all staff at the Proposed Development.

Flagship/Business Hotels – Guests

15. As set out above, for the purpose of assessment, it has been assumed that guests at the Flagship/Business hotels will be:
 - a. Visitors to the Theme Park using the hotel bedrooms on offer – Trip making by these visitors to the Theme Park is captured in the Theme Park visitor specific spreadsheet model as set out in the Trip Forecast Report in Annex 4 of **Appendix 5.1: Transport Assessment (Volume 3)** of the ES; and
 - b. Delegates to an event at the Convention Centre – Trip making by delegates at the hotels is captured above.

Flagship/Business Hotels – Staff

16. The number of staff at the Flagship and Business hotels has been estimated at 830 staff for 2,000 hotel bedrooms provided based on the 2015 HCA Employment Density Guide. Staff has been assumed to work shifts (broadly assumed to be 40% morning (07:00-16:00), 40% afternoon (14:00-23:00) and 20% night (23:00-07:00). The same assumptions have been set in terms of mode split and car occupancy as for TMs.
17. Arrival/departure profiles have been set based on the shift pattern. The shift times set out above are indicative and each hotel/team within the hotels are likely to operate slightly different shifts, therefore spreading arrivals and departures, around the broad assumed morning, afternoon, night shifts. **Table 5** sets out the resulting car trip forecast for staff at the Flagship/Business hotels in the Lake Zone.

Table 5 – Car Arrivals/Departures – Staff – Flagship/Business Hotel

Hour Commencing	Morning shift		Afternoon shift		Night shift	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
00:00	0	0	0	25	12	0
01:00	0	0	0	17	8	0
02:00	0	0	0	0	0	0
03:00	0	0	0	0	0	0
04:00	0	0	0	0	0	0
05:00	25	0	0	0	0	12
06:00	50	0	0	0	0	25
07:00	50	0	0	0	0	25
08:00	25	0	0	0	0	12
09:00	17	0	0	0	0	8
10:00	0	0	0	0	0	0
11:00	0	0	0	0	0	0
12:00	0	0	25	0	0	0
13:00	0	0	50	0	0	0
14:00	0	25	50	0	0	0
15:00	0	50	25	0	0	0
16:00	0	50	17	0	0	0
17:00	0	25	0	0	0	0
18:00	0	17	0	0	0	0
19:00	0	0	0	0	0	0
20:00	0	0	0	0	0	0
21:00	0	0	0	25	12	0
22:00	0	0	0	50	25	0
23:00	0	0	0	50	25	0
Total	166	166	166	166	83	83

18. Car trips by staff at the Flagship/Business hotels have been distributed in the same way as TM trips within the micro-simulation model, for consistency in assumptions across all staff at the Proposed Development.

UDX Hotels and Accommodation – Visitors

19. The trip forecast associated with guests at the UDX hotels and accommodation is captured in the Trip Forecast spreadsheet model related to visitors to the Theme Park and the use of these UDX hotels/accommodation is exclusively for the use of visitors to the Theme Park (see Annex 4 in **Appendix 5.1: Transport Assessment (Volume 3)** of the ES).

UDX Hotels and Accommodation - Staff

20. Trip making by staff at the UDX hotels and accommodation has been captured here. Overall, the UDX hotels and accommodation would represent 3,370 bedrooms. Based on this number and applying the 2015 HCA Employment Densities Guide, a total number of 894 staff employed at the UDX hotels and accommodation has been assumed for the purpose of this assessment.
21. Trip making by this 'hotel' staff has been derived using the same shift working, mode split and car occupancy as for the Flagship/Business hotels staff for consistency across the assessment.
22. **Table 6** sets out the resultant vehicular trip forecast considered in the assessment.

Table 6 – Car Arrivals/Departures – Staff – UDX Hotels and Accommodation

Hour Commencing	Morning shift		Afternoon shift		Night shift	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
00:00	0	0	0	27	13	0
01:00	0	0	0	18	9	0
02:00	0	0	0	0	0	0
03:00	0	0	0	0	0	0
04:00	0	0	0	0	0	0
05:00	27	0	0	0	0	13
06:00	54	0	0	0	0	27
07:00	54	0	0	0	0	27
08:00	27	0	0	0	0	13
09:00	18	0	0	0	0	9
10:00	0	0	0	0	0	0
11:00	0	0	0	0	0	0
12:00	0	0	27	0	0	0
13:00	0	0	54	0	0	0
14:00	0	27	54	0	0	0
15:00	0	54	27	0	0	0
16:00	0	54	18	0	0	0
17:00	0	27	0	0	0	0
18:00	0	18	0	0	0	0
19:00	0	0	0	0	0	0
20:00	0	0	0	0	0	0
21:00	0	0	0	27	13	0
22:00	0	0	0	54	27	0
23:00	0	0	0	54	27	0
Total	179	179	179	179	89	89

23. Car trips by staff at the UDX hotels and accommodation have been distributed in the same way as TM trips within the micro-simulation model, for consistency in assumptions across all staff at the Proposed Development.

