



Audit Code: 8de1c536-ac95-47dc-8d0b-e4c91fea6c7f

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 02 - EMPLOYMENT

Category: D - INDUSTRIAL ESTATE

Selected Vehicle Type: Total Vehicles

Selected regions and areas:

02	SOUTH EAST		
	EX	ESSEX	1 day
03	SOUTH WEST		
	SM	SOMERSET	1 day
05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	4 days
06	WEST MIDLANDS		
	WK	WARWICKSHIRE	2 days
	WO	WORCESTERSHIRE	1 day
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	NY	NORTH YORKSHIRE	2 days
10	WALES		
	VG	VALE OF GLAMORGAN	1 day
11	SCOTLAND		
	AG	ANGUS	1 day
	HI	HIGHLAND	1 day

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



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Primary Filtering Selection:

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

Parameter:	GFA
Actual Range:	1138 to 90535 (units:sqm)
Range Selected by User:	1138 to 100000 (units:sqm)
Parking Spaces Range:	18 - 2130

Public Transport Provision:

Selection by:	All Surveys Included
Date Range:	31/01/14 to 08/10/24

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

Selected survey days:

Friday	3 days
Monday	2 days
Thursday	3 days
Tuesday	4 days
Wednesday	2 days

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

Selected survey types:

Manual count	14
Direction ATC Count	0

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

Selected Locations:

Edge of Town	13 days
Free Standing	1 days

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	6 days
No Sub Category	4 days
Out of Town	3 days
Residential Zone	1 days

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

Inclusion of Servicing Vehicle Counts:

Servicing vehicles Included	7 days
Servicing vehicles Unknown	7 days



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Secondary Filtering Selection:

Use Class:

Not Known	14 surveys
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

0 - 11500

Population within 1 mile:

1,000 or Less	1 surveys
1,001 to 5,000	1 surveys
10,001 to 15,000	4 surveys
15,001 to 20,000	1 surveys
20,001 to 25,000	1 surveys
5,001 to 10,000	6 surveys

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

Population within 5 miles:

100,001 to 125,000	2 surveys
25,001 to 50,000	3 surveys
5,001 to 25,000	5 surveys
50,001 to 75,000	2 surveys
75,001 to 100,000	2 surveys

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	7 surveys
1.1 to 1.5	7 surveys

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.



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Petrol filling station:

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	14 surveys
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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	14 surveys
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This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

COVID-19 Restrictions:

No



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LIST OF SITES relevant to selection parameters:

Site 1:	AG-02-D-02	Site area:	30.06999969482422 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	78500 sqm
Location:	ARBROATH	Parking Spaces:	1270.00
Postcode:	DD11 2NJ	Number of employees:	875.00
Main Location Type:	Edge of Town	Survey Date:	25/04/2017
Sub Location Type:	No Sub Category	Survey Day:	Tuesday
PTAL:	n/a		
Site 2:	EX-02-D-04	Site area:	7.849999904632568 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	37130 sqm
Location:	WITHAM	Parking Spaces:	455.00
Postcode:	CM8 3SX	Number of employees:	850.00
Main Location Type:	Edge of Town	Survey Date:	10/05/2018
Sub Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 3:	HI-02-D-04	Site area:	15.680000305175781 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	17000 sqm
Location:	NAIRN	Parking Spaces:	380.00
Postcode:	IV12 5QW	Number of employees:	365.00
Main Location Type:	Edge of Town	Survey Date:	18/04/2023
Sub Location Type:	No Sub Category	Survey Day:	Tuesday
PTAL:	n/a		
Site 4:	LN-02-D-04	Site area:	0.3499999940395355 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	1506 sqm
Location:	LOUTH	Parking Spaces:	50.00
Postcode:	LN11 0UZ	Number of employees:	21.00
Main Location Type:	Edge of Town	Survey Date:	
Sub Location Type:	Industrial Zone	Survey Day:	
PTAL:	n/a		
Site 5:	LN-02-D-05	Site area:	0.550000011920929 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	2176 sqm
Location:	LOUTH	Parking Spaces:	63.00
Postcode:	LN11 0YP	Number of employees:	33.00
Main Location Type:	Edge of Town	Survey Date:	18/04/2024
Sub Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	n/a		
Site 6:	LN-02-D-06	Site area:	0.2800000011920929 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	1470 sqm
Location:	LOUTH	Parking Spaces:	37.00
Postcode:	LN11 0ZR	Number of employees:	31.00
Main Location Type:	Edge of Town	Survey Date:	30/04/2024
Sub Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site 7:	LN-02-D-07	Site area:	1.899999976158142 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	10438 sqm
Location:	GRANTHAM	Parking Spaces:	79.00
Postcode:	NG31 7XQ	Number of employees:	30.00
Main Location Type:	Edge of Town	Survey Date:	26/04/2024
Sub Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a		
Site 8:	NY-02-D-03	Site area:	11.149999618530273 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	35183 sqm
Location:	RICHMOND	Parking Spaces:	556.00
Postcode:	DL10 4TG	Number of employees:	
Main Location Type:	Edge of Town	Survey Date:	05/05/2022
Sub Location Type:	Out of Town	Survey Day:	Thursday
PTAL:	n/a		



