

POLICY SITE 6

FELPHAM, BOGNOR REGIS

Housing Application Re-plan Phases 4 & 5

TRANSPORT STATEMENT IN SUPPORT OF RE-PLAN

**[Addendum to Transport Assessment prepared
by Boreham Consulting for Hallam Land
Management]**

BARRATT DAVID WILSON LIMITED

Date: 20th March 2015
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1 Introduction

1.1 General

- 1.1.1 In December 2011 Barratt David Wilson (BDW) carried out a re-plan of the consented development on their site at Felpham. The total number of dwellings on site was 770, where an additional 70 units were consented to in January 2011.
- 1.1.2 Whilst the total number of dwellings remained at 770, the December 2011 re-plan involved a change in the development mix within Phases 2 (partial), 4 and 5. A report (**WL/11.0705/4180**) was produced by MJA Consulting in December 2011 to examine the traffic effects of the re-plan.
- 1.1.3 BDW again reviewed the mix of housing within Phase 5a in June 2013. This involved a minimal increase of seven dwellings over the entire site. A report (**WL/13.0366/4180**) examined the traffic effects of the proposed re-plan.
- 1.1.4 The latest re-plan proposals again consider a change in the development mix (reduction in the number of larger houses) and the addition of a total of ten dwellings within Phases 4 & 5, for which this report relates to.
- 1.1.5 In order to examine the impact in transportation terms for the change in housing numbers it is necessary to consider the original Transportation Assessment (TA) that supported the outline application.
- 1.1.6 Prepared by Boreham Consulting (BCL) on behalf of Hallam Land Ltd the TA (see Appendix B) considered in a comprehensive manner the impact of 1,350 houses on Site 6, with 700 at Felpham and 650 at Bersted.
- 1.1.7 The TA was informed by a PARAMICS Model which was set up by BCL for the major highway network through Bognor Regis. Traffic Counts and roadside interviews across the network were undertaken to calibrate the model which provided a valuable insight into predicted flows and impact. The model formed the subject of protracted dialogue with West Sussex County Council (WSSC) who accepted it as an appropriate tool to examine traffic impacts.



1.1.8 The model distributed flows across the highway network and there are no reasons to suggest that the distribution will be any different for the additional ten dwellings currently proposed.

1.1.9 This report seeks to identify the traffic impact due to a further re-plan, giving rise to a change in the development mix compared to that considered in June 2013.

2 Development Proposals

2.1 Background

- 2.1.1 At the time of the outline application, which was later the subject of an inquiry, the housing proposals were of necessity vague as Hallam Land were proposing to offer the site to the house building market.
- 2.1.2 Since BDW acquired the Felpham site they have examined the most appropriate house types for the current housing market. In January 2011 it was opted for a mix of 605 houses (2-5 bedrooms) and 165 flats (1 & 2 bedrooms). During December 2011, the re-plan considered 635 houses (2-5 bedrooms) and 135 flats (1 & 2 bedrooms).
- 2.1.3 The previous re-plan in June 2013 considered 655 houses (2-5 bedrooms) and 122 flats (1 & 2 bedrooms). The latest re-plan proposes to provide 665 houses (2-5 bedrooms) and 122 flats (1 & 2 bedrooms). A summary is shown in **Table 2.1** below.

Table 2.1: Comparison of development mix at Site 6				
	Houses (4 & 5 beds)	Houses (2 & 3 beds)	Flats (1 & 2 beds)	Total
January 2011	218	387	165	770
December 2011	195	440	135	770
June 2013	214	441	122	777
March 2015	231	434	122	787

- 2.1.4 Whilst **Table 2.1** above shows the total housing numbers for the site, it should be noted that only Phases 4 & 5 are considered for the current re-plan proposals.
- 2.1.5 The introduction of the additional houses will have minimal impact upon the housing areas, the means of access or the on-site infrastructure. Access will remain via the two internal roundabouts that lie on the eastern section of the Bognor Regis Northern Relief Road (BNRR).

3 Traffic Generation and Distribution

3.1 Traffic Generation

- 3.1.1 The BCL TA looked at trip generations from the TRICS Database before opting to use those relating to an adjacent residential development at Summerhill Drive (see Appendix (ii) of the BCL TA).
- 3.1.2 Traffic counts recorded movements to and from the development for 24-hours a day over a 7 day period.
- 3.1.3 Using average flows over the five weekdays for the peak periods the trip rates recorded are shown in **Table 3.1**.

Table 3.1: Recorded residential weekday trips rates (AM & PM peaks)			
Period	IN	OUT	TOTAL
0800-0900	0.17	0.41	0.58
1700-1800	0.37	0.28	0.65

West Sussex County Council (WSCC) agreed to the use of the trip rates contained at **Table 3.1** for all residential housing at Site 6.

- 3.1.4 Examination of the latest version of TRICS (v7.1.3) again reveals limited contributions to the database from sites in West Sussex. Selecting a number of sites however of similar size produces the following typical trip rates, as shown in **Tables 3.2** and **3.3**.

Table 3.2: TRICS weekday trips rates (AM & PM peaks) - Houses privately owned (4 and 5 bedrooms)			
Period	IN	OUT	TOTAL
0800-0900	0.167	0.434	0.601
1700-1800	0.430	0.262	0.692

Table 3.3: TRICS weekday trips rates (AM & PM peaks) - Houses privately owned (2 and 3 bedrooms)			
Period	IN	OUT	TOTAL
0800-0900	0.127	0.378	0.505
1700-1800	0.360	0.216	0.576

The above results are sufficiently similar to those used by the BCL TA to suggest that there has been no material change in residential trip rates over the period 2004-2015

- 3.1.5 In applying the trip generations for the Felpham portion of Site 6, BCL elected to use the above trip rates in **Table 3.1**, which for 700 houses would generate the following trips in **Table 3.4**.

Table 3.4: BCL development trips (AM & PM peaks) associated with 700 dwellings			
Period	IN	OUT	TOTAL
0800-0900	119	287	406
1700-1800	259	196	455

- 3.1.6 Reference to the flow diagrams in the BCL TA for the 2011 scenario for the two internal BNRR roundabouts indicates the following inputs to the PARAMICS Model, as shown in **Table 3.5**.

Table 3.5: Development trips (AM & PM peaks) used in PARAMICS Model					
Period	Junction 10		Junction 11		Total
	IN	OUT	IN	OUT	
0800-0900	61	153	64	152	430
1700-1800	133	101	126	101	461

The trips are not identical to those above as they are in PCU and may also include a small element of A1 accommodation that is included in the consent.

Notwithstanding this it can be seen that the model has considered the impact of a minimum of 700 houses in a robust manner.

- 3.1.7 The development that has evolved now comprises a mix of houses and flats. Since 2009 the housing mix has been revised to suit the prevailing market conditions. The development at the time of the BCL TA, to the present time can be compared and seen in **Table 3.6**.

Table 3.6: Summary of housing provision for Felpham Part of Site 6					
Type	2004 Scenario	2009 Scenario	2011 Scenario	2013 Scenario	2015 Scenario
Houses (4/5 bedrooms)	700	218	195	214	231
Houses (2/3 bedrooms)		387	440	441	434
Flats	-	165	135	122	122
Total	700	770	770	777	787

3.1.8 Examination of the latest TRICS database indicates typical trip rates for Flats-privately owned as follows in **Table 3.7**.

Table 3.7: TRICS weekday trips rates (AM & PM peaks) - Flats privately owned (1 and 2 bedrooms)			
Period	IN	OUT	TOTAL
0800-0900	0.058	0.250	0.308
1700-1800	0.228	0.073	0.301

3.1.9 The June 2013 addendum applied similar trip rates to those in **Table 3.2** to the 214 houses; similar trip rates to those shown in **Table 3.3** to the 441 houses and; similar trip rates to **Table 3.7** trip rates for the 122 flats to produce the trips in **Table 3.8**.

Table 3.8: Development trips for 777 dwellings – weekday AM & PM peaks					
Period	Houses (655)		Flats (122)		Total
	IN	OUT	IN	OUT	
0800-0900	96	265	6	29	396
1700-1800	253	151	29	10	443

3.1.10 In order to demonstrate the traffic impacts of the latest re-plan the trip rates in **Tables 3.2, 3.3 & 3.7** have been applied to the 2015 development mix shown in **Table 3.6**. The resultant re-plan development trips are shown in **Table 3.9** below.

Table 3.9: Development trips 787 dwellings (Phase 4 & 5 re-plan) – weekday AM & PM peaks					
Period	Houses (665)		Flats (122)		Total
	IN	OUT	IN	OUT	
0800-0900	94	264	7	31	396
1700-1800	256	155	28	9	448

3.1.11 A Residential Travel Plan (RTP) has been prepared, which seeks to encourage the reduction of trip generations from the site via the use of public transport, walking and cycling together with an enhanced level of car sharing. Practical and achievable targets are proposed within the RTP, which BDW will pursue via the Travel Plan Coordinator.

3.2 Traffic Distribution

- 3.2.1 It can be seen that the predicted trip generations associated with the Phase 4 & 5 re-plan (see **Table 3.9**) are of a very similar order of magnitude as the previously accepted re-plan in 2013 (see **Table 3.8**). Furthermore, both are at a very similar level to those considered in the BCL TA (see **Table 3.4**) and accordingly there is no necessity for the PARAMICS Model to be revisited.
- 3.2.2 Paragraph 6.30 of the BCL TA would suggest that the PARAMICS Model Scenarios considered 750 houses in 2011, which is a similar level to the proposed re-plan numbers.