West Gateway Zone – Trip Generation and Distribution

Restaurants

24. The trip forecast for the restaurants assumed within the West Gateway Zone has been derived from the TRICS database. As such the trip estimate use for the purpose of assessment includes both trips made by customers and trips made by staff. **Table 7** sets out the total trip forecast for the restaurants, based on the TRICS data. The relevant TRICS outputs are provided in **Appendix A**.

Table 7 – Vehicle Arrivals/Departures – Restaurants – Rates and trips – TRICS

Hour Commencing	Trip rates (per 100sqm GIA)		Veh Trips	
	Arrivals	Departures	Arrivals	Departures
00:00	0.211	0.211	12	12
01:00			-	-
02:00			-	-
03:00			-	-
04:00			-	-
05:00			-	-
06:00			-	-
07:00			-	-
08:00			-	-
09:00			-	-
10:00	0.53	0.53	31	31
11:00	0.882	0.143	52	8
12:00	1.931	0.501	113	29
13:00	1.168	1.359	69	80
14:00	0.596	1.359	35	80
15:00	0.405	0.787	24	46
16:00	0.691	0.429	41	25
17:00	1.168	0.381	69	22
18:00	2.146	1.288	126	76
19:00	1.693	1.55	99	91
20:00	0.811	2.003	48	117
21:00	0.548	1.383	32	81
22:00	0.286	0.978	17	57
23:00	0.264	0.528	15	31
Total	13.33	13.43	782	788

25. There is a high likelihood that a significant proportion of customers at these restaurants will be visitors to the Theme Park, either stopping on their way to the Theme Park, or after leaving the Theme Park. An assumption has been set that 75% of arrivals in the first half of the day and 75% of departures in the second part of the day are visitors to/from the Theme Park, factoring in the closure of the Theme Park at 22:00. These trips have then been removed from the totals shown in **Table 7** to derive a number of additional trip forecasted to/from the restaurants. **Table 8** sets out these trip numbers.

Table 8 – Vehicle Arrivals/Departures – Restaurants – Trips Removed and Resulting Trip Forecast

Hour Commencing	Trips removed		Non Park trips	
	Arrivals	Departures	Arrivals	Departures
00:00	-	-	12	12
01:00	-	-	-	-
02:00	-	-	-	-
03:00	-	-	-	-
04:00	-	-	-	-
05:00	-	-	-	-
06:00	-	-	-	-
07:00	-	-	-	-
08:00	-	-	-	-
09:00	-	-	-	-
10:00	23	23	8	8
11:00	39	39	13	13
12:00	85	85	28	28
13:00	51	51	17	17
14:00	26	26	9	9
15:00	18	18	6	6
16:00	19	19	6	6
17:00	17	17	6	6
18:00	57	57	19	19
19:00	68	68	23	23
20:00	88	88	29	29
21:00	61	61	20	20
22:00	-	-	57	57
23:00	-	-	31	31
Total	552	552	285	285

26. Additional trips associated with restaurants on-Site have been distributed based on the observed baseline trip distribution within the micro-simulation model.

Highway Service Area

27. The trip forecast for the Highway Service Area assumed within the West Gateway Zone has been derived from the TRICS database. As such the trip estimate use for the purpose of assessment includes both trips made by customers and trips made by staff. **Table 9** sets out the total trip forecast for the Highway Service Area, based on the TRICS data. The relevant TRICS outputs are provided in **Appendix A**.

Table 9 – Vehicle Arrivals/Departures – Highway Service Area – Rates and trips – TRICS

Hour Commencing	Trip rates (per pump)		Veh Trips	
	Arrivals	Departures	Arrivals	Departures
00:00	0	0	-	-
01:00	0	0	-	-
02:00	0	0	-	-
03:00	0	0	-	-
04:00	0	0	-	-
05:00	0.333	0	5	-
06:00	4.781	4.442	76	71
07:00	7.233	6.963	116	111
08:00	7.051	6.809	113	109
09:00	7.191	7.153	115	114
10:00	6.688	6.758	107	108
11:00	6.902	6.856	110	110
12:00	7.953	7.981	127	128
13:00	7.712	7.716	123	123
14:00	7.595	7.437	122	119
15:00	7.656	7.837	122	125
16:00	7.772	7.888	124	126
17:00	8.167	8.293	131	133
18:00	7.535	7.749	121	124
19:00	6.047	6.14	97	98
20:00	4.293	4.312	69	69
21:00	2.991	3.074	48	49
22:00	0.761	0.935	12	15
23:00	0.45	0.65	7	10
Total	109.111	108.993	1,746	1,744

28. There is a high likelihood that a significant proportion of customers at the Highway Service Area will be visitors to the Theme Park. An assumption has been set that 50% of arrivals in the first half of the day and 75% of departures in the second part of the day are visitors to/from the Theme Park, factoring in the closure of the Theme Park at 22:00. These trips have then been removed from the totals shown in **Table 9** to derive a number of additional trip forecasted to/from the Highway Service Area. **Table 10** sets out these trip numbers.

