

Appendix F TRICS Trip Rate Derivation

TRICS 7.7.3

Trip Rate P No of Dwellings

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use 03 - RESIDENTIAL
Category A - HOUSES PRIVATELY OWNED
TOTAL VEHICLES

Selected regions and areas:

2 SOUTH EAST
ES EAST SUSSEX 3 days
EX ESSEX 1 days
HC HAMPSHIRE 2 days
HF HERTFORD 1 days
KC KENT 2 days
SC SURREY 2 days
WS WEST SUSSEX 5 days
3 SOUTH WEST
DC DORSET 1 days
SM SOMERSET 1 days
4 EAST ANGLIA
NF NORFOLK 8 days
SF SUFFOLK 1 days
5 EAST MIDLANDS
DS DERBYSHIRE 1 days
6 WEST MIDLANDS
SH SHROPSHIRE 2 days
ST STAFFORD 2 days
WK WARWICK 2 days
7 YORKSHIRE & NORTH LINCOLNSHIRE
NE NORTH EAST 1 days
NY NORTH YORK 2 days
8 NORTH WEST
CH CHESHIRE 2 days
LC LANCASHIRE 1 days
9 NORTH
DH DURHAM 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: No of Dwellings
Actual Range 10 to 984 (units:)
Range Selected 300 to 3000 (units:)

Public Transport Provision:
Selection b Include all surveys

Date Range 01/01/12 to 19/11/19

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 8 days
Tuesday 7 days
Wednesday 11 days
Thursday 9 days
Friday 5 days
Sunday 1 days

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

Selected survey types:

Manual count 38 days
Directional 3 days
This data displays the total number of surveys whilst ATC surveys are undertaken using machines.

Selected Locations:

Town Centre 0
Edge of Town 0
Suburban Area 0
Edge of Town 41
Neighbourhood 0
Free Stand 0
Not Known 0
This data displays the number of surveys by location: Edge of Town, Suburban Area, Neighbourhood, Edge of Town, Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone 0
Commercial 0
Development 0
Residential 38
Retail Zone 0
Built-Up Zone 0
Village 0
Out of Town 1

High Street 0
No Sub Cat 2
This data d Industrial 2 Developm Residential Retail Zone Built-Up Zc Village Out of Tow High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

C3 41 days

This data d which can be found within the Library module of TRICS®.

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,000 or Le 1 days

1,001 to 5, 6 days

5,001 to 10 days

10,001 to 15 days

15,001 to 20 days

20,001 to 25 days

25,001 to 30 days

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

Population within 5 miles:

5,001 to 20 days

25,001 to 30 days

50,001 to 40 days

75,001 to 50 days

100,001 to 60 days

125,001 to 70 days

250,001 to 80 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 20 days

1.6 to 2.0 30 days

This data d within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes 16 days

No 25 days

This data d and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Pr 40 days

2 Poor 1 days

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

LIST OF SITES relevant to selection parameters

- 1 CH-03-A-05 TERRACED CHESHIRE
GREYSTOKE ROAD
HURDSFIELD
MACCLESFIELD
Edge of Town
Residential Zone
Total No of Dwellings: 24
Survey date MONDAY ##### Survey Typ MANUAL
- 2 CH-03-A-1C SEMI-DETA CHESHIRE
MEADOW DRIVE
BARNTON
NORTHWICH
Edge of Town
Residential Zone
Total No of Dwellings: 40
Survey date TUESDAY ##### Survey Typ MANUAL
- 3 DC-03-A-08 BUNGALOV DORSET
HURSTDENE ROAD
CASTLE LANE WEST
BOURNEMOUTH
Edge of Town
Residential Zone
Total No of Dwellings: 28
Survey date MONDAY ##### Survey Typ MANUAL
- 4 DH-03-A-0: SEMI-DETA DURHAM
PILGRIMS WAY

DURHAM
Edge of Town
Residential Zone
Total No of Dwellings: 57
Survey date FRIDAY ##### Survey Typ MANUAL
- 5 DS-03-A-02 MIXED HOI DERBYSHIRE
RADBOURNE LANE