4 Traffic Impact

4.1 General

- 4.1.1 The Paramics Model considered impact across the network and identified mitigation measures that became and remain conditions of the subsequent planning consent.
- 4.1.2 The December 2011 addendum demonstrated that the trips generated by the 770 dwellings were marginally less than those considered by the former re-plan proposals for 770 houses in January 2011. As such, it was considered that no requirement for any impact assessments upon the junctions were required. The 2013 re-plan for an additional seven dwellings is also considered to have negligible traffic impacts, particularly when compared with the original BCL conclusions.
- 4.1.3 The assignment of trips is expected to remain as before and in traffic terms the status quo is maintained. The previous chapter demonstrates that the trip generation for the latest Phases 4 & 5 re-plan is similar to that shown in the consented June 2013 re-plan. Comparing the traffic generation associated with the Phases 4 & 5 (**Table 3.9**) with those in the BCL TA and PARAMICS model (**Tables 3.4 & 3.5**) demonstrates that the current proposals will have less impact. Consequently, it remains that further impact assessments are not required.
- 4.1.4 Mitigation measures are clearly set out in **Appendix B** and remain all as defined in the TA and the Planning Conditions.
- 4.1.5 In the period that has elapsed since 2004 there have been no significant changes in transport trends that would suggest that the findings of the PARAMICS Model and the mitigation measures are anything other than robust. Evidence would suggest in recent years that the economic situation, employment levels and fuel costs have combined to reduce the number of journeys that are being made. This has yet to emerge from TRICS in the shape of reduced trip rates but there are compelling reasons to indicate that the BCL TA is a robust assessment of the traffic picture associated with Site 6.



5 Sustainable Travel

5.1 Public Transport

5.1.1 The manner in which public transport will serve the development remains as before with a bus only link into the site via Westmorland Drive and Downview Road.

Services will be introduced once a sustainable number of dwellings have been occupied.

5.1.2 Regular bus services will ensure that trips generated by the site are modest and in line with if not less than those used in the TA.

5.2 Walking and Cycling

5.2.1 The site has a number of high quality links for both cyclists and pedestrians to the existing network thereby providing alternatives for many to the use of the car for local journeys.



6 Summary and Conclusion

6.1 Summary

- 6.1.1 BDW is seeking consent for a total of 787 dwellings, comprising a mix of houses and flats. The re-plan of Phases 4 & 5 involves a reduction of the largest houses and an addition of ten units to be provided in order to meet current market trends and to ensure the homes meet the needs of potential residents.
- 6.1.2 Consent was granted on the site previously for a re-plan of Phase 5a, where a total of 777 dwellings would be provided on site. The effect of the current re-plan in terms of traffic generation terms has an almost identical impact.
- 6.1.3 Although a period of time has elapsed since the outline consent was granted there have been no transport trends or network changes that would indicate that the impact or required mitigation are no longer correct or appropriate. However, there is evidence to suggest in recent years that the economic situation, employment levels and fuel costs have combined to reduce the number of journeys that are being made.
- 6.1.4 Mitigation measures remain as before accompanied by a Residential Travel Plan for the site designed to promote sustainable means of travel.
- 6.1.5 Following the re-plan, a very similar traffic generation is forecast and thus confirms that the infrastructure under construction can and will continue to accommodate the predicted flows. In addition offsite mitigation measures will be equally effective for the proposed development re-plan.
- 6.1.6 This Statement is to be read in conjunction with the BCL TA which sets out in some detail the extensive modelling work that has underpinned the development of Site 6.

6.2 Conclusion

- 6.2.1 It is concluded that the proposed re-plan of Phases 4 & 5 will have imperceptible traffic impacts on the local highway network. The reduced background traffic, new



infrastructure will continue to accommodate the predicted flows. In addition off-site mitigation measures will be equally effective for the proposed development re-plan.



Appendix A

SITE LAYOUT

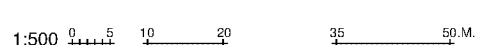
SCHEDULE OF UNITS - Phase 4 and 5, Proposed						
TYPE	NAME	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	DATE
BARRIET SUBSTATION						
644	REBAR	0.000 X 1/2" X 30'00"	11	127.12	1,398.32	
645	REBAR	0.000 X 3/4" X 30'00"	2	1,051.48	2,102.96	
646	REBAR	0.000 X 1" X 30'00"	1	1,344.00	1,344.00	
647	REBAR	0.000 X 1 1/4" X 30'00"	1	1,584.00	1,584.00	
648	REBAR	0.000 X 1 1/2" X 30'00"	1	1,872.00	1,872.00	
649	REBAR	0.000 X 1 3/4" X 30'00"	1	2,160.00	2,160.00	
650	REBAR	0.000 X 2" X 30'00"	1	2,592.00	2,592.00	
651	REBAR	0.000 X 2 1/4" X 30'00"	1	2,976.00	2,976.00	
652	REBAR	0.000 X 2 1/2" X 30'00"	1	3,264.00	3,264.00	
653	REBAR	0.000 X 2 3/4" X 30'00"	1	3,648.00	3,648.00	
654	REBAR	0.000 X 3" X 30'00"	1	4,032.00	4,032.00	
655	REBAR	0.000 X 3 1/4" X 30'00"	1	4,416.00	4,416.00	
656	REBAR	0.000 X 3 1/2" X 30'00"	1	4,704.00	4,704.00	
657	REBAR	0.000 X 3 3/4" X 30'00"	1	5,088.00	5,088.00	
658	REBAR	0.000 X 4" X 30'00"	1	5,472.00	5,472.00	
659	REBAR	0.000 X 4 1/4" X 30'00"	1	5,856.00	5,856.00	
660	REBAR	0.000 X 4 1/2" X 30'00"	1	6,144.00	6,144.00	
661	REBAR	0.000 X 4 3/4" X 30'00"	1	6,528.00	6,528.00	
662	REBAR	0.000 X 5" X 30'00"	1	6,912.00	6,912.00	
663	REBAR	0.000 X 5 1/4" X 30'00"	1	7,296.00	7,296.00	
664	REBAR	0.000 X 5 1/2" X 30'00"	1	7,584.00	7,584.00	
665	REBAR	0.000 X 5 3/4" X 30'00"	1	7,968.00	7,968.00	
666	REBAR	0.000 X 6" X 30'00"	1	8,352.00	8,352.00	
667	REBAR	0.000 X 6 1/4" X 30'00"	1	8,736.00	8,736.00	
668	REBAR	0.000 X 6 1/2" X 30'00"	1	9,024.00	9,024.00	
669	REBAR	0.000 X 6 3/4" X 30'00"	1	9,408.00	9,408.00	
670	REBAR	0.000 X 7" X 30'00"	1	9,792.00	9,792.00	
671	REBAR	0.000 X 7 1/4" X 30'00"	1	10,176.00	10,176.00	
672	REBAR	0.000 X 7 1/2" X 30'00"	1	10,464.00	10,464.00	
673	REBAR	0.000 X 7 3/4" X 30'00"	1	10,848.00	10,848.00	
674	REBAR	0.000 X 8" X 30'00"	1	11,232.00	11,232.00	
675	REBAR	0.000 X 8 1/4" X 30'00"	1	11,616.00	11,616.00	
676	REBAR	0.000 X 8 1/2" X 30'00"	1	11,904.00	11,904.00	
677	REBAR	0.000 X 8 3/4" X 30'00"	1	12,288.00	12,288.00	
678	REBAR	0.000 X 9" X 30'00"	1	12,672.00	12,672.00	
679	REBAR	0.000 X 9 1/4" X 30'00"	1	13,056.00	13,056.00	
680	REBAR	0.000 X 9 1/2" X 30'00"	1	13,344.00	13,344.00	
681	REBAR	0.000 X 9 3/4" X 30'00"	1	13,728.00	13,728.00	
682	REBAR	0.000 X 10" X 30'00"	1	14,112.00	14,112.00	
683	REBAR	0.000 X 10 1/4" X 30'00"	1	14,496.00	14,496.00	
684	REBAR	0.000 X 10 1/2" X 30'00"	1	14,784.00	14,784.00	
685	REBAR	0.000 X 10 3/4" X 30'00"	1	15,168.00	15,168.00	
686	REBAR	0.000 X 11" X 30'00"	1	15,552.00	15,552.00	
687	REBAR	0.000 X 11 1/4" X 30'00"	1	15,936.00	15,936.00	
688						
TOTAL			236	262.14	61,864.16	

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663	REBAR	0.000 X 5 1/4" X 30'00"	1	7,296.00	7,296.00	
664	REBAR	0.000 X 5 1/2" X 30'00"	1	7,584.00	7,584.00	
665	REBAR	0.000 X 5 3/4" X 30'00"	1	7,968.00	7,968.00	
666	REBAR	0.000 X 6" X 30'00"	1	8,352.00	8,352.00	
667	REBAR	0.000 X 6 1/4" X 30'00"	1	8,736.00	8,736.00	
668	REBAR	0.000 X 6 1/2" X 30'00"	1	9,024.00	9,024.00	
669	REBAR	0.000 X 6 3/4" X 30'00"	1	9,408.00	9,408.00	
670	REBAR	0.000 X 7" X 30'00"	1	9,792.00	9,792.00	
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688						
TOTAL			236	262.14	61,864.16	



- ## Legend
- | | |
|---|----------------------------|
|  | Application Boundary. |
|  | Ownership Boundary. |
|  | Existing Trees. |
|  | Proposed Trees. |
|  | House Reference. |
|  | Plot Numbers. |
|  | Parking Space. |
|  | 2.0M High Boundary Wall. |
|  | 1.8M High Fence. |
|  | Affordable Housing. |
|  | Feature Material - Flint. |
|  | Feature Material - Render. |

PRELIMINARY ISSUE





Appendix B

Transport Assessment by
Boreham Consulting (March 2004)
(on disc)



Appendix C

TRICS outputs

Calculation Reference: AUDIT-723101-150319-0301

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLESSelected regions and areas:

01	GREATER LONDON	
	KI KINGSTON	2 days
	SK SOUTHWARK	1 days
03	SOUTH WEST	
	CW CORNWALL	1 days
	DC DORSET	1 days
	WL WILTSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
	NF NORFOLK	1 days
	SF SUFFOLK	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	LN LINCOLNSHIRE	2 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	2 days
	WK WARWICKSHIRE	1 days
	WM WEST MIDLANDS	2 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	2 days
08	NORTH WEST	
	CH CHESHIRE	2 days
	GM GREATER MANCHESTER	1 days
	MS MERSEYSIDE	1 days
09	NORTH	
	TW TYNE & WEAR	1 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
	AG ANGUS	1 days
	EA EAST AYRSHIRE	1 days
	FI FIFE	1 days
	HI HIGHLAND	2 days
	PK PERTH & KINROSS	1 days
	SR STIRLING	1 days
12	CONNAUGHT	
	CS SLIGO	1 days
	GA GALWAY	1 days
	MA MAYO	1 days
	RO ROSCOMMON	1 days
15	GREATER DUBLIN	
	DL DUBLIN	1 days
16	ULSTER (REPUBLIC OF IRELAND)	
	CV CAVAN	1 days
	DN DONEGAL	1 days
17	ULSTER (NORTHERN IRELAND)	
	AN ANTRIM	1 days
	AR ARMAGH	1 days
	DO DOWN	1 days

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

Filtering Stage 2 selection:

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

Parameter: Number of dwellings
 Actual Range: 6 to 186 (units:)
 Range Selected by User: 4 to 300 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 20/05/14

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	8 days
Tuesday	10 days
Wednesday	7 days
Thursday	11 days
Friday	8 days

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

Selected survey types:

Manual count	44 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)	26
Edge of Town	17
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	35
No Sub Category	9

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

Filtering Stage 3 selection:**Use Class:**

C3	43 days
----	---------

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

Filtering Stage 3 selection (Cont.):Population within 1 mile:

1,001 to 5,000	9 days
5,001 to 10,000	6 days
10,001 to 15,000	4 days
15,001 to 20,000	11 days
20,001 to 25,000	4 days
25,001 to 50,000	9 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:

5,000 or Less	2 days
5,001 to 25,000	5 days
25,001 to 50,000	3 days
50,001 to 75,000	4 days
75,001 to 100,000	8 days
100,001 to 125,000	5 days
125,001 to 250,000	4 days
250,001 to 500,000	8 days
500,001 or More	5 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	9 days
1.1 to 1.5	35 days

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

Travel Plan:

No	44 days
----	---------

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

LIST OF SITES relevant to selection parameters

1	AD-03-A-01	SEMI-DETACHED		ABERDEEN CITY
	SPRINGFIELD ROAD			
	ABERDEEN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	59		
	Survey date: FRIDAY	18/05/12		Survey Type: MANUAL
2	AG-03-A-01	BUNGALOWS/ DET.		ANGUS
	KEPTIE ROAD			
	ARBROATH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	7		
	Survey date: TUESDAY	22/05/12		Survey Type: MANUAL
3	AN-03-A-06	SEMI-DET.		ANTRIM
	GLENMOUNT ROAD			
	NEWTOWNABBEY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	132		
	Survey date: THURSDAY	10/06/10		Survey Type: MANUAL
4	AR-03-A-01	MIXED HOUSES		ARMAGH
	BIRCHDALE MANOR			
	LURGAN			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	153		
	Survey date: TUESDAY	15/06/10		Survey Type: MANUAL
5	CA-03-A-04	DETACHED		CAMBRI DGESHI RE
	THORPE PARK ROAD			
	PETERBOROUGH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	9		
	Survey date: TUESDAY	18/10/11		Survey Type: MANUAL
6	CF-03-A-03	DETACHED		CARDIFF
	LLANTRISANT ROAD			
	CARDIFF			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	29		
	Survey date: MONDAY	08/10/07		Survey Type: MANUAL
7	CH-03-A-06	SEMI-DET./ BUNGALOWS		CHESHI RE
	CREWE ROAD			
	CREWE			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	129		
	Survey date: TUESDAY	14/10/08		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	CH-03-A-08	DETACHED		CHESHIRE
	WHITCHURCH ROAD			
	BOUGHTON HEATH			
	CHESTER			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	11		
	Survey date: TUESDAY	22/05/12		Survey Type: MANUAL
9	CS-03-A-02	DETACHED		SLIGO
	CHURCH HILL			
	SLIGO			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	35		
	Survey date: THURSDAY	14/06/07		Survey Type: MANUAL
10	CV-03-A-01	DETACHED		CAVAN
	DUBLIN ROAD			
	CAVAN			
	Edge of Town			
	No Sub Category			
	Total Number of dwellings:	37		
	Survey date: TUESDAY	18/12/12		Survey Type: MANUAL
11	CW-03-A-02	SEMI D./ DETACHED		CORNWALL
	BOSVEAN GARDENS			
	TRURO			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	73		
	Survey date: TUESDAY	18/09/07		Survey Type: MANUAL
12	DC-03-A-01	DETACHED		DORSET
	ISAACS CLOSE			
	POOLE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	51		
	Survey date: WEDNESDAY	16/07/08		Survey Type: MANUAL
13	DL-03-A-06	DETACHED		DUBLIN
	UPPER KILMACUD ROAD			
	DUNDRUM			
	DUBLIN			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	147		
	Survey date: FRIDAY	30/04/10		Survey Type: MANUAL
14	DN-03-A-02	DETACHED		DONEGAL
	GLENFIN ROAD			
	BALLYBOFEY			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	7		
	Survey date: THURSDAY	05/09/13		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	DO-03-A-03	DETACHED/ SEMI DETACHED	DOWN
	OLD MILL HEIGHTS		
	DUNDONALD		
	BELFAST		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	79	
	Survey date: WEDNESDAY	23/10/13	Survey Type: MANUAL
16	DS-03-A-01	SEMI D./ TERRACED	DERBYSHIRE
	THE AVENUE		
	HOLMESDALE		
	DRONFIELD		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Number of dwellings:	20	
	Survey date: THURSDAY	22/06/06	Survey Type: MANUAL
17	EA-03-A-01	DETACHED	EAST AYRSHIRE
	TALISKER AVENUE		
	KILMARNOCK		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	39	
	Survey date: THURSDAY	05/06/08	Survey Type: MANUAL
18	FI-03-A-03	MIXED HOUSES	FIFE
	WOODMILL ROAD		
	DUNFERMLINE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	155	
	Survey date: MONDAY	30/04/07	Survey Type: MANUAL
19	GA-03-A-01	SEMI DETACHED	GALWAY
	HEADFORD ROAD		
	KNOCKAYARRAGH		
	GALWAY		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	123	
	Survey date: WEDNESDAY	20/09/06	Survey Type: MANUAL
20	GM-03-A-10	DETACHED/ SEMI	GREATER MANCHESTER
	BUTT HILL DRIVE		
	PRESTWICH		
	MANCHESTER		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	29	
	Survey date: WEDNESDAY	12/10/11	Survey Type: MANUAL
21	HI-03-A-13	HOUSING	HIGHLAND
	KINGSMILLS ROAD		
	INVERNESS		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	9	
	Survey date: THURSDAY	21/05/09	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22	HI-03-A-14	SEMI-DETACHED		HIGHLAND
	CALEDONIAN ROAD			
	DALNEIGH			
	INVERNESS			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	73		
	Survey date: FRIDAY	13/05/11		Survey Type: MANUAL
23	KI-03-A-01	DETACHED		KINGSTON
	COOMBE RISE			
	KINGSTON UPON THAMES			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	12		
	Survey date: THURSDAY	24/06/10		Survey Type: MANUAL
24	KI-03-A-02	DETACHED		KINGSTON
	WOLSEY CLOSE			
	KINGSTON UPON THAMES			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	20		
	Survey date: THURSDAY	24/06/10		Survey Type: MANUAL
25	LN-03-A-01	MIXED HOUSES		LINCOLNSHIRE
	BRANT ROAD			
	BRACEBRIDGE			
	LINCOLN			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	150		
	Survey date: TUESDAY	15/05/07		Survey Type: MANUAL
26	LN-03-A-02	MIXED HOUSES		LINCOLNSHIRE
	HYKEHAM ROAD			
	LINCOLN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	186		
	Survey date: MONDAY	14/05/07		Survey Type: MANUAL
27	MA-03-A-01	SEMI-DET. & TERRACED		MAYO
	N26 STATION ROAD			
	BALLINA			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	74		
	Survey date: FRIDAY	15/07/11		Survey Type: MANUAL
28	MS-03-A-03	DETACHED		MERSEYSIDE
	BEMPTON ROAD			
	OTTERSPOOL			
	LIVERPOOL			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	15		
	Survey date: FRIDAY	21/06/13		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

29	NF-03-A-02	HOUSES & FLATS	NORFOLK
	DEREHAM ROAD		
	NORWICH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	98	
	Survey date: MONDAY	22/10/12	Survey Type: MANUAL
30	NY-03-A-07	DETACHED & SEMI DET.	NORTH YORKSHIRE
	CRAVEN WAY		
	BOROUGHBRIDGE		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	23	
	Survey date: TUESDAY	18/10/11	Survey Type: MANUAL
31	NY-03-A-11	PRIVATE HOUSING	NORTH YORKSHIRE
	HORSEFAIR		
	BOROUGHBRIDGE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	23	
	Survey date: WEDNESDAY	18/09/13	Survey Type: MANUAL
32	PK-03-A-01	DETAC. & BUNGALOWS	PERTH & KINROSS
	TULLYLUMB TERRACE		
	GORNHILL		
	PERTH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	36	
	Survey date: WEDNESDAY	11/05/11	Survey Type: MANUAL
33	RO-03-A-01	MIXED HOUSES	ROSCOMMON
	GALWAY ROAD		
	ROSCOMMON		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	80	
	Survey date: THURSDAY	07/05/09	Survey Type: MANUAL
34	SF-03-A-04	DETACHED & BUNGALOWS	SUFFOLK
	NORMANSTON DRIVE		
	LOWESTOFT		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	7	
	Survey date: TUESDAY	23/10/12	Survey Type: MANUAL
35	SH-03-A-03	DETACHED	SHROPSHIRE
	SOMERBY DRIVE		
	BICTON HEATH		
	SHREWSBURY		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	10	
	Survey date: FRIDAY	26/06/09	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