Table 10 – Vehicle Arrivals/Departures – Highway Service Area – Trips Removed and Resulting Trip Forecast

Hour Commencing	Trips removed		Non Park trips	
	Arrivals	Departures	Arrivals	Departures
00:00	-	-	-	-
01:00	-	-	-	-
02:00	-	-	-	-
03:00	-	-	-	-
04:00	-	-	-	-
05:00	-	-	5	-
06:00	-	-	76	71
07:00	58	58	58	54
08:00	56	56	56	53
09:00	58	58	58	57
10:00	54	54	54	55
11:00	55	55	55	54
12:00	64	64	64	64
13:00	62	62	62	62
14:00	61	61	61	58
15:00	63	63	60	63
16:00	63	63	61	63
17:00	66	66	64	66
18:00	62	62	59	62
19:00	49	49	48	49
20:00	34	34	34	34
21:00	25	25	23	25
22:00	-	-	12	15
23:00	-	-	7	10
Total	829	829	917	915

29. Additional trips associated with the Highway Service Area on-Site have been distributed based on the observed baseline trip distribution within the micro-simulation model.

Budget Hotel - Guests

30. For the budget hotel assumed in the West Gateway Zone (200 bedrooms), an assumption that 75% of the bedrooms at the hotel will be used by visitors to the Theme Park has been set. The trips associated with these hotel guests/visitors is captured in the Theme Park trip forecast spreadsheet (see Annex 4 of **Appendix 5.1: Transport Assessment (Volume 3)** of the ES).
31. This leave 50 bedrooms for which additional trips have been identified and accounted in the assessment. This has been based on the TRICS data base. The TRICS data base trip rate will capture trip making by guests and staff for these 50 bedrooms. However, in order to derive a robust assessment, additional trip forecast associated with staff at the budget hotel (for the other 150 bedrooms) has also been factored into the assessment.
32. **Table 11** sets out the vehicle trips associated with the guests using the 50 bedrooms at the budget hotel not used by visitors to the Theme Park. The relevant TRICS outputs are provided in **Appendix A**.

Table 11 – Vehicle Arrivals/Departures – Budget Hotel Guests (non-Theme Park) – Rates and trips – TRICS

Hour Commencing	Trip rates (per bedroom)		Veh Trips	
	Arrivals	Departures	Arrivals	Departures
00:00	0	0	-	-
01:00	0	0	-	-
02:00	0	0	-	-
03:00	0	0	-	-
04:00	0	0	-	-
05:00	0	0	-	-
06:00	0	0	-	-
07:00	0.088	0.226	4	11
08:00	0.178	0.226	9	11
09:00	0.214	0.165	11	8
10:00	0.14	0.143	7	7
11:00	0.09	0.135	5	7
12:00	0.12	0.11	6	6
13:00	0.132	0.108	7	5
14:00	0.164	0.141	8	7
15:00	0.147	0.123	7	6
16:00	0.16	0.152	8	8
17:00	0.218	0.188	11	9
18:00	0.203	0.155	10	8
19:00	0.146	0.147	7	7
20:00	0.101	0.07	5	4
21:00	0.072	0.059	4	3
22:00	0	0	-	-
23:00	0	0	-	-
Total	2.173	2.148	109	107

33. Additional trips associated with the budget hotel on-Site have been distributed based on the observed baseline trip distribution within the micro-simulation model.

Budget Hotel – Staff

34. Trip making by staff at the budget hotel has been captured here. Applying the 2015 HCA Employment Densities Guide, a total number of 30 staff employed at the budget hotel has been assumed for the purpose of this assessment.

35. Trip making by this 'hotel' staff has been derived using the same shift working, mode split and car occupancy as for the Flagship/Business hotels staff for consistency across the assessment. **Table 12** sets out the resultant vehicular trip forecast considered in the assessment.

