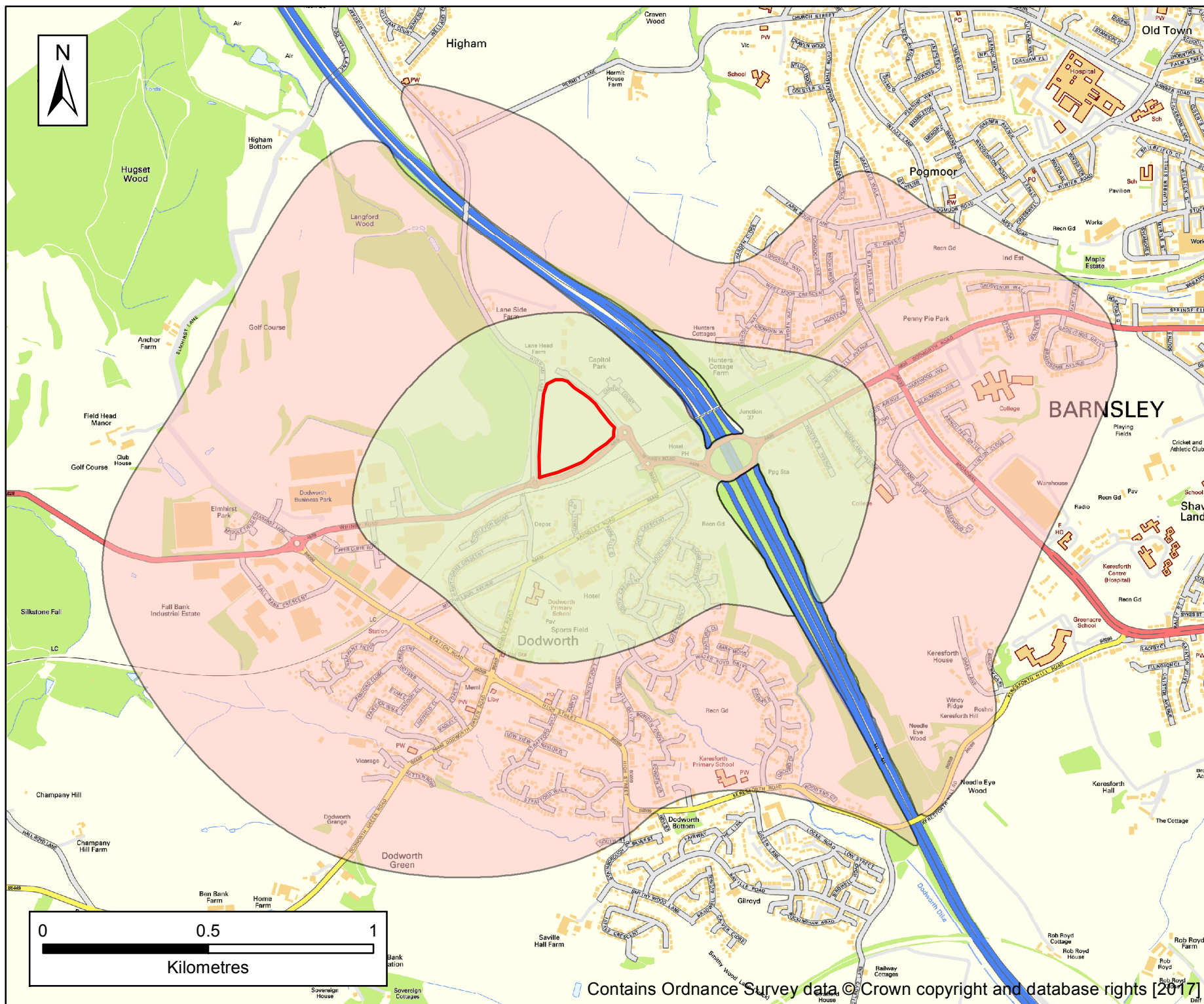




Legend

- Site Location
- 1.2km Isochrone
- 2km Isochrone

Title:

Indicative
1.2km and 2km
Walking Isochrones

Project:

Capitol Park
Barnsley

Drawn	DC	Design	DC
Checked	MR	Scale	1:15,000
Approved	SM	Date	10.07.17

Client:



AECOM

5th Floor
2 City Walk
Leeds
LS11 9AR

Tel: 0113 391 6800
Fax: 0133 391 6899
www.aecom.com

60501921-002

Appendix C – NHS Correspondence

Would you be able to provide a detailed description of the proposed operation in this building, which we understand you will want to operate 24 hours per day, 7 days per week, 52 weeks per year.