36	SH-03-A-04	TERRACED	SHROPSHIRE
	ST MICHAEL'S STREET		
	SHREWSBURY		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	108	
	Survey date: THURSDAY	11/06/09	Survey Type: MANUAL
37	SK-03-A-01	SEMI DET. & TERRACED	SOUTHWARK
	TIMBER POND ROAD		
	CANADA WATER		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	15	
	Survey date: THURSDAY	23/10/08	Survey Type: MANUAL
38	SR-03-A-01	DETACHED	STIRLING
	BENVUE		
	STIRLING		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	115	
	Survey date: MONDAY	23/04/07	Survey Type: MANUAL
39	TW-03-A-02	SEMI-DETACHED	TYNE & WEAR
	WEST PARK ROAD		
	GATESHEAD		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	16	
	Survey date: MONDAY	07/10/13	Survey Type: MANUAL
40	WK-03-A-01	TERRACED/ SEMI / DET.	WARWICKSHIRE
	ARLINGTON AVENUE		
	LEAMINGTON SPA		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	6	
	Survey date: FRIDAY	21/10/11	Survey Type: MANUAL
41	WL-03-A-01	SEMI D./ TERRACED W. BASSETT	WILTSHIRE
	MAPLE DRIVE		
	WOOTTON BASSETT		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	99	
	Survey date: MONDAY	02/10/06	Survey Type: MANUAL
42	WM-03-A-02	DETACHED & SEMI DET.	WEST MIDLANDS
	HEATH STREET		
	STOURBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	12	
	Survey date: WEDNESDAY	26/04/06	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

43	WM-03-A-03	MIXED HOUSING	WEST MIDLANDS
	BASELEY WAY		
	ROWLEYS GREEN		
	COVENTRY		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	84	
	Survey date: MONDAY	24/09/07	Survey Type: MANUAL
44	WO-03-A-03	DETACHED	WORCESTERSHIRE
	BLAKEBROOK		
	BLAKEBROOK		
	KIDDERMINSTER		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	138	
	Survey date: FRIDAY	05/05/06	Survey Type: MANUAL

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
AN-03-A-07	no/low large houses
AN-03-A-08	no/low large houses
BT-03-A-01	no/low large houses
CB-03-A-03	no/low large houses
CB-03-A-04	no/low large houses
CF-03-A-02	no/low large houses
CH-03-A-02	no/low large houses
CH-03-A-05	no/low large houses
DC-03-A-08	no/low large houses
DL-03-A-03	no/low large houses
DL-03-A-08	no/low large houses
DL-03-A-09	no/low large houses
ES-03-A-02	no/low large houses
EX-03-A-01	no/low large houses
FA-03-A-01	no/low large houses
FA-03-A-02	no/low large houses
GA-03-A-02	no/low large houses
GA-03-A-03	no/low large houses
HI-03-A-11	no/low large houses
KD-03-A-02	no/low large houses
KK-03-A-03	no/low large houses
KN-03-A-01	no/low large houses
LN-03-A-03	no/low large houses
NF-03-A-01	no/low large houses
NT-03-A-03	no/low large houses
NY-03-A-01	no/low large houses
NY-03-A-05	no/low large houses
NY-03-A-06	no/low large houses
NY-03-A-08	no/low large houses
NY-03-A-09	no/low large houses
NY-03-A-10	no/low large houses
RO-03-A-02	no/low large houses
SC-03-A-04	no/low large houses
SF-03-A-01	no/low large houses
SF-03-A-02	no/low large houses
SF-03-A-03	no/low large houses
SH-03-A-05	no/low large houses
ST-03-A-05	no/low large houses
SY-03-A-01	no/low large houses
WA-03-A-01	no/low large houses
WA-03-A-02	no/low large houses

MANUALLY DESELECTED SITES (Cont.)

Site Ref	Reason for Deselection
WE-03-A-01	no/low large houses
WK-03-A-02	no/low large houses
WM-03-A-01	no/low large houses
WO-03-A-02	no/low large houses

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES**Calculation factor: 1 DWELLS****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	44	62	0.076	44	62	0.293	44	62	0.369
08:00 - 09:00	44	62	0.167	44	62	0.434	44	62	0.601
09:00 - 10:00	44	62	0.162	44	62	0.251	44	62	0.413
10:00 - 11:00	44	62	0.147	44	62	0.160	44	62	0.307
11:00 - 12:00	44	62	0.179	44	62	0.185	44	62	0.364
12:00 - 13:00	44	62	0.213	44	62	0.192	44	62	0.405
13:00 - 14:00	44	62	0.224	44	62	0.207	44	62	0.431
14:00 - 15:00	44	62	0.214	44	62	0.212	44	62	0.426
15:00 - 16:00	44	62	0.257	44	62	0.218	44	62	0.475
16:00 - 17:00	44	62	0.346	44	62	0.214	44	62	0.560
17:00 - 18:00	44	62	0.430	44	62	0.262	44	62	0.692
18:00 - 19:00	44	62	0.322	44	62	0.237	44	62	0.559
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.737			2.865			5.602

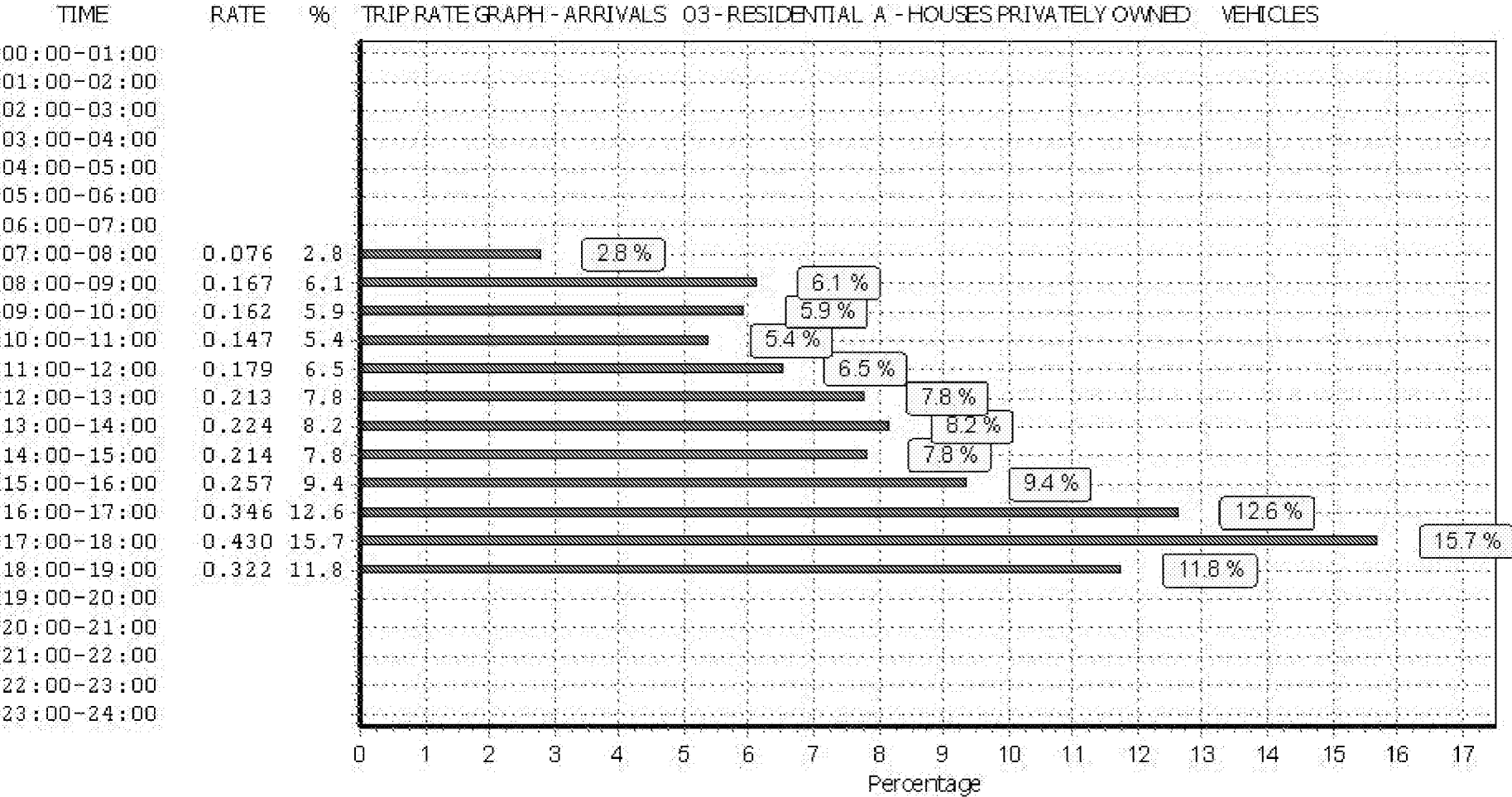
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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: $COUNT/TRP \times FACT$. Trip rates are then rounded to 3 decimal places.