Table 12 – Car Arrivals/Departures – Staff – Budget Hotel

Hour Commencing	Morning shift		Afternoon shift		Night shift	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
00:00	0	0	0	1	0	0
01:00	0	0	0	1	0	0
02:00	0	0	0	0	0	0
03:00	0	0	0	0	0	0
04:00	0	0	0	0	0	0
05:00	1	0	0	0	0	0
06:00	2	0	0	0	0	1
07:00	2	0	0	0	0	1
08:00	1	0	0	0	0	0
09:00	1	0	0	0	0	0
10:00	0	0	0	0	0	0
11:00	0	0	0	0	0	0
12:00	0	0	1	0	0	0
13:00	0	0	2	0	0	0
14:00	0	1	2	0	0	0
15:00	0	2	1	0	0	0
16:00	0	2	1	0	0	0
17:00	0	1	0	0	0	0
18:00	0	1	0	0	0	0
19:00	0	0	0	0	0	0
20:00	0	0	0	0	0	0
21:00	0	0	0	1	0	0
22:00	0	0	0	2	1	0
23:00	0	0	0	2	1	0
Total	6	6	6	6	3	3

36. Car trips by staff at the budget hotel (150 bedrooms for visitors) have been distributed in the same way as TM trips within the micro-simulation model, for consistency in assumptions across all staff at the Proposed Development.

APPENDIX A1 – A3 – TRICS OUTPUTS

TRICS 7.10.4

Trip Rate F Number of bedrooms

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use 06 - HOTEL FOOD & DRINK

Category A - HOTELS

TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST
	HC HAMPSHIRE 2 days
03	SOUTH WEST
	GS GLOUCESTER 1 days
	SG SOUTH GLoucester 1 days
	WL WILTSHIRE 1 days
05	EAST MIDLANDS
	DS DERBYSHIRE 1 days
	LE LEICESTER 1 days
06	WEST MIDLANDS
	WK WARWICK 1 days
	WM WEST MID 1 days
	WO WORCESTER 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 Number of bedrooms

Actual Ran 7 to 227 (units:)

Range Sele 7 to 300 (units:)

Public Transport Provision:

Selection Include all surveys

Date Range: 01/01/15 to 12/11/21

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 1 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 10 days

Directional 0 days

This data counts the total against whilst ATC surveys are undertaken using machines.

Selected Locations:

Town Centre 0

Edge of Town 0

Suburban 0

Edge of Town 8

Neighbourhood 1

Free Stand 1

Not Known 0

This data counts Edge of Town Suburban Neighbourhood Edge of Town Town Centre and Not Known.

Selected Location Sub Categories:

Industrial 2

Commercial 1

Development 0

Residential 1

Retail Zone 0

Built-Up Zone 0

Village 1

Out of Town 3

High Street 0

No Sub Cat 2

This data c Industrial Developm Residentia Retail Zon Built-Up Z Village Out of Town High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C1 10 days

This data c which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,000 or Less 1 days

1,001 to 5,000 2 days

5,001 to 10,000 3 days

10,001 to 15,000 2 days

15,001 to 20,000 2 days

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

Population within 5 miles:

5,001 to 10,000 1 days

25,001 to 50,000 1 days

50,001 to 100,000 1 days

125,001 to 250,000 4 days

250,001 to 500,000 3 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 5 days

1.1 to 1.5 5 days

This data c within a radius of 5-miles of selected survey sites.

Travel Plan:

No 10 days

This data c and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL P10 days

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

Covid-19 R Yes

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

LIST OF SITES relevant to selection parameters

1 DS-06-A-0: HOLIDAY II DERBYSHIRE

CARTER LANE EAST

SOUTH NORMANTON

Edge of Town

Residential Zone

Total Number of bedr 157

Survey dat FRIDAY ##### Survey Typ MANUAL

2 GS-06-A-0: HOLIDAY II GLOUCESTERSHIRE

CREST WAY

BARNWOOD

GLOUCESTER

Edge of Town

No Sub Category

Total Number of bedr 125

Survey dat FRIDAY ##### Survey Typ MANUAL

3 HC-06-A-0: TRAVELOD HAMPSHIRE

COVE ROAD

FLEET

Edge of Town

Out of Town

Total Number of bedr 40

Survey dat THURSDAY ##### Survey Typ MANUAL

4 HC-06-A-0: HOLIDAY II HAMPSHIRE
CARTWRIGHT DRIVE

PARK GATE

Edge of Town

Industrial Zone

Total Number of bedr 124

Survey dat MONDAY ##### Survey Typ MANUAL

5 LE-06-A-01 MARRIOTT LEICESTERSHIRE
SMITH WAY

ENDERBY

LEICESTER

Edge of Town

Commercial Zone

Total Number of bedr 227

Survey dat THURSDAY ##### Survey Typ MANUAL

6 SG-06-A-0: BED & BRE SOUTH GLOUCESTERSHIRE
OLD GLOUCESTER ROAD

WINTERBOURNE

NEAR BRISTOL

Free Standing (PPS6 Out of Town)