NHS Blood and Transplant (NHSBT) is a Special Health Authority, dedicated to saving and improving lives through the wide range of services we provide to the NHS.

The proposed building at Capitol Park Barnsley will operate as a Blood Establishment and is inspected and authorised by the Medicines and Healthcare products Regulatory Agency (MHRA). The site license requires NHSBT to work to the principles of Good Manufacturing Practice (GMP).

The facility will provide blood components to hospitals in Yorkshire, Derbyshire, Nottinghamshire and Lincolnshire from our Hospital Services function operating 24 hours per day, 7 days per week and 52 weeks per year.

Through the use of a Bulk Movement Vehicle, we will move samples and raw material to our Manchester Blood Centre for processing and testing.

Other operational activities on site include,

- Red Cell Immunohaematology reference laboratory providing a complex blood grouping referral service for resolution of complex cases referred from hospitals, including the provision of cross matched blood.
- A Stem Cell and Immunotherapies Laboratory which collects, processes, cryopreserves and issues stem cells and cord blood cells throughout the region.
- A Histocompatibility and Immunogenetics Laboratory which supports haematopoietic stem cell and solid organ transplant programmes for the region and beyond, plus providing immunogenetic services for a wide range of diseases.
- A Tissue and Eye retrieval team will also be based on site covering retrievals for the region.

Other services which will operate from the facility include, Transport, Clinical, Quality, IT, Finance, Communications & Marketing, Facilities and Estates and the Yorkshire Organ Donation Transplantation Team.

We will need to establish whether any jobs will be transferred from existing operations and with details of how many new jobs will be created, presumably the operation will be by shifts and it would be helpful if you could provide the anticipated time of the shifts – Monday to Friday and also Saturday and Sunday.

Would you be able to give a description of the type of jobs, and are these classed as skilled, or what would be the description along with number of office staff.

Early indications are that 80% of staff (280) will transfer to the proposed building leaving the opportunity to recruit 20% from the local population.

Operational staff work shift patterns but only Hospital Services and Transport 24 by 7. Below are the current shift patterns:-

Shift patterns Monday – Friday

6.45 – 16.15, 09.00 – 17.00, 12.00 – 21.00, 21.00 – 07.00

08.00 – 16.00, 10.00 -18.00, 12.00 – 20.00

08.00 – 16.00, 13.00 – 21.00

07.30 – 16.30, 09.00 – 18.00, 14.00 – 23.00, 21.00 – 08.00

Shift Pattern weekends

07.00 – 18.00, 11.00 – 22.00, 12.00 – 23.00, 22.00 – 09.00

08.00 – 20.00, 20.00 – 08.00, 10.00 – 18.00

Staffing

- Office staff circ 150

Skilled

- Nursing / Medical 25
- Laboratory 130
- Transport 45

Transport, we will need to prepare a fully detailed transport statement and try and obtain from you the traffic movement of cars, vans, etc. in and out of the premises along with times, and if it was feasible to try and persuade the NHS to move away from peak times to gain access to and from this property, i.e. 7.30-9.30am and 16.30-18.30pm, presumably you will be able to confirm not only the car park movements but the fleet cars (none blue), the VM vehicles, the 30 van park spaces and the 10 rapid response spaces, in order that our highway consultant can prepare a transport statement and travel plan. Will it be the same hours also on Saturdays and Sundays, and will this change.

