Ardent Consulting Engineers   Suite 207, One Alie Street   London E1 8DE   Licence No: 437201

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use   : 03 - RESIDENTIAL
Category   : G - STUDENT ACCOMMODATION
MULTI-MODAL TOTAL PEOPLE

Selected regions and areas:
01   GREATER LONDON
      CN   CAMDEN   1 days
      LB   LAMBETH   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: Number of residents
Actual Range: 571 to 1100 (units:)
Range Selected by User: 100 to 1100 (units:)

Parking Spaces Range: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/14 to 25/06/21

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:
Tuesday   2 days

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

Selected survey types:
Manual count   2 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 undertaking using machines.

Selected Locations:
Town Centre   1
Edge of Town 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:
Built-Up 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:
C3   2 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 500m Range:
All Surveys Included

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Secondary Filtering selection (Cont.):

Population within 1 mile:
25,001 to 50,000   1 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:
500,001 or More   2 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   1 days
0.6 to 1.0   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   2 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:
6a Excellent   1 days
6b (High) Excellent   1 days

This data displays the number of selected surveys with PTAL Ratings.

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LIST OF SITES relevant to selection parameters

  1   CN-03-G-01   STUDENT FLATS   CAMDEN
     SAINT PANCRAS WAY
     KING'S CROSS

     Edge of Town Centre
     Built-Up Zone
     Total Number of residents: 571
       Survey date: TUESDAY   *14/11/17*   *Survey Type: MANUAL*

  2   LB-03-G-02   STUDENT FLATS   LAMBETH
     WESTMINSTER BRIDGE RD
     LAMBETH

     Town Centre
     Built-Up Zone
     Total Number of residents: 1100
       Survey date: TUESDAY   *27/11/18*   *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.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
HK-03-G-01	Low PTAL
KI-03-G-01	Too much parking
KI-03-G-02	Low PTAL

TRIP RATE for Land Use 03 - RESIDENTIAL/G - STUDENT ACCOMMODATION
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 RESIDE
BOLD print indicates peak (busiest) period
Total People to Total Vehicles ratio (all time periods and directions): 15.67

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	Trip Rate	No. Days	Ave. RESIDE	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	2	836	0.014	2	836	0.023	2	836	0.037
08:00 - 09:00	2	836	0.010	2	836	0.089	2	836	0.099
09:00 - 10:00	2	836	0.014	2	836	0.079	2	836	0.093
10:00 - 11:00	2	836	0.029	2	836	0.086	2	836	0.115
11:00 - 12:00	2	836	0.037	2	836	0.063	2	836	0.100
12:00 - 13:00	2	836	0.042	2	836	0.059	2	836	0.101
13:00 - 14:00	2	836	0.054	2	836	0.066	2	836	0.120
14:00 - 15:00	2	836	0.039	2	836	0.062	2	836	0.101
15:00 - 16:00	2	836	0.066	2	836	0.041	2	836	0.107
16:00 - 17:00	2	836	0.068	2	836	0.034	2	836	0.102
17:00 - 18:00	2	836	0.077	2	836	0.042	2	836	0.119
18:00 - 19:00	2	836	0.078	2	836	0.034	2	836	0.112
19:00 - 20:00	2	836	0.053	2	836	0.022	2	836	0.075
20:00 - 21:00	2	836	0.080	2	836	0.020	2	836	0.100
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.661			0.720			1.381

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.*