Out of Town

Total Number of bedr 7

Survey dat THURSDAY ##### Survey Typ MANUAL

7 WK-06-A-C HOLIDAY II WARWICKSHIRE
STRATFORD ROAD

LONGBRIDGE

WARWICK

Edge of Town

Out of Town

Total Number of bedr 138

Survey dat WEDNESD. ##### Survey Typ MANUAL

8 WL-06-A-0 TRAVELOD WILTSHIRE
LAWRENCE HILL

02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:C	9	110	0.088	9	110	0.226	9	110	0.314
08:00-09:C	10	100	0.178	10	100	0.226	10	100	0.404
09:00-10:C	10	100	0.214	10	100	0.165	10	100	0.379
10:00-11:C	10	100	0.14	10	100	0.143	10	100	0.283
11:00-12:C	10	100	0.09	10	100	0.135	10	100	0.225
12:00-13:C	10	100	0.12	10	100	0.11	10	100	0.23
13:00-14:C	10	100	0.132	10	100	0.108	10	100	0.24
14:00-15:C	10	100	0.164	10	100	0.141	10	100	0.305
15:00-16:C	10	100	0.147	10	100	0.123	10	100	0.27
16:00-17:C	10	100	0.16	10	100	0.152	10	100	0.312
17:00-18:C	10	100	0.218	10	100	0.188	10	100	0.406
18:00-19:C	10	100	0.203	10	100	0.155	10	100	0.358
19:00-20:C	10	100	0.146	10	100	0.147	10	100	0.293
20:00-21:C	10	100	0.101	10	100	0.07	10	100	0.171
21:00-22:C	10	100	0.072	10	100	0.059	10	100	0.131
22:00-23:C	1	7	0	1	7	0	1	7	0
23:00-24:00									
Daily Trip Rates:			2.173			2.148			4.321

Parameter summary

Trip rate p 7 - 227 (units:)

Survey dat 01/01/15 - 12/11/21

Number of 10

Number of 0

Number of 0

Surveys au 0

Surveys m: 0

This section followed by the total number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRICS 7.10.4

Trip Rate F Filling bays

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use 13 - PETROL FILLING STATIONS

Category B - PFS - WITH RETAIL

TOTAL VEHICLES

Selected regions and areas:

03	SOUTH WEST
	BR BRISTOL CI 1 days
	TB TORBAY 1 days
05	EAST MIDLANDS
	DY DERBY 1 days
	LE LEICESTER 1 days
	LN LINCOLNSH 1 days
	NG NOTTINGH 1 days
	NN NORTH NC 1 days
06	WEST MIDLANDS
	ST STAFFORD 1 days
	WO WORCESTER 3 days
07	YORKSHIRE & NORTH LINCOLNSHIRE
	NY NORTH YO 2 days
	YO YORK 1 days
08	NORTH WEST
	GM GREATER M 2 days
	LC LANCASHIRE 1 days
09	NORTH
	CU CUMBERLAND 1 days
	TW TYNE & WA 2 days
10	WALES
	MM MONMOUTH 1 days
	NP NEATH & F 1 days
	NW NEWPORT 1 days

11 SCOTLAND

AS ABERDEEN 1 days

FI FIFE 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 Filling bays

Actual Ran 6 to 16 (units:)

Range Sele 4 to 16 (units:)

Public Transport Provision:

Selection Include all surveys

Date Range 01/01/15 to 19/10/22

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

Selected survey days:

Monday 2 days

Tuesday 3 days

Wednesday 9 days

Thursday 2 days

Friday 9 days

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

Selected survey types:

Manual 25 days

Directional 0 days

This data shows the total number of surveys whilst ATC surveys are undertaken using machines.

Selected Locations:

Town Centre 1

Edge of Town 5

Suburban 10

Edge of To	6
Neighbour	2
Free Stand	1
Not Knowr	0

This data c Edge of To Suburban Neighbour Edge of To Town Centre and Not Known.

Selected Location Sub Categories:

Industrial z	1
Commerci	0
Developm	1
Residentia	12
Retail Zone	1
Built-Up Zc	1
Village	1
Out of Tow	1
High Stree	1
No Sub Cal	6

This data c Industrial Developm Residentia Retail Zon Built-Up Z Village Out of Tow High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

Sui Generi: 25 days

This data c which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,000 or Lc 2 days

1,001 to 5 3 days

5,001 to 14 days

10,001 to : 4 days

15,001 to : 3 days

20,001 to : 4 days

25,001 to 15 days

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

Population within 5 miles:

5,001 to 12 days

25,001 to 4 days

50,001 to 3 days

75,001 to 2 days

100,001 to 2 days

125,001 to 5 days

250,001 to 6 days

500,001 or 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 10 days

1.1 to 1.5 13 days

1.6 to 2.0 1 days

This data is within a radius of 5-miles of selected survey sites.