Core hours for office staff is 10.00 – 16.00

- Shift patterns operate in Laboratories and Transport

Movement between

- 7.30 – 09.30 140 vehicles
- 16.30 – 18.30 100 vehicles

Weekend movements very small 40 per day

Appendix D TRICS Outputs

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : D - INDUSTRIAL ESTATE
 VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	KC KENT	1 days
05	EAST MIDLANDS	
	NT NOTTINGHAMSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	2 days
08	NORTH WEST	
	CH CHESHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
	TW TYNE & WEAR	1 days
11	SCOTLAND	
	FA FALKIRK	1 days
17	ULSTER (NORTHERN IRELAND)	
	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: Gross floor area
 Actual Range: 10715 to 27687 (units: sqm)
 Range Selected by User: 8250 to 33000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/06 to 20/09/13

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	1 days
Tuesday	1 days
Wednesday	3 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	11 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	3
Edge of Town	8

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

Selected Location Sub Categories:

Industrial Zone	4
Residential Zone	3
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:

B1	2 days
B2	8 days
B8	1 days

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

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	2 days
10,001 to 15,000	2 days
15,001 to 20,000	3 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	2 days
25,001 to 50,000	1 days
50,001 to 75,000	1 days
75,001 to 100,000	1 days
125,001 to 250,000	3 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	3 days

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

Travel Plan:

No	11 days
----	---------

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

LIST OF SITES relevant to selection parameters

1	AR-02-D-01	INDUSTRIAL ESTATE	ARMAGH
	HAMILTONSBAWN ROAD		
	ARMAGH		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	11548 sqm	
	Survey date: TUESDAY	08/06/10	Survey Type: MANUAL
2	CB-02-D-04	INDUSTRIAL ESTATE	CUMBRIA
	CARLISLE ROAD		
	BRAMPTON		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	17708 sqm	
	Survey date: WEDNESDAY	16/12/09	Survey Type: MANUAL
3	CH-02-D-02	INDUSTRIAL EST.	CHESHIRE
	MANCHESTER ROAD		
	WINCHAM		
	NORTHWICH		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	22000 sqm	
	Survey date: FRIDAY	15/06/07	Survey Type: MANUAL
4	EX-02-D-01	INDUSTRIAL ESTATE	ESSEX
	OAKWOOD HILL		
	LOUGHTON		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	27687 sqm	
	Survey date: THURSDAY	22/11/07	Survey Type: MANUAL
5	FA-02-D-02	INDUSTRIAL ESTATE	FALKIRK
	MAIN STREET		
	GRAHAMSTON		
	FALKIRK		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	21250 sqm	
	Survey date: THURSDAY	30/05/13	Survey Type: MANUAL
6	KC-02-D-02	INDUSTRIAL ESTATE	KENT
	SOUTHWELL ROAD		
	DEAL		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	10715 sqm	
	Survey date: WEDNESDAY	28/11/12	Survey Type: MANUAL
7	NT-02-D-01	INDUSTRIAL ESTATE	NOTTINGHAMSHIRE
	B6028 STONEYFORD ROAD		
	STANTON HILL		
	SUTTON-IN-ASHFIELD		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	26400 sqm	
	Survey date: FRIDAY	30/06/06	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

8	TW-02-D-06	INDUSTRIAL ESTATE	TYNE & WEAR
	NORHAM ROAD		
	WEST CHIRTON		
	NORTH SHIELDS		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	23000 sqm	
	Survey date: THURSDAY	19/10/06	Survey Type: MANUAL
9	WM-02-D-02	INDUSTRIAL ESTATE	WEST MIDLANDS
	DUNLOP WAY		
	BIRMINGHAM		
	Edge of Town		
	Residential Zone		
	Total Gross floor area:	23480 sqm	
	Survey date: WEDNESDAY	07/11/12	Survey Type: MANUAL
10	WY-02-D-02	INDUSTRIAL EST.	WEST YORKSHIRE
	A629 WAKEFIELD ROAD		
	TANDEM		
	HUDDERSFIELD		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	20824 sqm	
	Survey date: MONDAY	11/09/06	Survey Type: MANUAL
11	WY-02-D-03	INDUSTRIAL ESTATE	WEST YORKSHIRE
	ARMLEY ROAD		
	LEEDS		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	24980 sqm	
	Survey date: FRIDAY	20/09/13	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	11	20872	0.296	11	20872	0.106	11	20872	0.402
08:00 - 09:00	11	20872	0.380	11	20872	0.158	11	20872	0.538
09:00 - 10:00	11	20872	0.270	11	20872	0.186	11	20872	0.456
10:00 - 11:00	11	20872	0.230	11	20872	0.211	11	20872	0.441
11:00 - 12:00	11	20872	0.232	11	20872	0.244	11	20872	0.476
12:00 - 13:00	11	20872	0.221	11	20872	0.252	11	20872	0.473
13:00 - 14:00	11	20872	0.249	11	20872	0.245	11	20872	0.494
14:00 - 15:00	11	20872	0.219	11	20872	0.223	11	20872	0.442
15:00 - 16:00	11	20872	0.202	11	20872	0.250	11	20872	0.452
16:00 - 17:00	11	20872	0.169	11	20872	0.367	11	20872	0.536
17:00 - 18:00	11	20872	0.098	11	20872	0.358	11	20872	0.456
18:00 - 19:00	11	20872	0.051	11	20872	0.138	11	20872	0.189
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.617			2.738			5.355

