

Calculation Reference: AUDIT-254601-221006-1042

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	BO BEDFORD	1 days
	HC HAMPSHIRE	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	1 days
	DV DEVON	1 days
	GS GLOUCESTERSHIRE	1 days
04	EAST ANGLIA	
	NF NORFOLK	2 days
05	EAST MIDLANDS	
	DY DERBY	1 days
	NN NORTH NORTHAMPTONSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST RIDING OF YORKSHIRE	1 days
08	NORTH WEST	
	BP BLACKPOOL	1 days
	EC CHESHIRE EAST	1 days
	LC LANCASHIRE	3 days
09	NORTH	
	CB CUMBRIA	2 days
	TV TEES VALLEY	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: 150 to 4324 (units: sqm)
Range Selected by User: 150 to 5000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 21/04/22

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	1 days
Tuesday	4 days
Wednesday	2 days
Thursday	9 days
Friday	4 days

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

Selected survey types:

Manual count	20 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)	8
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:

Industrial Zone	19
Village	1

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

Secondary Filtering selection:

Use Class:

Not Known	20 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®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	2 days
5,001 to 10,000	4 days
10,001 to 15,000	4 days
15,001 to 20,000	1 days
20,001 to 25,000	4 days
25,001 to 50,000	5 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	2 days
75,001 to 100,000	2 days
100,001 to 125,000	2 days
125,001 to 250,000	9 days
250,001 to 500,000	3 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	10 days
1.1 to 1.5	10 days

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

Travel Plan:

No	20 days
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This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	20 days
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This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions	Yes	At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions
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LIST OF SITES relevant to selection parameters

1	BO-02-C-01 POSTLEY ROAD BEDFORD KEMPSTON Edge of Town Industrial Zone Total Gross floor area: 1045 sqm Survey date: THURSDAY 15/10/20	PUMPS, MOTORS & FANS	BEDFORD	Survey Type: MANUAL
2	BP-02-C-01 CHORLEY ROAD BLACKPOOL LITTLE CARLETON Edge of Town Industrial Zone Total Gross floor area: 1010 sqm Survey date: THURSDAY 20/06/19	POWDER COATINGS	BLACKPOOL	Survey Type: MANUAL
3	BR-02-C-02 SOUTH LIBERTY LANE BRISTOL Edge of Town Industrial Zone Total Gross floor area: 1475 sqm Survey date: TUESDAY 22/09/15	STAINLESS FITTINGS	BRISTOL CITY	Survey Type: MANUAL
4	CB-02-C-01 COWPER ROAD PENRITH GILWILLY IND. ESTATE Edge of Town Industrial Zone Total Gross floor area: 2950 sqm Survey date: TUESDAY 10/06/14	DOMINO'S PIZZA	CUMBRIA	Survey Type: MANUAL
5	CB-02-C-02 BLACKDYKE ROAD CARLISLE KINGSTOWN IND. ESTATE Edge of Town Industrial Zone Total Gross floor area: 715 sqm Survey date: FRIDAY 15/10/21	STEEL FABRICATION	CUMBRIA	Survey Type: MANUAL
6	DV-02-C-02 GRACE ROAD SOUTH EXETER MARSH BARTON TRAD. EST. Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 3513 sqm Survey date: THURSDAY 06/07/17	ENERGY RECOVERY FACILITY	DEVON	Survey Type: MANUAL
7	DY-02-C-01 PONTEFRAC STREET DERBY Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 2600 sqm Survey date: THURSDAY 25/06/15	ENGINEERED PRODUCTS	DERBY	Survey Type: MANUAL
8	EC-02-C-02 CHARTER WAY MACCLESFIELD HURDSFIELD Edge of Town Industrial Zone Total Gross floor area: 3200 sqm Survey date: FRIDAY 07/05/21	FABRICS MANUFACTURE	CHESHIRE EAST	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	GS-02-C-02 DAVY WAY GLOUCESTER HARDWICKE Edge of Town Industrial Zone Total Gross floor area: 1630 sqm Survey date: FRIDAY 23/04/21	MARINE ENGINE PRODUCTION	GLOUCESTERSHIRE	Survey Type: MANUAL
10	HC-02-C-01 JAYS CLOSE BASINGSTOKE Edge of Town Industrial Zone Total Gross floor area: 3000 sqm Survey date: THURSDAY 16/06/16	ENGINEERING COMPANY	HAMPSHIRE	Survey Type: MANUAL
11	LC-02-C-03 GOLDEN HILL LANE LEYLAND Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 150 sqm Survey date: TUESDAY 06/11/18	TIMBER SUPPLIES	LANCASHIRE	Survey Type: MANUAL
12	LC-02-C-05 FURNESS DRIVE POULTON-LE-FYLDE Edge of Town Industrial Zone Total Gross floor area: 775 sqm Survey date: WEDNESDAY 30/06/21	NUTRITION MANUFACTURE	LANCASHIRE	Survey Type: MANUAL
13	LC-02-C-06 TOLLGATE ROAD BURSCOUGH Edge of Town Industrial Zone Total Gross floor area: 700 sqm Survey date: THURSDAY 21/04/22	STEEL FABRICATION	LANCASHIRE	Survey Type: MANUAL
14	NF-02-C-03 ELVIN WAY NORWICH HELLESDON Edge of Town Industrial Zone Total Gross floor area: 260 sqm Survey date: THURSDAY 07/11/19	SHEET METAL CONTRACTOR	NORFOLK	Survey Type: MANUAL
15	NF-02-C-04 FLETCHER WAY NORWICH UPPER HELLESDON Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 690 sqm Survey date: THURSDAY 14/11/19	EXHIBITION DESIGN & MANUF.	NORFOLK	Survey Type: MANUAL
16	NN-02-C-01 TREVITHICK ROAD CORBY Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 702 sqm Survey date: THURSDAY 22/10/20	RENEWABLE ENGINEERING	NORTH NORTHAMPTONSHIRE	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