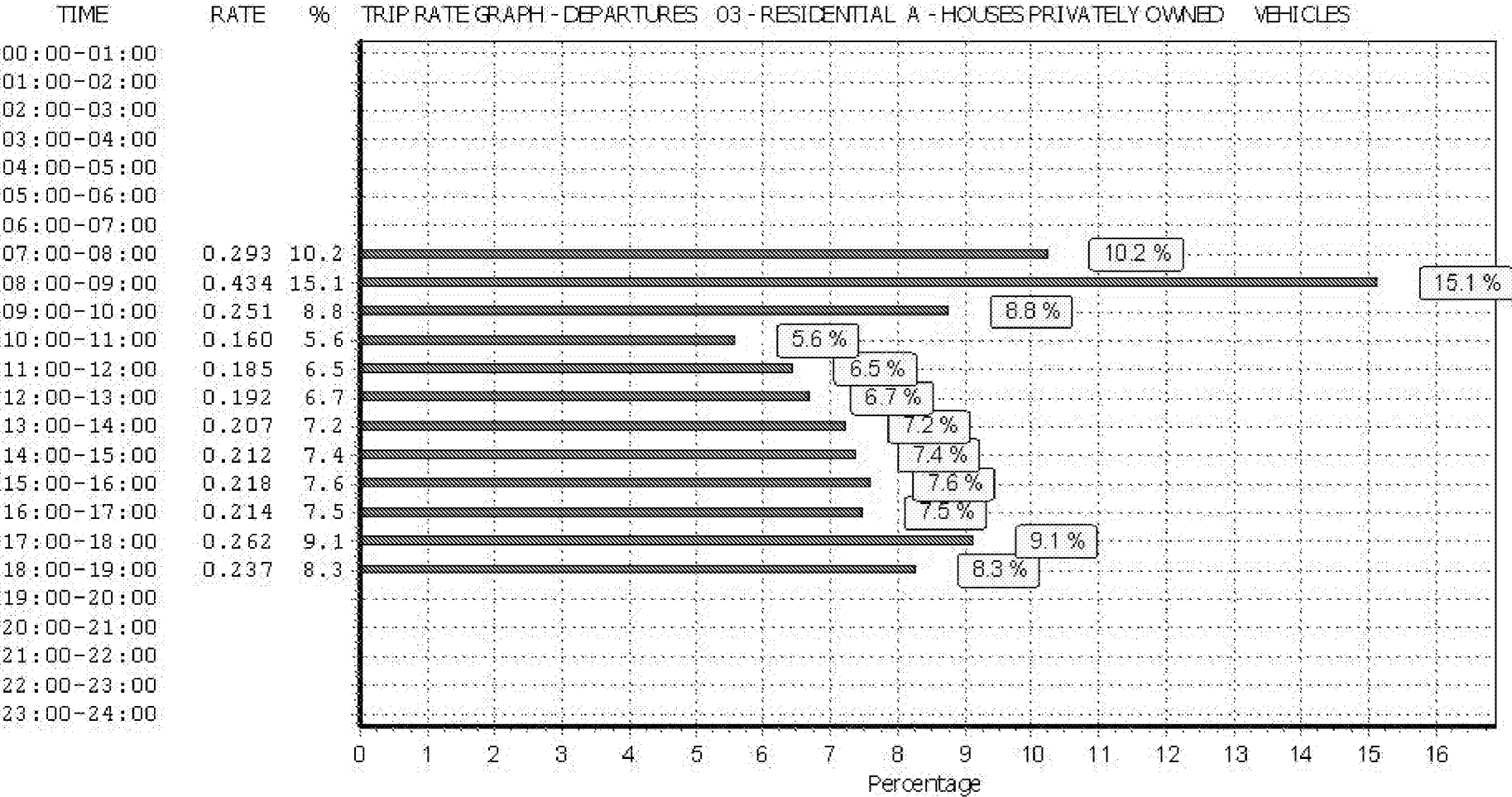
Parameter summary

Trip rate parameter range selected: 6 - 186 (units:)
 Survey date range: 01/01/06 - 20/05/14
 Number of weekdays (Monday-Friday): 44
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 46

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



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



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

Calculation Reference: AUDIT-723101-150319-0328

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

VEHICLESSelected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
04	EAST ANGLIA	
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	2 days
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NE NORTH EAST LINCOLNSHIRE	1 days
	NY NORTH YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days
10	WALES	
	CF CARDIFF	1 days
11	SCOTLAND	
	FA FALKIRK	1 days
	FI FIFE	1 days
12	CONNAUGHT	
	GA GALWAY	1 days
13	MUNSTER	
	WA WATERFORD	1 days
15	GREATER DUBLIN	
	DL DUBLIN	2 days
17	ULSTER (NORTHERN IRELAND)	
	AN ANTRIM	2 days
	AR ARMAGH	1 days

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

Filtering Stage 2 selection:

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

Parameter: Number of dwellings
 Actual Range: 101 to 437 (units:)
 Range Selected by User: 100 to 600 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 20/05/14

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	6 days
Tuesday	8 days
Wednesday	2 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	22 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)	10
Edge of Town	11
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	17
Out of Town	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.

Filtering Stage 3 selection:**Use Class:**

C3	22 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Filtering Stage 3 selection (Cont.):Population within 1 mile:

1,001 to 5,000	3 days
5,001 to 10,000	2 days
10,001 to 15,000	2 days
15,001 to 20,000	7 days
20,001 to 25,000	4 days
25,001 to 50,000	4 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
50,001 to 75,000	5 days
75,001 to 100,000	4 days
100,001 to 125,000	5 days
125,001 to 250,000	4 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:

0.6 to 1.0	8 days
1.1 to 1.5	14 days

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

Travel Plan:

No	22 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	AN-03-A-06	SEMI-DET.		ANTRIM
	GLENMOUNT ROAD			
	NEWTOWNABBEY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	132		
	Survey date: THURSDAY	10/06/10		Survey Type: MANUAL
2	AN-03-A-08	HOUSES & FLATS		ANTRIM
	BALLINDERRY ROAD			
	LISBURN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	204		
	Survey date: TUESDAY	29/10/13		Survey Type: MANUAL
3	AR-03-A-01	MIXED HOUSES		ARMAGH
	BIRCHDALE MANOR			
	LURGAN			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	153		
	Survey date: TUESDAY	15/06/10		Survey Type: MANUAL
4	CF-03-A-02	MIXED HOUSES		CARDIFF
	DROPE ROAD			
	CARDIFF			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	196		
	Survey date: FRIDAY	05/10/07		Survey Type: MANUAL
5	CH-03-A-02	HOUSES/ FLATS		CHESHIRE
	SYDNEY ROAD			
	CREWE			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	174		
	Survey date: TUESDAY	14/10/08		Survey Type: MANUAL
6	CH-03-A-06	SEMI-DET./ BUNGALOWS		CHESHIRE
	CREWE ROAD			
	CREWE			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	129		
	Survey date: TUESDAY	14/10/08		Survey Type: MANUAL
7	DL-03-A-02	SEMI DETACHED		DUBLIN
	COLLINS AVENUE			
	DUBLIN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	437		
	Survey date: MONDAY	25/06/07		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	DL-03-A-03	TERRACED/ SEMI-DET.	DUBLIN
	RAHENY ROAD		
	RAHENY		
	DUBLIN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Number of dwellings:	206	
	Survey date: TUESDAY	20/04/10	Survey Type: MANUAL
9	EX-03-A-01	SEMI-DET.	ESSEX
	MILTON ROAD		
	CORRINGHAM		
	STANFORD-LE-HOPE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	237	
	Survey date: TUESDAY	13/05/08	Survey Type: MANUAL
10	FA-03-A-02	MIXED HOUSES	FALKIRK
	ROSEBANK AVENUE & SPRINGFIELD DRIVE		
	FALKIRK		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	161	
	Survey date: WEDNESDAY	29/05/13	Survey Type: MANUAL
11	FI-03-A-03	MIXED HOUSES	FIFE
	WOODMILL ROAD		
	DUNFERMLINE		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	155	
	Survey date: MONDAY	30/04/07	Survey Type: MANUAL
12	GA-03-A-02	TERRACED	GALWAY
	BOHERMORE		
	TOWNPARKS		
	GALWAY		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	185	
	Survey date: TUESDAY	19/09/06	Survey Type: MANUAL
13	LN-03-A-01	MIXED HOUSES	LINCOLNSHIRE
	BRANT ROAD		
	BRACEBRIDGE		
	LINCOLN		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	150	
	Survey date: TUESDAY	15/05/07	Survey Type: MANUAL
14	LN-03-A-02	MIXED HOUSES	LINCOLNSHIRE
	HYKEHAM ROAD		
	LINCOLN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	186	
	Survey date: MONDAY	14/05/07	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	NE-03-A-02	SEMI DETACHED & DETACHED	NORTH EAST LINCOLNSHIRE
	HANOVER WALK		
	SCUNTHORPE		
	Edge of Town		
	No Sub Category		
	Total Number of dwellings:	432	
	Survey date: MONDAY	12/05/14	Survey Type: MANUAL
16	NT-03-A-03	SEMI DETACHED	NOTTINGHAMSHIRE
	B6018 SUTTON ROAD		
	KIRKBY-IN-ASHFIELD		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	166	
	Survey date: WEDNESDAY	28/06/06	Survey Type: MANUAL
17	NY-03-A-06	BUNGALOWS & SEMI DET.	NORTH YORKSHIRE
	HORSEFAIR		
	BOROUGHBRIDGE		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	115	
	Survey date: FRIDAY	14/10/11	Survey Type: MANUAL
18	SF-03-A-02	SEMI DET./ TERRACED	SUFFOLK
	STOKE PARK DRIVE		
	MAIDENHALL		
	IPSWICH		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	230	
	Survey date: THURSDAY	24/05/07	Survey Type: MANUAL
19	SF-03-A-03	MIXED HOUSES	SUFFOLK
	BARTON HILL		
	FORNHAM ST MARTIN		
	BURY ST EDMUNDS		
	Edge of Town		
	Out of Town		
	Total Number of dwellings:	101	
	Survey date: MONDAY	15/05/06	Survey Type: MANUAL
20	SH-03-A-04	TERRACED	SHROPSHIRE
	ST MICHAEL'S STREET		
	SHREWSBURY		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	108	
	Survey date: THURSDAY	11/06/09	Survey Type: MANUAL
21	WA-03-A-02	DETACHED	WATERFORD
	MAYPARK LANE		
	WATERFORD		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	290	
	Survey date: MONDAY	17/11/08	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22 WO-03-A-03 DETACHED WORCESTERSHIRE
 BLAKEBROOK
 BLAKEBROOK
 KIDDERMINSTER
 Suburban Area (PPS6 Out of Centre)
 Residential Zone
 Total Number of dwellings: 138
 Survey date: FRIDAY 05/05/06 Survey Type: MANUAL