Travel Plan:

No 25 days

This data is and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Pt 25 days

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

Covid-19 R Yes

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

LIST OF SITES relevant to selection parameters

1 AS-13-B-0: CO-OP PFS ABERDEENSHIRE

KIRKTON ROAD

STONEHAVEN

Suburban Area (PPS6 Out of Centre)

No Sub Category

Total Filling bays: 8

Survey dat THURSDAY ##### Survey Typ MANUAL

2 BR-13-B-0: TESCO EXT BRISTOL CITY

EASTGATE ROAD

BRISTOL

Suburban Area (PPS6 Out of Centre)

Retail Zone

Total Filling bays: 12

Survey dat TUESDAY ##### Survey Typ MANUAL

3 CU-13-B-0: ESSO & SP, CUMBERLAND

A595

CARDEWLEES

NEAR CARLISLE

Free Standing (PPS6 Out of Town)

Out of Town

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL

4 DY-13-B-0: ESSO & TE: DERBY

NOTTINGHAM ROAD

CHADDESSEN

DERBY

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL

5 FI-13-B-01 BP & M&S FIFE

HARBOUR DRIVE

DALGETY BAY

Edge of Town

No Sub Category

Total Filling bays: 13

Survey dat WEDNESD. ##### Survey Typ MANUAL

6 GM-13-B-C BP & SPAR GREATER MANCHESTER

NEW STREET

MILNROW

ROCHDALE

Edge of Town

Residential Zone

Total Filling bays: 8

Survey dat WEDNESD. ##### Survey Typ MANUAL

7 GM-13-B-C SHELL & LC GREATER MANCHESTER

STOCKPORT ROAD

BURNAGE

MANCHESTER

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Filling bays: 6

Survey dat THURSDAY ##### Survey Typ MANUAL

8 LC-13-B-03 TEXACO & LANCASHIRE

GARSTANG ROAD

FULWOOD

PRESTON

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Filling bays: 8

Survey dat TUESDAY ##### Survey Typ MANUAL

9 LE-13-B-03 CO-OP PFS LEICESTERSHIRE

COVENTRY ROAD

MARKET HARBOROUGH

Edge of Town Centre

No Sub Category

Total Filling bays: 6

Survey dat WEDNESD. ##### Survey Typ MANUAL
10 LN-13-B-0: GULF & CC LINCOLNSHIRE
CARHOLME ROAD

LINCOLN
Edge of Town
Residential Zone

Total Filling bays: 8

Survey dat WEDNESD. ##### Survey Typ MANUAL
11 MM-13-B-0 BP & M&S MONMOUTHSHIRE
MALPAS ROAD

MALPAS
NEWPORT
Neighbourhood Centre (PPS6 Local Centre)

Residential Zone

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL
12 NG-13-B-0 SAINSBUR' NOTTINGHAM
CASTLE BRIDGE ROAD

NOTTINGHAM
Suburban Area (PPS6 Out of Centre)
Development Zone

Total Filling bays: 16

Survey dat FRIDAY ##### Survey Typ MANUAL
13 NN-13-B-0 TEXACO & NORTH NORTHAMPTONSHIRE
WELLINGBOROUGH ROAD

RUSHDEN
Edge of Town Centre
Residential Zone

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL
14 NP-13-B-0: ESSO & TE: NEATH & PORT TALBOT
NEATH ROAD

GLYNNEATH

Edge of Town

Residential Zone

Total Filling bays: 6

Survey dat WEDNESD. ##### Survey Typ MANUAL

15 NW-13-B-0 ESSO & TELL NEWPORT
CHEPSTOW ROAD

NEWPORT

Edge of Town

Residential Zone

Total Filling bays: 8

Survey dat WEDNESD. ##### Survey Typ MANUAL

16 NY-13-B-00 ESSO & CO NORTH YORKSHIRE
WETHERBY ROAD NORTH

KNARESBOROUGH

Suburban Area (PPS6 Out of Centre)

Industrial Zone

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL

17 NY-13-B-00 HARVEST E NORTH YORKSHIRE
VICTORIA ROAD

RICHMOND

Edge of Town Centre

No Sub Category

Total Filling bays: 8

Survey dat WEDNESD. ##### Survey Typ MANUAL

18 ST-13-B-01 BP & HURST STAFFORDSHIRE
FOREGATE STREET

STAFFORD

Edge of Town Centre

Built-Up Zone

Total Filling bays: 10

Survey dat WEDNESD. ##### Survey Typ MANUAL

19 TB-13-B-01 BP & COST TORBAY

TORBAY ROAD

PAIGNTON

Edge of Town

Residential Zone

Total Filling bays: 8

Survey dat TUESDAY ##### Survey Typ MANUAL

20 TW-13-B-0 SHELL & ST TYNE & WEAR

THE BROADWAY

SUNDERLAND

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Filling bays: 6

Survey dat FRIDAY ##### Survey Typ MANUAL

21 TW-13-B-0 ESSO & TEL TYNE & WEAR

BEACH ROAD

NORTH SHIELDS

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Filling bays: 8

Survey dat MONDAY ##### Survey Typ MANUAL

22 WO-13-B-0 MORRISON WORCESTERSHIRE

CLEARWELL ROAD

WINYATES WEST

REDDITCH

Suburban Area (PPS6 Out of Centre)