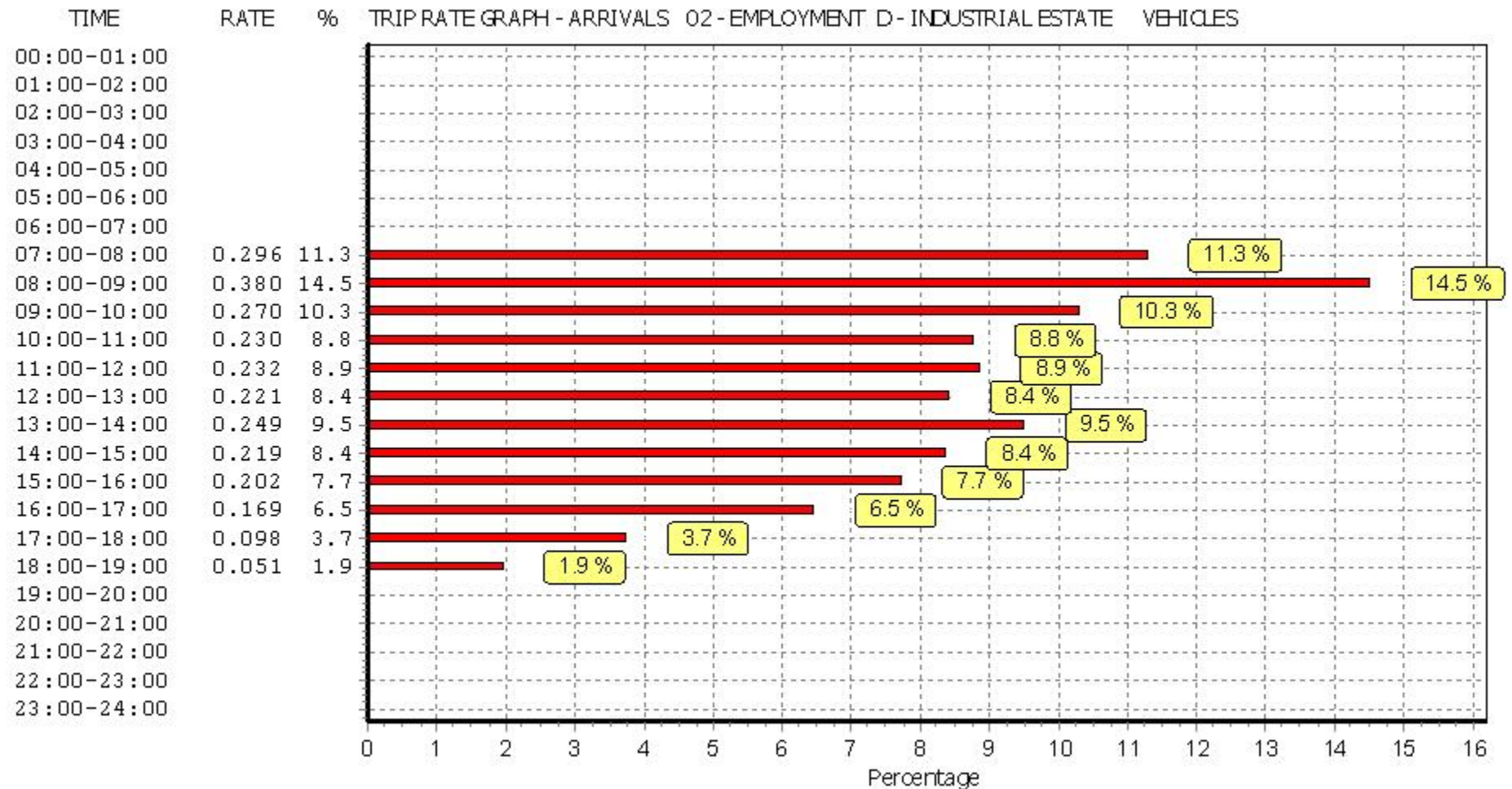
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are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