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
DL-03-A-06	no representative dwellings
GA-03-A-01	no representative dwellings
SR-03-A-01	limited representative dwellings

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES**Calculation factor: 1 DWELLS****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	22	195	0.066	22	195	0.252	22	195	0.318
08:00 - 09:00	22	195	0.127	22	195	0.378	22	195	0.505
09:00 - 10:00	22	195	0.152	22	195	0.203	22	195	0.355
10:00 - 11:00	22	195	0.131	22	195	0.161	22	195	0.292
11:00 - 12:00	22	195	0.151	22	195	0.150	22	195	0.301
12:00 - 13:00	22	195	0.187	22	195	0.165	22	195	0.352
13:00 - 14:00	22	195	0.172	22	195	0.172	22	195	0.344
14:00 - 15:00	22	195	0.181	22	195	0.185	22	195	0.366
15:00 - 16:00	22	195	0.265	22	195	0.194	22	195	0.459
16:00 - 17:00	22	195	0.295	22	195	0.184	22	195	0.479
17:00 - 18:00	22	195	0.360	22	195	0.216	22	195	0.576
18:00 - 19:00	22	195	0.263	22	195	0.211	22	195	0.474
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.350			2.471			4.821

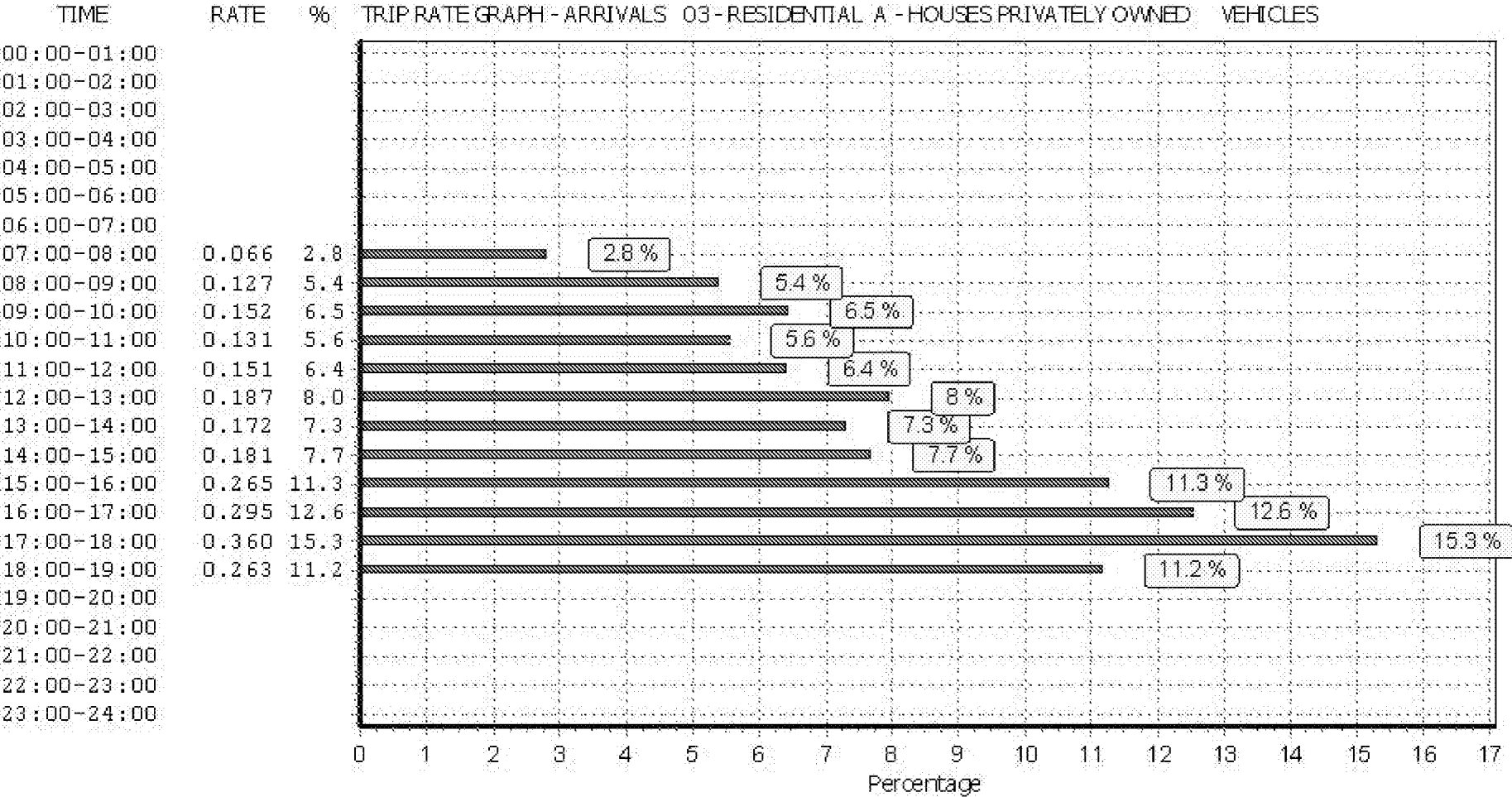
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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: $COUNT/TRP \times FACT$. Trip rates are then rounded to 3 decimal places.

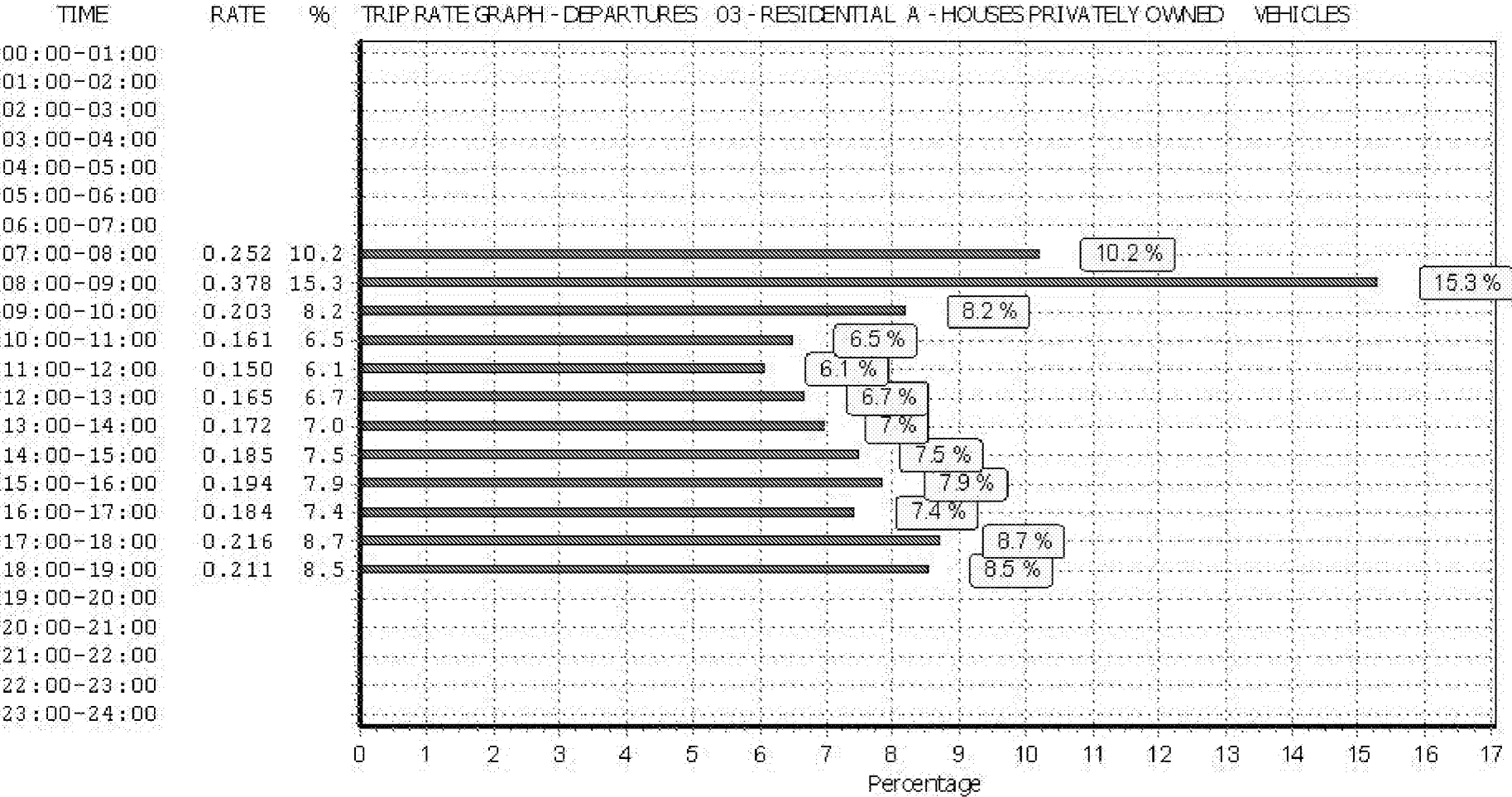
Parameter summary

Trip rate parameter range selected: 101 - 437 (units:)
 Survey date range: 01/01/06 - 20/05/14
 Number of weekdays (Monday-Friday): 22
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 3