No Sub Category

Total Filling bays: 12

Survey dat MONDAY ##### Survey Typ MANUAL

23 WO-13-B-(TEXACO & WORCESTERSHIRE
WORCESTER ROAD

MALVERN

Edge of Town Centre

No Sub Category

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL

24 WO-13-B-(ESSO & LO WORCESTERSHIRE
WORCESTER ROAD

MALVERN

Town Centre

High Street

Total Filling bays: 8

Survey dat FRIDAY ##### Survey Typ MANUAL

25 YO-13-B-0: SHELL & SFYORK

YORK ROAD

ESCRICK

NEAR YORK

Neighbourhood Centre (PPS6 Local Centre)

Village

Total Filling bays: 8

Survey dat WEDNESD. ##### Survey Typ MANUAL

This section displays the selected day of and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 13 - PETROL FILLING STATIONS/B - PFS - WITH RETAIL

Calculation Factor: 1 BAYS

Count Type: TOTAL VEHICLES

		ARRIVALS			DEPARTURES			TOTALS
No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Rang Days	BAYS	Rate	Days	BAYS	Rate	Days	BAYS	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	1	6	0.333	1	6	0	1	6	0.333
06:00-07:00	25	9	4.781	25	9	4.442	25	9	9.223
07:00-08:00	25	9	7.233	25	9	6.963	25	9	14.196
08:00-09:00	25	9	7.051	25	9	6.809	25	9	13.86
09:00-10:00	25	9	7.191	25	9	7.153	25	9	14.344
10:00-11:00	25	9	6.688	25	9	6.758	25	9	13.446
11:00-12:00	25	9	6.902	25	9	6.856	25	9	13.758
12:00-13:00	25	9	7.953	25	9	7.981	25	9	15.934
13:00-14:00	25	9	7.712	25	9	7.716	25	9	15.428
14:00-15:00	25	9	7.595	25	9	7.437	25	9	15.032
15:00-16:00	25	9	7.656	25	9	7.837	25	9	15.493
16:00-17:00	25	9	7.772	25	9	7.888	25	9	15.66
17:00-18:00	25	9	8.167	25	9	8.293	25	9	16.46
18:00-19:00	25	9	7.535	25	9	7.749	25	9	15.284
19:00-20:00	25	9	6.047	25	9	6.14	25	9	12.187
20:00-21:00	25	9	4.293	25	9	4.312	25	9	8.605
21:00-22:00	25	9	2.991	25	9	3.074	25	9	6.065
22:00-23:00	5	9	0.761	5	9	0.935	5	9	1.696
23:00-24:00	2	10	0.45	2	10	0.65	2	10	1.1
Daily Trip Rates:			109.111			108.993			218.104

Parameter summary

Trip rate p 6 - 16 (units:)

Survey dat 01/01/15 - 19/10/22

Number of 25

Number of 0

Number of 0

Surveys au 0

Surveys m: 0

This section followed by the total number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRICS 7.10.4

Trip Rate Param Gross floor area

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use 06 - HOTEL FOOD & DRINK

Category B - RESTAURANTS

TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST
	HC HAMPSHIR 1 days
	PO PORTSMOL 1 days
04	EAST ANGLIA
	CA CAMBRIDG 1 days
05	EAST MIDLANDS
	DY DERBY 1 days
	LN LINCOLNSH 1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE
	LS LEEDS 1 days

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

Primary Filtering selection:

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

Parameter: Gross floor area

Actual Range: 325 to 1136 (units: sqm)

Range Selected 175 to 1200 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 21/05/23

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

Selected survey days:

Monday 3 days

Tuesday 1 days

Thursday 1 days

Friday 1 days

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

Selected survey types:

Manual count 6 days

Directional ATC 0 days

This data display the total at whilst ATC surveys are undertaking using machines.

Selected Locations:

Town Centre 0

Edge of Town C 2

Suburban Area (2

Edge of Town 0

Neighbourhood 1

Free Standing (P 1

Not Known 0

This data display Edge of To Suburban , Neighbour Edge of To Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone 0

Commercial Zon 0

Development Zc 2

Residential Zone 2

Retail Zone 0

Built-Up Zone 1

Village 0

Out of Town 1

High Street 0

No Sub Category 0

This data display Industrial , Developm, Residentia Retail Zon, Built-Up Zc Village Out of Tow High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

E(b) 6 days

This data display which can be found within the Library module of TRICS®.

