# S|C|P

## APPENDIX 3

### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use    : 04 - EDUCATION
Category    : D - NURSERY
## MULTI-MODAL  VEHICLES

_Selected regions and areas:_
| | | | |
|---|---|---|---|
| **02** | **SOUTH EAST** | | |
| | KC | KENT | 1 days |
| **04** | **EAST ANGLIA** | | |
| | SF | SUFFOLK | 1 days |
| **08** | **NORTH WEST** | | |
| | GM | GREATER MANCHESTER | 1 days |
| **09** | **NORTH** | | |
| | TW | TYNE & WEAR | 1 days |
| **11** | **SCOTLAND** | | |
| | HI | HIGHLAND | 1 days |

_This section displays the number of survey days per TRICS® sub-region in the selected set_

**Filtering Stage 2 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 pupils
Actual Range:              37 to 138 (units: )
Range Selected by User:    37 to 138 (units: )

Public Transport Provision:
Selection by:                                Include all surveys

Date Range:        01/01/06 to 28/11/12

_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 |
| Wednesday | 3 days |
| Friday | 1 days |

_This data displays the number of selected surveys by day of the week._

_Selected survey types:_
| | |
|---|---|
| Manual count | 5 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:_
| | |
|---|---|
| Edge of Town Centre | 1 |
| Suburban Area (PPS6 Out of Centre) | 4 |

_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:_
| | |
|---|---|
| Residential Zone | 4 |
| No Sub Category | 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._

**Filtering Stage 3 selection:**

*Use Class:*
| | |
|---|---|
| C3 | 1 days |
| D1 | 4 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 1 mile:*
| | |
|---|---|
| 10,001 to 15,000 | 1 days |
| 15,001 to 20,000 | 2 days |
| 25,001 to 50,000 | 2 days |

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

*Population within 5 miles:*
| | |
|---|---|
| 25,001 to 50,000 | 1 days |
| 75,001 to 100,000 | 1 days |
| 100,001 to 125,000 | 1 days |
| 250,001 to 500,000 | 1 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 | 4 days |
| 1.1 to 1.5 | 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 | 5 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.*

*LIST OF SITES relevant to selection parameters*

**1    GM-04-D-01         NURSERY**                          **GREATER MANCHESTER**
RUFFORD ROAD
WHALLEY RANGE
MANCHESTER
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of pupils:                    37
        *Survey date: MONDAY*           *16/11/09*              *Survey Type: MANUAL*
**2    HI-04-D-01         NURSERY**                          **HIGHLAND**
STRATHERRICK ROAD
UPPER DRUMMOND
INVERNESS
Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Number of pupils:                    138
        *Survey date: FRIDAY*           *26/05/06*              *Survey Type: MANUAL*
**3    KC-04-D-01         NURSERY**                          **KENT**
PEMBURY ROAD

TONBRIDGE
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of pupils:                    124
        *Survey date: WEDNESDAY*         *09/12/09*              *Survey Type: MANUAL*
**4    SF-04-D-02         NURSERY**                          **SUFFOLK**
CAMP ROAD

LOWESTOFT
Edge of Town Centre
Residential Zone
Total Number of pupils:                    110
        *Survey date: WEDNESDAY*         *24/10/12*              *Survey Type: MANUAL*
**5    TW-04-D-02         NURSERY**                          **TYNE & WEAR**
ETTRICK GROVE
HIGH BARNES
SUNDERLAND
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of pupils:                    110
        *Survey date: WEDNESDAY*         *28/11/12*              *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 04 - EDUCATION/D - NURSERY
## MULTI-MODAL VEHICLES
### Calculation factor: 1
**BOLD print indicates peak (busiest) period**