17	TV-02-C-02	FLUID ENGINEERING	TEES VALLEY
	PARKVIEW ROAD WEST		
	HARTLEPOOL		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	1050 sqm	
	Survey date: FRIDAY	04/09/20	Survey Type: MANUAL
18	WM-02-C-04	FOUNDRY	WEST MIDLANDS
	STOURVALE ROAD		
	STOURBRIDGE		
	LYE		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	4324 sqm	
	Survey date: TUESDAY	21/11/17	Survey Type: MANUAL
19	WM-02-C-05	INDIAN CATERING	WEST MIDLANDS
	ICKNIELD STREET		
	BIRMINGHAM		
	HOCKLEY		
	Suburban Area (PPS6 Out of Centre)		
	Industrial Zone		
	Total Gross floor area:	256 sqm	
	Survey date: MONDAY	22/11/21	Survey Type: MANUAL
20	WY-02-C-03	COMPUTER MANUFACTURER	WEST RIDING OF YORKSHIRE
	INMOOR ROAD		
	NEAR BRADFORD		
	BIRKENSRAW		
	Neighbourhood Centre (PPS6 Local Centre)		
	Village		
	Total Gross floor area:	1890 sqm	
	Survey date: WEDNESDAY	10/10/18	Survey Type: MANUAL

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

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT
TOTAL VEHICLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	5	1719	0.000	5	1719	0.000	5	1719	0.000
05:30 - 06:00	5	1719	0.047	5	1719	0.000	5	1719	0.047
06:00 - 06:30	6	1705	0.029	6	1705	0.029	6	1705	0.058
06:30 - 07:00	6	1705	0.127	6	1705	0.020	6	1705	0.147
07:00 - 07:30	18	1655	0.111	18	1655	0.023	18	1655	0.134
07:30 - 08:00	18	1655	0.248	18	1655	0.057	18	1655	0.305
08:00 - 08:30	19	1667	0.208	19	1667	0.057	19	1667	0.265
08:30 - 09:00	19	1667	0.309	19	1667	0.085	19	1667	0.394
09:00 - 09:30	20	1597	0.172	20	1597	0.088	20	1597	0.260
09:30 - 10:00	20	1597	0.169	20	1597	0.153	20	1597	0.322
10:00 - 10:30	20	1597	0.150	20	1597	0.097	20	1597	0.247
10:30 - 11:00	20	1597	0.128	20	1597	0.138	20	1597	0.266
11:00 - 11:30	20	1597	0.119	20	1597	0.116	20	1597	0.235
11:30 - 12:00	20	1597	0.106	20	1597	0.110	20	1597	0.216
12:00 - 12:30	20	1597	0.163	20	1597	0.157	20	1597	0.320
12:30 - 13:00	20	1597	0.125	20	1597	0.153	20	1597	0.278
13:00 - 13:30	20	1597	0.153	20	1597	0.172	20	1597	0.325
13:30 - 14:00	20	1597	0.110	20	1597	0.132	20	1597	0.242
14:00 - 14:30	20	1597	0.138	20	1597	0.110	20	1597	0.248
14:30 - 15:00	20	1597	0.113	20	1597	0.147	20	1597	0.260
15:00 - 15:30	20	1597	0.094	20	1597	0.141	20	1597	0.235
15:30 - 16:00	20	1597	0.088	20	1597	0.141	20	1597	0.229
16:00 - 16:30	20	1597	0.103	20	1597	0.185	20	1597	0.288
16:30 - 17:00	20	1597	0.050	20	1597	0.207	20	1597	0.257
17:00 - 17:30	20	1597	0.050	20	1597	0.197	20	1597	0.247
17:30 - 18:00	20	1597	0.044	20	1597	0.144	20	1597	0.188
18:00 - 18:30	20	1597	0.025	20	1597	0.128	20	1597	0.153
18:30 - 19:00	20	1597	0.016	20	1597	0.059	20	1597	0.075
19:00 - 19:30	6	1476	0.079	6	1476	0.068	6	1476	0.147
19:30 - 20:00	6	1476	0.011	6	1476	0.056	6	1476	0.067
20:00 - 20:30	5	1719	0.012	5	1719	0.023	5	1719	0.035
20:30 - 21:00	5	1719	0.023	5	1719	0.047	5	1719	0.070
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			3.320			3.240			6.560

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

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

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Parameter summary

Trip rate parameter range selected:	150 - 4324 (units: sqm)
Survey date date range:	01/01/14 - 21/04/22
Number of weekdays (Monday-Friday):	20
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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