Population within 500m Range:
All Surveys Included

Population within 1 mile:

1,000 or Less 1 days
10,001 to 15,000 1 days
15,001 to 20,000 1 days
20,001 to 25,000 1 days
25,001 to 50,000 2 days

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

Population within 5 miles:

5,001 to 25,000 1 days
125,001 to 250,000 2 days
250,001 to 500,000 2 days
500,001 or More 1 days

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

Car ownership within 5 miles:

0.5 or Less 1 days
0.6 to 1.0 2 days
1.1 to 1.5 3 days

This data display within a radius of 5-miles of selected survey sites.

Travel Plan:

No 6 days

This data display and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present 6 days

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

LIST OF SITES relevant to selection parameters

1 CA-06-B-01 INDIAN RES CAMBRIDGESHIRE
OLD GREAT NORTH ROAD

NEAR SAWTRY

Free Standing (PPS6 Out of Town)

Out of Town

Total Gross floor area: 788 sqm

Survey date: FRIDAY ##### Survey Type: MANUAL

2 DY-06-B-03 BRITISH RE: DERBY

THORNHILL ROAD

LITTLEOVER

DERBY

Neighbourhood Centre (PPS6 Local Centre)

Residential Zone

Total Gross floor area: 350 sqm

Survey date: THURSDAY ##### Survey Type: MANUAL

3 HC-06-B-02 CHINESE RE: HAMPSHIRE

BRIDGE ROAD

PARK GATE

Suburban Area (PPS6 Out of Centre)

Residential Zone

Total Gross floor area: 645 sqm

Survey date: MONDAY ##### Survey Type: MANUAL

4 LN-06-B-01 PREZZO LINCOLNSHIRE

BRAYFORD WHARF NORTH

BRAYFORD WHARF

LINCOLN

Edge of Town Centre

Development Zone

Total Gross floor area: 1136 sqm

Survey date: TUESDAY ##### Survey Type: MANUAL

5 LS-06-B-01 CHINESE RE: LEEDS

BINGLEY STREET

LEEDS

Edge of Town Centre

Built-Up Zone

Total Gross floor area: 950 sqm

Survey date: MONDAY ##### Survey Type: MANUAL

6 PO-06-B-01 PIZZA HUT PORTSMOUTH

BINNACLE WAY

COSHAM
 PORTSMOUTH
 Suburban Area (PPS6 Out of Centre)
 Development Zone
 Total Gross floor area: 325 sqm
 Survey date: MONDAY ##### Survey Type: MANUAL

This section provides a summary of the survey data. It displays the selected day of the week and whether the survey was a manual classified count or an ATC count.

Manually Deselected Sites

Site Ref	Reason for Deselection
DC-06-B-02	TC no parking
DY-06-B-04	TC no parking
NF-06-B-01	TC no parking
WM-06-B-05	TC no parking
WM-06-B-06	TC no parking
WM-06-B-07	TC no parking

TRIP RATE for La FOOD & DRINK/B - RESTAURANTS

Calculation Factor: 100 sqm

Count Type: TOTAL VEHICLES

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	1	950	0.211	1	950	0.211	1	950	0.422
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									
08:00-09:00									
09:00-10:00									
10:00-11:00	3	440	0.53	3	440	0.53	3	440	1.06

11:00-12:00	6	699	0.882	6	699	0.143	6	699	1.025
12:00-13:00	6	699	1.931	6	699	0.501	6	699	2.432
13:00-14:00	6	699	1.168	6	699	1.359	6	699	2.527
14:00-15:00	6	699	0.596	6	699	1.359	6	699	1.955
15:00-16:00	6	699	0.405	6	699	0.787	6	699	1.192
16:00-17:00	6	699	0.691	6	699	0.429	6	699	1.12
17:00-18:00	6	699	1.168	6	699	0.381	6	699	1.549
18:00-19:00	6	699	2.146	6	699	1.288	6	699	3.434
19:00-20:00	6	699	1.693	6	699	1.55	6	699	3.243
20:00-21:00	6	699	0.811	6	699	2.003	6	699	2.814
21:00-22:00	6	699	0.548	6	699	1.383	6	699	1.931
22:00-23:00	6	699	0.286	6	699	0.978	6	699	1.264
23:00-24:00	5	681	0.264	5	681	0.528	5	681	0.792
Daily Trip Rates:			13.33			13.43			26.76

Parameter summary

Trip rate parameter 325 - 1136 (units: sqm)

Survey date date 01/01/15 - 21/05/23

Number of weekdays 6

Number of Saturdays 0

Number of Sundays 0

Surveys automatically 0

Surveys manually 6

This section displays followed by the total number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.