DERBY
Edge of Town
Residential Zone
Total No of Dwellings: 371
Survey date: TUESDAY ##### Survey Typ MANUAL
6 ES-03-A-03 MIXED HOI EAST SUSSEX
SHEPHAM LANE

POLEGATE
Edge of Town
Residential Zone
Total No of Dwellings: 212
Survey date: MONDAY ##### Survey Typ MANUAL
7 ES-03-A-04 MIXED HOI EAST SUSSEX
NEW LYDD ROAD

CAMBER
Edge of Town
Residential Zone
Total No of Dwellings: 134
Survey date: FRIDAY ##### Survey Typ MANUAL
8 ES-03-A-05 MIXED HOI EAST SUSSEX
RATTLE ROAD
STONE CROSS
NEAR EASTBOURNE

Edge of Town
Residential Zone
Total No of Dwellings: 99
Survey date: WEDNESDAY ##### Survey Typ MANUAL
9 EX-03-A-02 DETACHED ESSEX
MANOR ROAD
GRANGE HILL
CHIGWELL

Edge of Town
Residential Zone
Total No of Dwellings: 97
Survey date: MONDAY ##### Survey Typ MANUAL
10 HC-03-A-21 TERRACED HAMPSHIRE
PRIESTLEY ROAD
HOUNDMILLS
BASINGSTOKE

Edge of Town
Residential Zone
Total No of Dwellings: 39
Survey date: TUESDAY ##### Survey Typ MANUAL
11 HC-03-A-22 MIXED HOI HAMPSHIRE
BOW LAKE GARDENS
BISHOPSTOKE
NEAR EASTLEIGH

Edge of Town
Residential Zone
Total No of Dwellings: 40
Survey date: WEDNESDAY ##### Survey Typ MANUAL
12 HF-03-A-03 MIXED HOI HERTFORDSHIRE
HARE STREET ROAD

BUNTINGFORD
Edge of Town
Residential Zone
Total No of Dwellings: 160
Survey date: MONDAY ##### Survey Typ MANUAL
13 KC-03-A-04 SEMI-DETA KENT
KILN BARN ROAD
DITTON
AYLESFORD

Edge of Town
Residential Zone
Total No of Dwellings: 110
Survey date: FRIDAY ##### Survey Typ MANUAL
14 KC-03-A-07 MIXED HOI KENT
RECVLVER ROAD

HERNE BAY
Edge of Town
Residential Zone
Total No of Dwellings: 288
Survey date: WEDNESDAY ##### Survey Typ MANUAL
15 LC-03-A-31 DETACHED LANCASHIRE
GREENSIDE
COTTAM
PRESTON

Edge of Town
Residential Zone
Total No of Dwellings: 32
Survey date: FRIDAY ##### Survey Typ MANUAL
16 NE-03-A-02 SEMI DETA NORTH EAST LINCOLNSHIRE

