

Calculation Reference: AUDIT-254601-221006-1019

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
03	SOUTH WEST	
	DV DEVON	1 days
04	EAST ANGLIA	
	PB PETERBOROUGH	1 days
	SF SUFFOLK	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
	WO WORCESTERSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	SY SOUTH RIDING OF YORKSHIRE	1 days
	WY WEST RIDING OF YORKSHIRE	3 days
08	NORTH WEST	
	GM GREATER MANCHESTER	1 days
	LC LANCASHIRE	2 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: 1138 to 4876 (units: sqm)
Range Selected by User: 708 to 5000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/14 to 17/09/20

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

Selected survey days:

Monday	3 days
Tuesday	4 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	13 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:

Town Centre	1
Suburban Area (PPS6 Out of Centre)	4
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	5
Commercial Zone	1
Development Zone	1
Residential Zone	2

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 13 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®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	1 days
5,001 to 10,000	1 days
10,001 to 15,000	2 days
15,001 to 20,000	2 days
20,001 to 25,000	1 days
25,001 to 50,000	6 days

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

Population within 5 miles:

75,001 to 100,000	1 days
125,001 to 250,000	9 days
250,001 to 500,000	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	7 days
1.1 to 1.5	4 days
1.6 to 2.0	2 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 13 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.

PTAL Rating:

No PTAL Present 13 days

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	DV-02-D-07	INDUSTRIAL ESTATE	DEVON
	BITTERN ROAD		
	EXETER		
	SOWTON IND. ESTATE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	3600 sqm	
	Survey date: MONDAY	03/07/17	Survey Type: MANUAL
2	EX-02-D-03	INDUSTRIAL ESTATE	ESSEX
	WYNCOLLS ROAD		
	COLCHESTER		
	SEVERALLS INDUSTRIAL PK		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4876 sqm	
	Survey date: FRIDAY	18/05/18	Survey Type: MANUAL
3	GM-02-D-07	BUSINESS PARK	GREATER MANCHESTER
	VULCAN STREET		
	OLDHAM		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	4400 sqm	
	Survey date: THURSDAY	22/10/15	Survey Type: MANUAL
4	LC-02-D-07	INDUSTRIAL ESTATE	LANCASHIRE
	CHAIN CAUL WAY		
	PRESTON		
	ASHTON-ON-RIBBLE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4700 sqm	
	Survey date: FRIDAY	17/11/17	Survey Type: MANUAL
5	LC-02-D-08	INDUSTRIAL ESTATE	LANCASHIRE
	NOOK LANE		
	BAMBER BRIDGE		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4000 sqm	
	Survey date: TUESDAY	06/11/18	Survey Type: MANUAL
6	PB-02-D-03	INDUSTRIAL ESTATE	PETERBOROUGH
	LINCOLN ROAD		
	PETERBOROUGH		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Gross floor area:	4133 sqm	
	Survey date: TUESDAY	02/12/14	Survey Type: MANUAL
7	SF-02-D-03	INDUSTRIAL ESTATE	SUFFOLK
	LANDSEER ROAD		
	IPSWICH		
	Suburban Area (PPS6 Out of Centre)		
	No Sub Category		
	Total Gross floor area:	3550 sqm	
	Survey date: THURSDAY	17/09/20	Survey Type: MANUAL
8	SY-02-D-03	INDUSTRIAL ESTATE	SOUTH RIDING OF YORKSHIRE
	CLIFF STREET		
	MEXBOROUGH		
	Town Centre		
	No Sub Category		
	Total Gross floor area:	2765 sqm	
	Survey date: THURSDAY	10/09/20	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