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Site 9:	NY-02-D-04	Site area:	0.8399999737739563 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	1660 sqm
Location:	KNARESBOROUGH	Parking Spaces:	163.00
Postcode:	HG5 8FA	Number of employees:	54.00
Main Location Type:	Edge of Town	Survey Date:	30/06/2023
Sub Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	n/a		
Site 10:	SM-02-D-01	Site area:	3.799999952316284 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	12000 sqm
Location:	YEOVIL	Parking Spaces:	200.00
Postcode:	BA22 7LH	Number of employees:	220.00
Main Location Type:	Free Standing	Survey Date:	03/04/2019
Sub Location Type:	Out of Town	Survey Day:	Wednesday
PTAL:	n/a		
Site 11:	VG-02-D-01	Site area:	1.9630000591278076 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	13091 sqm
Location:	BARRY	Parking Spaces:	153.00
Postcode:	CF63 2YZ	Number of employees:	180.00
Main Location Type:	Edge of Town	Survey Date:	
Sub Location Type:	No Sub Category	Survey Day:	
PTAL:	n/a		
Site 12:	WK-02-D-02	Site area:	25 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	90535 sqm
Location:	RUGBY	Parking Spaces:	1873.00
Postcode:	CV23 0WE	Number of employees:	1665.00
Main Location Type:	Edge of Town	Survey Date:	27/06/2018
Sub Location Type:	Industrial Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site 13:	WK-02-D-04	Site area:	4.860000133514404 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	17500 sqm
Location:	ATHERSTONE	Parking Spaces:	349.00
Postcode:	CV9 2QX	Number of employees:	250.00
Main Location Type:	Edge of Town	Survey Date:	27/09/2019
Sub Location Type:	No Sub Category	Survey Day:	Friday
PTAL:	n/a		
Site 14:	WO-02-D-03	Site area:	27 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	84575 sqm
Location:	EVEHAM	Parking Spaces:	1744.00
Postcode:	WR11 1GR	Number of employees:	1499.00
Main Location Type:	Edge of Town	Survey Date:	26/06/2018
Sub Location Type:	Out of Town	Survey Day:	Tuesday
PTAL:	n/a		

DESELECTED SURVEYS

Site Ref	Survey Date	Reason for Deselection
HO-02-D-01	25-06-2015	London



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

Total Vehicles

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	8	10867	0.076	0.021	0.097
06:00-07:00	8	10867	0.150	0.072	0.222
07:00-08:00	14	28769	0.347	0.115	0.462
08:00-09:00	14	28769	0.467	0.166	0.633
09:00-10:00	14	28769	0.325	0.199	0.524
10:00-11:00	14	28769	0.241	0.209	0.450
11:00-12:00	14	28769	0.240	0.220	0.460
12:00-13:00	14	28769	0.240	0.282	0.522
13:00-14:00	14	28769	0.301	0.258	0.559
14:00-15:00	14	28769	0.220	0.299	0.519
15:00-16:00	14	28769	0.191	0.299	0.490
16:00-17:00	14	28769	0.184	0.369	0.553
17:00-18:00	14	28769	0.124	0.417	0.541
18:00-19:00	14	28769	0.091	0.162	0.253
19:00-20:00	8	10867	0.072	0.098	0.170
20:00-21:00	8	10867	0.031	0.047	0.078
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			3.300	3.233	6.533

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:	1138 - 100000 (units: sqm)
Survey date date range:	25/04/2017 - 30/04/2024
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	6
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.



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

Total People

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	8	10867	0.091	0.022	0.113
06:00-07:00	8	10867	0.177	0.072	0.249
07:00-08:00	14	28769	0.511	0.145	0.656
08:00-09:00	14	28769	0.674	0.207	0.881
09:00-10:00	14	28769	0.454	0.243	0.697
10:00-11:00	14	28769	0.322	0.267	0.589
11:00-12:00	14	28769	0.311	0.290	0.601
12:00-13:00	14	28769	0.343	0.393	0.736
13:00-14:00	14	28769	0.436	0.367	0.803
14:00-15:00	14	28769	0.315	0.462	0.777
15:00-16:00	14	28769	0.258	0.454	0.712
16:00-17:00	14	28769	0.255	0.515	0.770
17:00-18:00	14	28769	0.185	0.643	0.828
18:00-19:00	14	28769	0.148	0.261	0.409
19:00-20:00	8	10867	0.082	0.145	0.227
20:00-21:00	8	10867	0.039	0.058	0.097
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			4.601	4.544	9.145

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Parameter Summary:

Trip rate parameter range selected:	1138 - 100000 (units: sqm)
Survey date date range:	25/04/2017 - 30/04/2024
Number of weekdays (Monday-Friday):	14
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	6
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.