HANOVER WALK

SCUNTHORPE

Edge of Town

No Sub Category

Total No of Dwellings: 432

Survey date: MONDAY ##### Survey Typ MANUAL

17 NF-03-A-03 DETACHED NORFOLK

HALING WAY

THETFORD

Edge of Town

Residential Zone

Total No of Dwellings: 10

Survey date: WEDNESDAY ##### Survey Typ MANUAL

18 NF-03-A-04 MIXED HOI NORFOLK

NORTH WALSHAM ROAD

NORTH WALSHAM

Edge of Town

Residential Zone

Total No of Dwellings: 70

Survey date: WEDNESDAY ##### Survey Typ MANUAL

19 NF-03-A-05 MIXED HOI NORFOLK

HEATH DRIVE

HOLT

Edge of Town

Residential Zone

Total No of Dwellings: 40

Survey date: THURSDAY ##### Survey Typ MANUAL

20 NF-03-A-06 MIXED HOI NORFOLK

BEAUFORT WAY

BRADWELL

GREAT YARMOUTH

Edge of Town

Residential Zone

Total No of Dwellings: 275

Survey date: MONDAY ##### Survey Typ MANUAL

21 NF-03-A-07 MIXED HOI NORFOLK

SILFIELD ROAD

WYMONDHAM

Edge of Town

Out of Town

Total No of Dwellings: 297

Survey date: SUNDAY ##### Survey Typ DIRECTIONAL ATC COUNT

22 NF-03-A-08 MIXED HOI NORFOLK

ROUND HOUSE WAY

CRINGLEFORD

NORWICH

Edge of Town

Residential Zone

Total No of Dwellings: 984

Survey date: TUESDAY ##### Survey Typ MANUAL

23 NF-03-A-1C MIXED HOI NORFOLK

HUNSTANTON ROAD

HUNSTANTON

Edge of Town

Residential Zone

Total No of Dwellings: 17

Survey date: WEDNESDAY ##### Survey Typ DIRECTIONAL ATC COUNT

24 NF-03-A-1E MIXED HOI NORFOLK

NORWICH COMMON

WYMONDHAM

Edge of Town

Residential Zone

Total No of Dwellings: 138

Survey date: TUESDAY ##### Survey Typ DIRECTIONAL ATC COUNT

25 NY-03-A-1C HOUSES AT NORTH YORKSHIRE

BOROUGHBRIDGE ROAD

RIPON

Edge of Town

No Sub Category

Total No of Dwellings: 71

Survey date: TUESDAY ##### Survey Typ MANUAL

26 NY-03-A-11 PRIVATE HOI NORTH YORKSHIRE

HORSEFAIR

BOROUGHBRIDGE

Edge of Town

Residential Zone

Total No of Dwellings: 23

Survey date: WEDNESDAY ##### Survey Type: MANUAL
27 SC-03-A-04 DETACHED SURREY
HIGH ROAD

BYFLEET
Edge of Town
Residential Zone
Total No of Dwellings: 71

Survey date: THURSDAY ##### Survey Type: MANUAL
28 SC-03-A-05 MIXED HOUSING SURREY
REIGATE ROAD

HORLEY
Edge of Town
Residential Zone
Total No of Dwellings: 207

Survey date: MONDAY ##### Survey Type: MANUAL
29 SF-03-A-05 DETACHED SUFFOLK
VALE LANE

BURY ST EDMUNDS
Edge of Town
Residential Zone
Total No of Dwellings: 18

Survey date: WEDNESDAY ##### Survey Type: MANUAL
30 SH-03-A-05 SEMI-DETACHED SHROPSHIRE
SANDCROFT

SUTTON HILL
TELFORD
Edge of Town
Residential Zone
Total No of Dwellings: 54

Survey date: THURSDAY ##### Survey Type: MANUAL
31 SH-03-A-06 BUNGALOW SHROPSHIRE
ELLESMERE ROAD

SHREWSBURY
Edge of Town
Residential Zone
Total No of Dwellings: 16

Survey date: THURSDAY ##### Survey Type: MANUAL
32 SM-03-A-0 DETACHED SOMERSET
WEMBDON ROAD

NORTHFIELD
BRIDGWATER
Edge of Town
Residential Zone
Total No of Dwellings: 33

Survey date: THURSDAY ##### Survey Type: MANUAL
33 ST-03-A-07 DETACHED STAFFORDSHIRE
BEACONSIDE

MARSTON GATE
STAFFORD
Edge of Town
Residential Zone
Total No of Dwellings: 248

Survey date: WEDNESDAY ##### Survey Type: MANUAL
34 ST-03-A-08 DETACHED STAFFORDSHIRE
SILKMORE CRESCENT

MEADOWCROFT PARK
STAFFORD
Edge of Town
Residential Zone
Total No of Dwellings: 26

Survey date: WEDNESDAY ##### Survey Type: MANUAL
35 WK-03-A-0 BUNGALOW WARWICKSHIRE
NARBERTH WAY

POTTERS GREEN
COVENTRY
Edge of Town
Residential Zone
Total No of Dwellings: 17

Survey date: THURSDAY ##### Survey Type: MANUAL
36 WK-03-A-0 DETACHED WARWICKSHIRE
DALEHOUSE LANE

KENILWORTH
Edge of Town
Residential Zone
Total No of Dwellings: 49

Survey date: FRIDAY ##### Survey Type: MANUAL
37 WS-03-A-0 MIXED HOUSING WEST SUSSEX
HILLS FARM LANE