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



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



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

Calculation Reference: AUDIT-723101-150319-0304

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : C - FLATS PRIVATELY OWNED

VEHICLESSelected regions and areas:

01	GREATER LONDON	
	CN CAMDEN	1 days
	HG HARINGEY	1 days
	IS ISLINGTON	2 days
	NH NEWHAM	1 days
	TH TOWER HAMLETS	2 days
02	SOUTH EAST	
	HC HAMPSHIRE	1 days
	HF HERTFORDSHIRE	1 days
	OX OXFORDSHIRE	1 days
	SC SURREY	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	1 days
	DC DORSET	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	NR NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	RI EAST RIDING OF YORKSHIRE	1 days
09	NORTH	
	TV TEES VALLEY	2 days
10	WALES	
	DB DENBIGHSHIRE	1 days
15	GREATER DUBLIN	
	DL DUBLIN	9 days
17	ULSTER (NORTHERN IRELAND)	
	AN ANTRIM	1 days

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

Filtering Stage 2 selection:

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

Parameter: Number of dwellings
 Actual Range: 8 to 340 (units:)
 Range Selected by User: 6 to 350 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 03/09/14

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	5 days
Tuesday	9 days
Wednesday	7 days
Thursday	5 days
Friday	5 days

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

Selected survey types:

Manual count	31 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)	25
Edge of Town	2
Neighbourhood Centre (PPS6 Local Centre)	4

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
Residential Zone	20
Built-Up Zone	3
No Sub Category	7

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

Filtering Stage 3 selection:**Use Class:**

C3	31 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Filtering Stage 3 selection (Cont.):Population within 1 mile:

1,001 to 5,000	4 days
10,001 to 15,000	6 days
15,001 to 20,000	1 days
20,001 to 25,000	2 days
25,001 to 50,000	12 days
50,001 to 100,000	5 days
101,000 or More	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
50,001 to 75,000	4 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	6 days
250,001 to 500,000	4 days
500,001 or More	14 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	5 days
0.6 to 1.0	9 days
1.1 to 1.5	16 days
1.6 to 2.0	1 days

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

Travel Plan:

No	31 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

1	AN-03-C-01	BLOCK OF FLATS		ANTRIM
	STOCKMANS WAY			
	BELFAST			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	60		
	Survey date: <i>TUESDAY</i>	25/11/08		Survey Type: <i>MANUAL</i>
2	BR-03-C-01	FLATS & TERRACED		BRISTOL CITY
	CLARENCE ROAD			
	BRISTOL			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	102		
	Survey date: <i>MONDAY</i>	09/11/09		Survey Type: <i>MANUAL</i>
3	CA-03-C-02	BLOCK OF FLATS		CAMBRIDGESHIRE
	WESTFIELD ROAD			
	NETHERTON			
	PETERBOROUGH			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	44		
	Survey date: <i>TUESDAY</i>	18/10/11		Survey Type: <i>MANUAL</i>
4	CN-03-C-01	BLOCK OF FLATS		CAMDEN
	OVAL ROAD			
	REGENTS PARK			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	12		
	Survey date: <i>FRIDAY</i>	07/11/08		Survey Type: <i>MANUAL</i>
5	DB-03-C-01	FLATS IN HOUSES		DENBIGHSHIRE
	RHYL ROAD			
	RHUDDLAN			
	Neighbourhood Centre (PPS6 Local Centre)			
	Residential Zone			
	Total Number of dwellings:	16		
	Survey date: <i>FRIDAY</i>	07/10/11		Survey Type: <i>MANUAL</i>
6	DC-03-C-02	FLATS IN BLOCKS		DORSET
	PALM COURT			
	SPA ROAD			
	WEYMOUTH			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	14		
	Survey date: <i>FRIDAY</i>	28/03/14		Survey Type: <i>MANUAL</i>
7	DL-03-C-02	BLOCKS OF FLATS		DUBLIN
	MAIN STREET			
	RATHCOOLE			
	NEAR DUBLIN			
	Edge of Town			
	Commercial Zone			
	Total Number of dwellings:	74		
	Survey date: <i>WEDNESDAY</i>	14/02/07		Survey Type: <i>MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

8	DL-03-C-05	FLATS	DUBLIN
	SOUTH CIRCULAR ROAD		
	ISLANDBRIDGE		
	DUBLIN		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	179	
	Survey date: MONDAY	25/06/07	Survey Type: MANUAL
9	DL-03-C-08	FLATS	DUBLIN
	FINGLAS ROAD		
	FINGLAS		
	DUBLIN		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	340	
	Survey date: FRIDAY	30/09/11	Survey Type: MANUAL
10	DL-03-C-09	FLATS	DUBLIN
	OLD FINGLAS ROAD		
	GLASNEVIN		
	DUBLIN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	201	
	Survey date: THURSDAY	29/09/11	Survey Type: MANUAL
11	DL-03-C-10	FLATS IN BLOCKS	DUBLIN
	MONKSTOWN VALLEY		
	MONKSTOWN		
	DUBLIN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	18	
	Survey date: MONDAY	26/09/11	Survey Type: MANUAL
12	DL-03-C-11	BLOCK OF FLATS	DUBLIN
	WYCKHAM WAY		
	DUNDRUM		
	DUBLIN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Number of dwellings:	96	
	Survey date: TUESDAY	10/09/13	Survey Type: MANUAL
13	DL-03-C-12	BLOCK OF FLATS	DUBLIN
	BOOTERSTOWN AVENUE		
	DUBLIN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	47	
	Survey date: TUESDAY	10/09/13	Survey Type: MANUAL
14	DL-03-C-13	BLOCK OF FLATS	DUBLIN
	SANDYFORD ROAD		
	DUBLIN		
	Neighbourhood Centre (PPS6 Local Centre)		
	Built-Up Zone		
	Total Number of dwellings:	52	
	Survey date: TUESDAY	10/09/13	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

15	DL-03-C-14	BLOCKS OF FLATS		DUBLIN
	BALLINTEER ROAD			
	DUNDRUM			
	DUBLIN			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	140		
	Survey date: TUESDAY	10/09/13		Survey Type: MANUAL
16	DS-03-C-01	BLOCK OF FLATS		DERBYSHIRE
	DRAKE STREET			
	LITTLE CHESTER			
	DERBY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	8		
	Survey date: THURSDAY	25/06/09		Survey Type: MANUAL
17	HC-03-C-02	FLATS		HAMPSHIRE
	WORTING ROAD			
	BASINGSTOKE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	16		
	Survey date: THURSDAY	21/10/10		Survey Type: MANUAL
18	HF-03-C-02	FLATS		HERTFORDSHIRE
	BRIDGE ROAD EAST			
	WELWYN GARDEN CITY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	86		
	Survey date: WEDNESDAY	16/07/08		Survey Type: MANUAL
19	HG-03-C-01	BLOCK OF FLATS		HARINGEY
	CHADWELL LANE			
	NEW RIVER VILLAGE			
	HORNSEY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	25		
	Survey date: TUESDAY	27/10/09		Survey Type: MANUAL
20	IS-03-C-01	FLATS		ISLINGTON
	RAMSEY WALK			
	ISLINGTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	31		
	Survey date: TUESDAY	04/11/08		Survey Type: MANUAL
21	IS-03-C-03	BLOCK OF FLATS		ISLINGTON
	FLORENCE STREET			
	ISLINGTON			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	9		
	Survey date: THURSDAY	21/11/13		Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

22	NH-03-C-01	BLOCK OF FLATS	NEWHAM
	ARTHINGWORTH STREET		
	STRATFORD		
	Neighbourhood Centre (PPS6 Local Centre)		
	Residential Zone		
	Total Number of dwellings:	12	
	Survey date: THURSDAY	14/11/13	Survey Type: MANUAL
23	NR-03-C-01	BLOCK OF FLATS	NORTHAMPTONSHIRE
	ROCKINGHAM ROAD		
	CORBY		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	20	
	Survey date: FRIDAY	21/11/08	Survey Type: MANUAL
24	OX-03-C-01	BLOCK OF FLATS	OXFORDSHIRE
	OXFORD ROAD		
	COWLEY		
	OXFORD		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	14	
	Survey date: WEDNESDAY	20/10/10	Survey Type: MANUAL
25	RI-03-C-01	FLATS	EAST RIDING OF YORKSHIRE
	465 PRIORY ROAD		
	HULL		
	Edge of Town		
	Residential Zone		
	Total Number of dwellings:	20	
	Survey date: TUESDAY	13/05/14	Survey Type: MANUAL
26	SC-03-C-02	FLATS	SURREY
	CONSTITUTION HILL		
	WOKING		
	Suburban Area (PPS6 Out of Centre)		
	Built-Up Zone		
	Total Number of dwellings:	36	
	Survey date: WEDNESDAY	23/07/08	Survey Type: MANUAL
27	ST-03-C-01	BLOCKS OF FLATS	STAFFORDSHIRE
	ETRURIA COURT		
	HUMBERT ROAD		
	STOKE-ON-TRENT		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Number of dwellings:	33	
	Survey date: WEDNESDAY	26/11/08	Survey Type: MANUAL
28	TH-03-C-02	FLATS	TOWER HAMLETS
	BURNHAM STREET		
	BETHNAL GREEN		
	Suburban Area (PPS6 Out of Centre)		
	Built-Up Zone		
	Total Number of dwellings:	24	
	Survey date: MONDAY	10/11/08	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