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

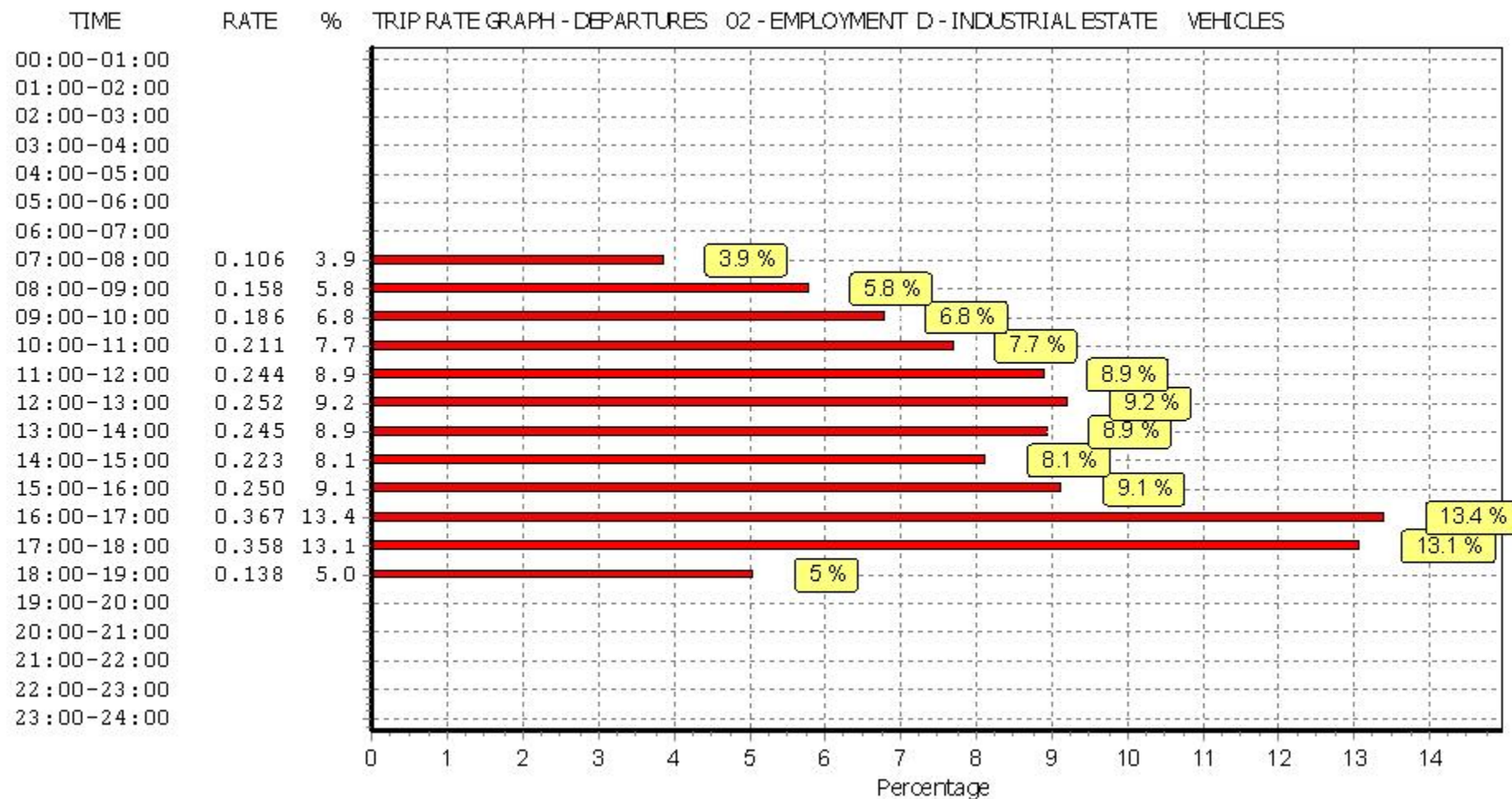
Parameter summary

Trip rate parameter range selected: 10715 - 27687 (units: sqm)
 Survey date range: 01/01/06 - 20/09/13
 Number of weekdays (Monday-Friday): 11
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 0