BROADBRIDGE HEATH
HORSHAM
Edge of Town

Residential Zone
 Total No of Dwellings: 151
 Survey date THURSDAY ##### Survey Typ MANUAL
 38 WS-03-A-0 MIXED HOI WEST SUSSEX
 ROUNDSTONE LANE

ANGMERING
 Edge of Town
 Residential Zone
 Total No of Dwellings: 180
 Survey date THURSDAY ##### Survey Typ MANUAL
 39 WS-03-A-0 MIXED HOI WEST SUSSEX
 LITTLEHAMPTON ROAD
 WEST DURRINGTON
 WORTHING
 Edge of Town
 Residential Zone
 Total No of Dwellings: 197
 Survey date THURSDAY ##### Survey Typ MANUAL
 40 WS-03-A-1 MIXED HOI WEST SUSSEX
 TODDINGTON LANE
 WICK
 LITTLEHAMPTON
 Edge of Town
 Residential Zone
 Total No of Dwellings: 79
 Survey date WEDNESDAY ##### Survey Typ MANUAL
 41 WS-03-A-1 MIXED HOI WEST SUSSEX
 ELLIS ROAD
 S BROADBRIDGE HEATH
 WEST HORSHAM
 Edge of Town
 Residential Zone
 Total No of Dwellings: 918
 Survey date TUESDAY ##### Survey Typ MANUAL

This sector displays the selected day of and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

Calculation Factor: 1 DWELLS

Count Type: TOTAL VEHICLES

| Time Range | No. Days | ARRIVALS | | | DEPARTURES | | | TOTALS | |
|-------------------|----------|-------------|-----------|----------|-------------|-----------|----------|-------------|-----------|
| | | Ave. DWELLS | Trip Rate | No. Days | Ave. DWELLS | Trip Rate | No. Days | Ave. DWELLS | 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 | 41 | 155 | 0.071 | 41 | 155 | 0.288 | 41 | 155 | 0.359 |
| 08:00-09:00 | 41 | 155 | 0.131 | 41 | 155 | 0.353 | 41 | 155 | 0.484 |
| 09:00-10:00 | 41 | 155 | 0.134 | 41 | 155 | 0.169 | 41 | 155 | 0.303 |
| 10:00-11:00 | 41 | 155 | 0.117 | 41 | 155 | 0.144 | 41 | 155 | 0.261 |
| 11:00-12:00 | 41 | 155 | 0.124 | 41 | 155 | 0.133 | 41 | 155 | 0.257 |
| 12:00-13:00 | 41 | 155 | 0.141 | 41 | 155 | 0.142 | 41 | 155 | 0.283 |
| 13:00-14:00 | 41 | 155 | 0.149 | 41 | 155 | 0.142 | 41 | 155 | 0.291 |
| 14:00-15:00 | 41 | 155 | 0.162 | 41 | 155 | 0.173 | 41 | 155 | 0.335 |
| 15:00-16:00 | 41 | 155 | 0.239 | 41 | 155 | 0.17 | 41 | 155 | 0.409 |
| 16:00-17:00 | 41 | 155 | 0.261 | 41 | 155 | 0.155 | 41 | 155 | 0.416 |
| 17:00-18:00 | 41 | 155 | 0.324 | 41 | 155 | 0.152 | 41 | 155 | 0.476 |
| 18:00-19:00 | 41 | 155 | 0.289 | 41 | 155 | 0.152 | 41 | 155 | 0.441 |
| 19:00-20:00 | 1 | 97 | 0.062 | 1 | 97 | 0.052 | 1 | 97 | 0.114 |
| 20:00-21:00 | 1 | 97 | 0.031 | 1 | 97 | 0.021 | 1 | 97 | 0.052 |
| 21:00-22:00 | | | | | | | | | |
| 22:00-23:00 | | | | | | | | | |
| 23:00-24:00 | | | | | | | | | |
| Daily Trip Rates: | | 2.235 | | | 2.246 | | | 4.481 | |

Parameter summary

Trip rate per 10 - 984 (units:)

Survey date 01/01/12 - 19/11/19

Number of 45

Number of 1

Number of 1

Number of 1

Surveys available 6

Surveys made 0

This sector followed by the total number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.