29	TH-03-C-03	FLATS	TOWER HAMLETS
	PALMERS ROAD		
	BETHNAL GREEN		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	69	
	Survey date: WEDNESDAY	12/11/08	Survey Type: MANUAL
30	TV-03-C-01	APARTMENTS BLOCKS	TEES VALLEY
	OXFORD ROAD		
	LINTHORPE		
	MIDDLESBROUGH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	85	
	Survey date: MONDAY	06/10/08	Survey Type: MANUAL
31	TV-03-C-02	FLATS	TEES VALLEY
	ACKLAM ROAD		
	LINTHORPE		
	MIDDLESBROUGH		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Number of dwellings:	85	
	Survey date: WEDNESDAY	29/06/11	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
DL-03-C-06	too many larger units
RD-03-C-02	too many larger units

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

VEHICLES**Calculation factor: 1 DWELLS****BOLD print indicates peak (busiest) period**

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	31	63	0.040	31	63	0.204	31	63	0.244
08:00 - 09:00	31	63	0.058	31	63	0.250	31	63	0.308
09:00 - 10:00	31	63	0.060	31	63	0.112	31	63	0.172
10:00 - 11:00	31	63	0.047	31	63	0.068	31	63	0.115
11:00 - 12:00	31	63	0.062	31	63	0.058	31	63	0.120
12:00 - 13:00	31	63	0.084	31	63	0.094	31	63	0.178
13:00 - 14:00	31	63	0.082	31	63	0.075	31	63	0.157
14:00 - 15:00	31	63	0.073	31	63	0.071	31	63	0.144
15:00 - 16:00	31	63	0.104	31	63	0.071	31	63	0.175
16:00 - 17:00	31	63	0.130	31	63	0.069	31	63	0.199
17:00 - 18:00	31	63	0.228	31	63	0.073	31	63	0.301
18:00 - 19:00	31	63	0.189	31	63	0.092	31	63	0.281
19:00 - 20:00	2	15	0.333	2	15	0.200	2	15	0.533
20:00 - 21:00	2	15	0.100	2	15	0.033	2	15	0.133
21:00 - 22:00	2	15	0.133	2	15	0.100	2	15	0.233
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.723				1.570	3.293	

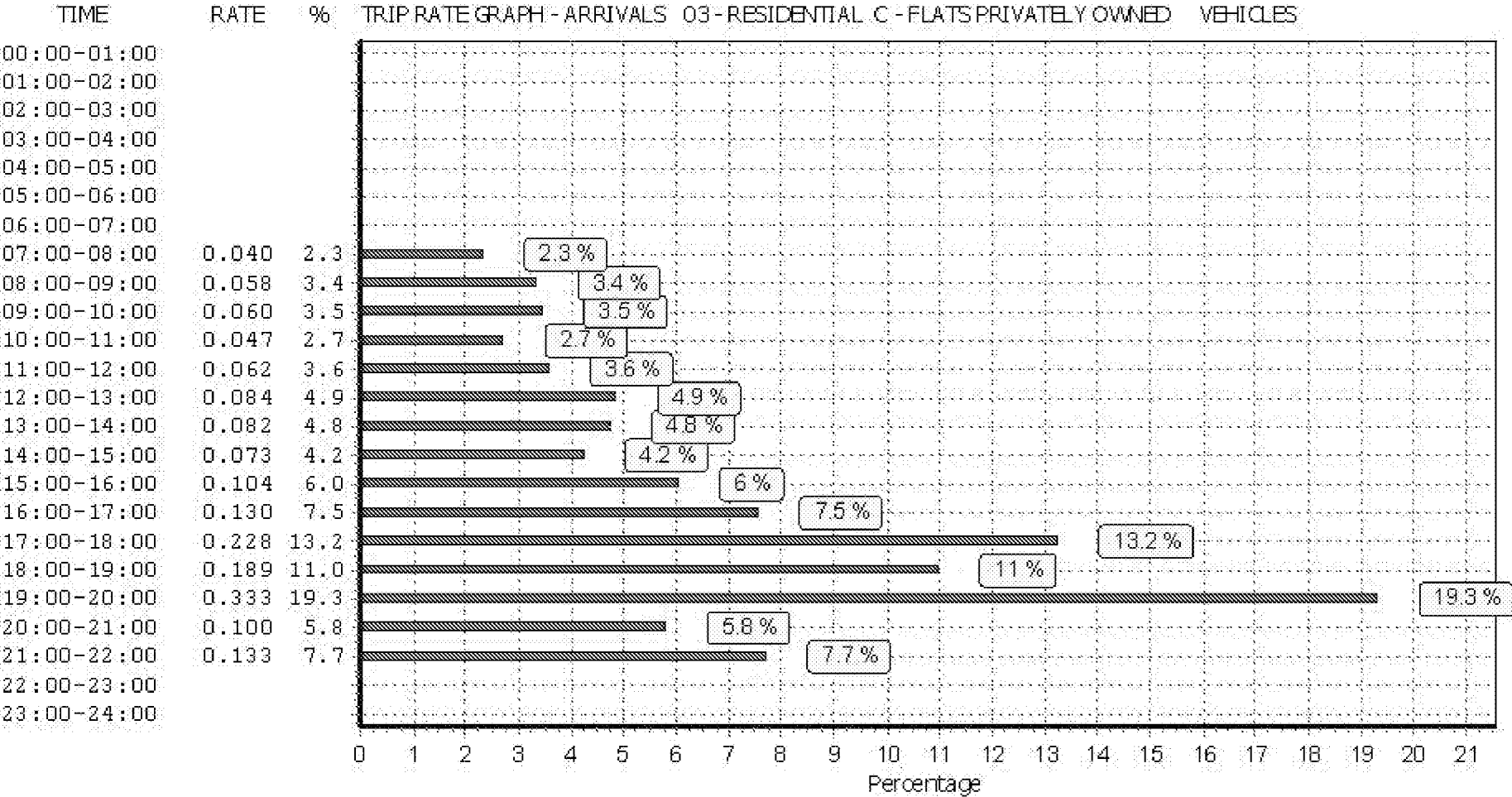
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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: $COUNT/TRP \times FACT$. Trip rates are then rounded to 3 decimal places.

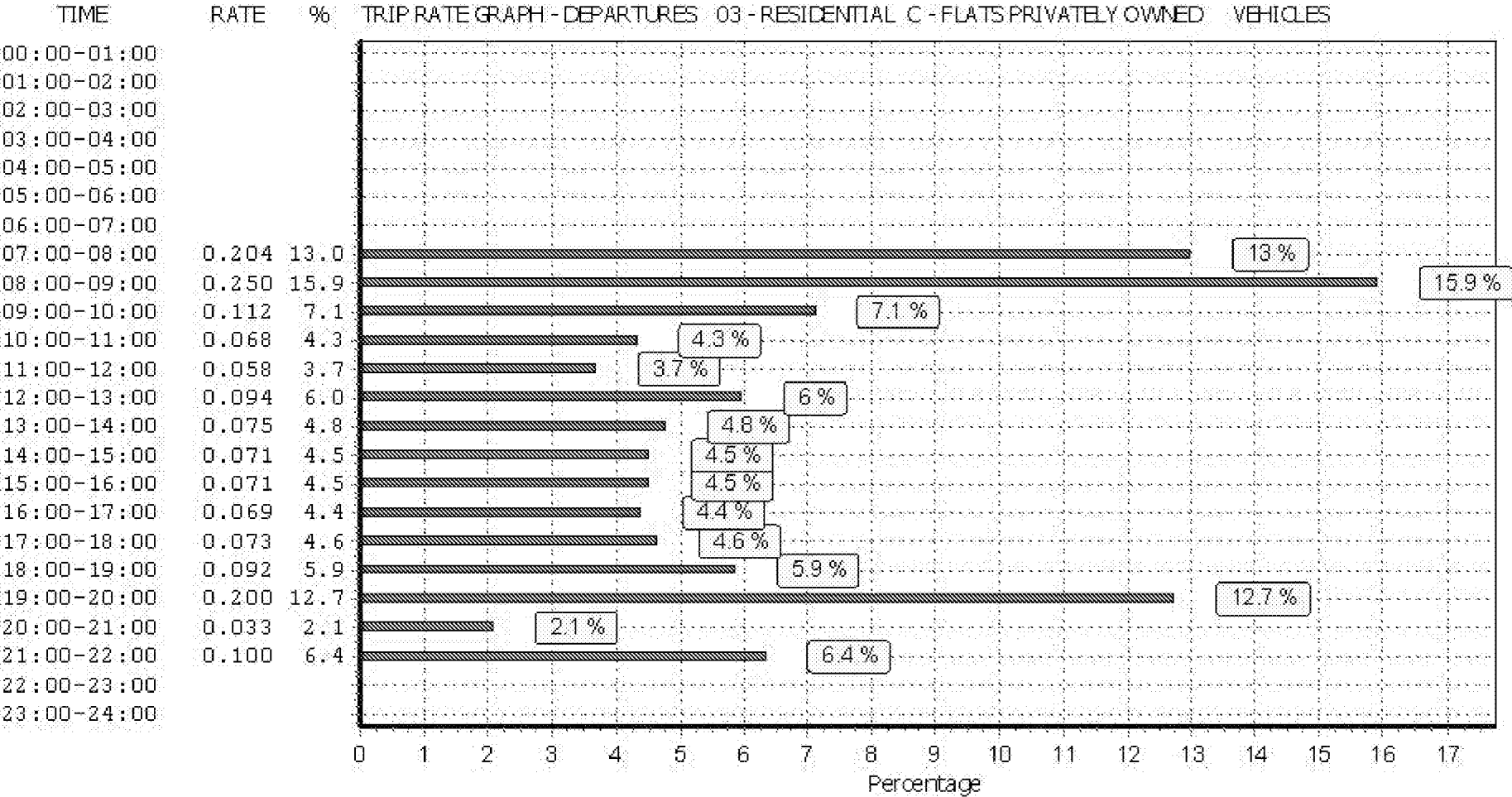
Parameter summary

Trip rate parameter range selected: 8 - 340 (units:)
 Survey date range: 01/01/06 - 03/09/14
 Number of weekdays (Monday-Friday): 31
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 3

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



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



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

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