9	WM-02-D-03	INDUSTRIAL ESTATE	WEST MIDLANDS
	JUNCTION ROAD		
	STOURBRIDGE		
	AUDNAM		
	Suburban Area (PPS6 Out of Centre)		
	Residential Zone		
	Total Gross floor area:	1138 sqm	
	Survey date: TUESDAY	28/11/17	Survey Type: MANUAL
10	WO-02-D-01	INDUSTRIAL ESTATE	WORCESTERSHIRE
	SANDY LANE		
	STOURPORT-ON-SEVERN		
	Edge of Town		
	Commercial Zone		
	Total Gross floor area:	2758 sqm	
	Survey date: FRIDAY	23/05/14	Survey Type: MANUAL
11	WY-02-D-05	INDUSTRIAL ESTATE	WEST RIDING OF YORKSHIRE
	CARR WOOD ROAD		
	CASTLEFORD		
	Edge of Town		
	Development Zone		
	Total Gross floor area:	1776 sqm	
	Survey date: MONDAY	22/05/17	Survey Type: MANUAL
12	WY-02-D-06	INDUSTRIAL ESTATE (PART)	WEST RIDING OF YORKSHIRE
	PIONEER WAY		
	CASTLEFORD		
	Edge of Town		
	Industrial Zone		
	Total Gross floor area:	4328 sqm	
	Survey date: TUESDAY	23/05/17	Survey Type: MANUAL
13	WY-02-D-07	INDUSTRIAL ESTATE	WEST RIDING OF YORKSHIRE
	THUNDERHEAD RIDGE RD		
	CASTLEFORD		
	GLASSHOUGHTON		
	Edge of Town		
	No Sub Category		
	Total Gross floor area:	3191 sqm	
	Survey date: MONDAY	15/05/17	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
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	1	2765	0.000	1	2765	0.000	1	2765	0.000
05:30 - 06:00	1	2765	0.000	1	2765	0.000	1	2765	0.000
06:00 - 06:30	1	2765	0.000	1	2765	0.000	1	2765	0.000
06:30 - 07:00	1	2765	0.000	1	2765	0.000	1	2765	0.000
07:00 - 07:30	13	3478	0.184	13	3478	0.051	13	3478	0.235
07:30 - 08:00	13	3478	0.380	13	3478	0.104	13	3478	0.484
08:00 - 08:30	13	3478	0.387	13	3478	0.234	13	3478	0.621
08:30 - 09:00	13	3478	0.321	13	3478	0.210	13	3478	0.531
09:00 - 09:30	13	3478	0.334	13	3478	0.239	13	3478	0.573
09:30 - 10:00	13	3478	0.323	13	3478	0.241	13	3478	0.564
10:00 - 10:30	13	3478	0.305	13	3478	0.276	13	3478	0.581
10:30 - 11:00	13	3478	0.327	13	3478	0.292	13	3478	0.619
11:00 - 11:30	13	3478	0.318	13	3478	0.327	13	3478	0.645
11:30 - 12:00	13	3478	0.338	13	3478	0.400	13	3478	0.738
12:00 - 12:30	13	3478	0.299	13	3478	0.327	13	3478	0.626
12:30 - 13:00	13	3478	0.338	13	3478	0.378	13	3478	0.716
13:00 - 13:30	13	3478	0.325	13	3478	0.305	13	3478	0.630
13:30 - 14:00	13	3478	0.307	13	3478	0.232	13	3478	0.539
14:00 - 14:30	13	3478	0.290	13	3478	0.310	13	3478	0.600
14:30 - 15:00	13	3478	0.263	13	3478	0.316	13	3478	0.579
15:00 - 15:30	13	3478	0.259	13	3478	0.241	13	3478	0.500
15:30 - 16:00	13	3478	0.270	13	3478	0.290	13	3478	0.560
16:00 - 16:30	13	3478	0.265	13	3478	0.365	13	3478	0.630
16:30 - 17:00	13	3478	0.186	13	3478	0.394	13	3478	0.580
17:00 - 17:30	13	3478	0.133	13	3478	0.414	13	3478	0.547
17:30 - 18:00	13	3478	0.128	13	3478	0.175	13	3478	0.303
18:00 - 18:30	13	3478	0.051	13	3478	0.119	13	3478	0.170
18:30 - 19:00	13	3478	0.038	13	3478	0.075	13	3478	0.113
19:00 - 19:30	1	2765	0.000	1	2765	0.000	1	2765	0.000
19:30 - 20:00	1	2765	0.000	1	2765	0.000	1	2765	0.000
20:00 - 20:30	1	2765	0.000	1	2765	0.000	1	2765	0.000
20:30 - 21:00	1	2765	0.000	1	2765	0.000	1	2765	0.000
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:			6.369			6.315			12.684

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 - 4876 (units: sqm)
Survey date date range:	01/01/14 - 17/09/20
Number of weekdays (Monday-Friday):	13
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.