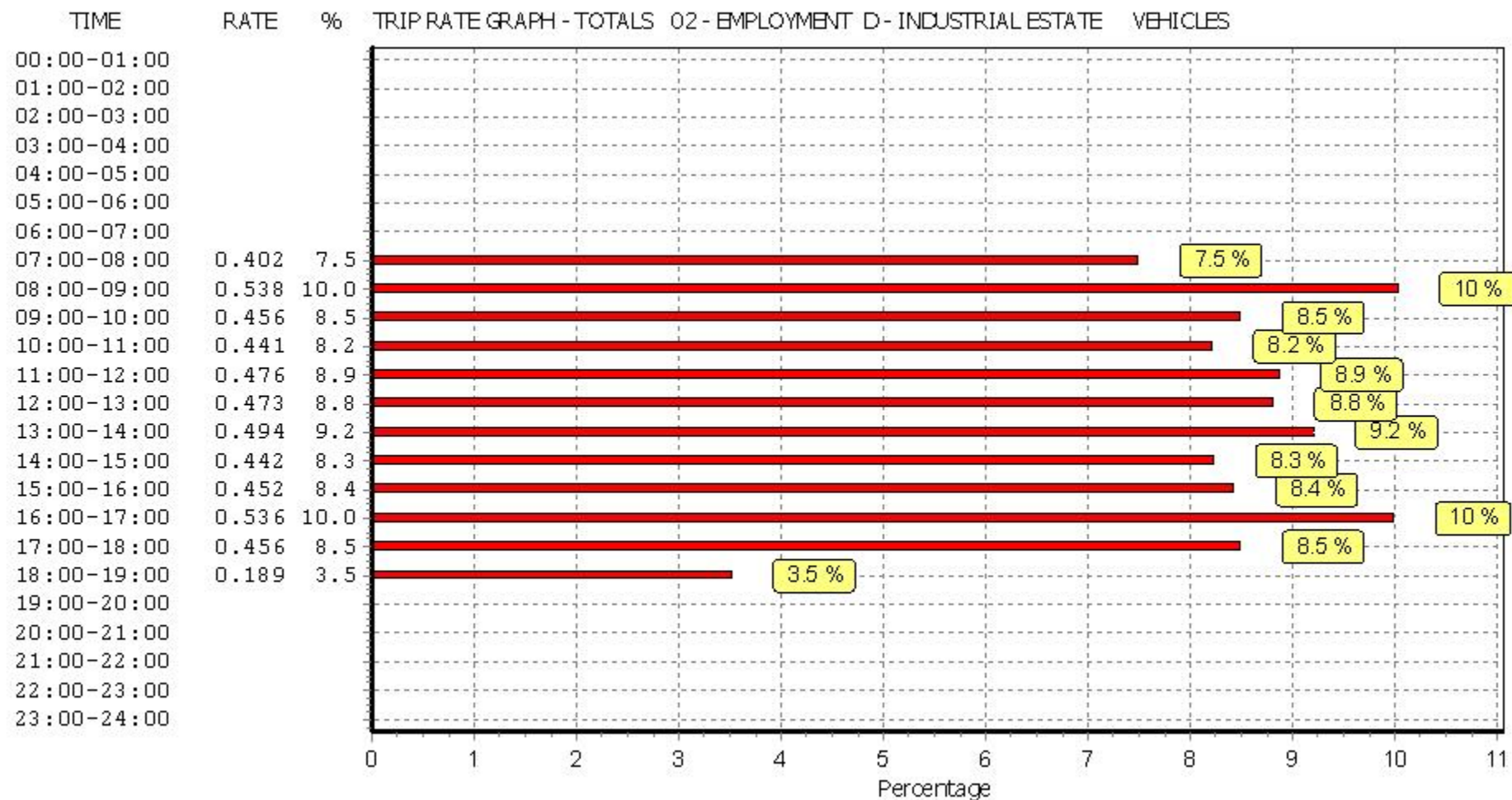
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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



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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