| Time Range | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | 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 | 5 | 104 | 0.069 | 5 | 104 | 0.029 | 5 | 104 | 0.098 |
| **08:00 - 09:00** | **5** | **104** | **0.235** | **5** | **104** | **0.212** | **5** | **104** | **0.447** |
| 09:00 - 10:00 | 5 | 104 | 0.085 | 5 | 104 | 0.073 | 5 | 104 | 0.158 |
| 10:00 - 11:00 | 5 | 104 | 0.017 | 5 | 104 | 0.013 | 5 | 104 | 0.030 |
| 11:00 - 12:00 | 5 | 104 | 0.037 | 5 | 104 | 0.031 | 5 | 104 | 0.068 |
| 12:00 - 13:00 | 5 | 104 | 0.048 | 5 | 104 | 0.066 | 5 | 104 | 0.114 |
| 13:00 - 14:00 | 5 | 104 | 0.067 | 5 | 104 | 0.083 | 5 | 104 | 0.150 |
| 14:00 - 15:00 | 5 | 104 | 0.021 | 5 | 104 | 0.025 | 5 | 104 | 0.046 |
| 15:00 - 16:00 | 5 | 104 | 0.085 | 5 | 104 | 0.073 | 5 | 104 | 0.158 |
| 16:00 - 17:00 | 5 | 104 | 0.141 | 5 | 104 | 0.152 | 5 | 104 | 0.293 |
| 17:00 - 18:00 | 5 | 104 | 0.143 | 5 | 104 | 0.168 | 5 | 104 | 0.311 |
| 18:00 - 19:00 | 5 | 104 | 0.012 | 5 | 104 | 0.035 | 5 | 104 | 0.047 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.960 | | | 0.960 | | | 1.920 |

*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.*

### Parameter summary

| | |
|---|---|
| Trip rate parameter range selected: | 37 - 138 (units: ) |
| Survey date date range: | 01/01/06 - 28/11/12 |
| Number of weekdays (Monday-Friday): | 5 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 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.*

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY
## MULTI-MODAL CYCLISTS
## Calculation factor: 1
**BOLD print indicates peak (busiest) period**

| Time Range | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | 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 | 5 | 104 | 0.004 | 5 | 104 | 0.000 | 5 | 104 | 0.004 |
| 08:00 - 09:00 | **5** | **104** | **0.006** | 5 | 104 | 0.000 | 5 | 104 | 0.006 |
| 09:00 - 10:00 | 5 | 104 | 0.002 | 5 | 104 | 0.002 | 5 | 104 | 0.004 |
| 10:00 - 11:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 11:00 - 12:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 12:00 - 13:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 13:00 - 14:00 | 5 | 104 | 0.002 | 5 | 104 | 0.004 | 5 | 104 | 0.006 |
| 14:00 - 15:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 15:00 - 16:00 | 5 | 104 | 0.000 | 5 | 104 | 0.004 | 5 | 104 | 0.004 |
| 16:00 - 17:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 17:00 - 18:00 | 5 | 104 | 0.002 | **5** | **104** | **0.006** | **5** | **104** | **0.008** |
| 18:00 - 19:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.016 | | | 0.016 | | | 0.032 |

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.

## Parameter summary

| | |
|---|---|
| Trip rate parameter range selected: | 37 - 138 (units: ) |
| Survey date date range: | 01/01/06 - 28/11/12 |
| Number of weekdays (Monday-Friday): | 5 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 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.

**TRICS 7.1.2** 270814 B16.52   (C) 2014  JMP Consultants Ltd on behalf of the TRICS Consortium       **Sunday  30/11/14**
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**OFF-LINE VERSION**    SCP    2 Mount St    Manchester                                    Licence No: 726001

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY
## MULTI-MODAL PEDESTRIANS
### Calculation factor: 1
**BOLD print indicates peak (busiest) period**

| Time Range | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | 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 | 5 | 104 | 0.054 | 5 | 104 | 0.017 | 5 | 104 | 0.071 |
| 08:00 - 09:00 | **5** | **104** | **0.091** | 5 | 104 | 0.039 | 5 | 104 | 0.130 |
| 09:00 - 10:00 | 5 | 104 | 0.035 | 5 | 104 | 0.021 | 5 | 104 | 0.056 |
| 10:00 - 11:00 | 5 | 104 | 0.017 | 5 | 104 | 0.010 | 5 | 104 | 0.027 |
| 11:00 - 12:00 | 5 | 104 | 0.042 | 5 | 104 | 0.035 | 5 | 104 | 0.077 |
| 12:00 - 13:00 | 5 | 104 | 0.056 | 5 | 104 | 0.050 | 5 | 104 | 0.106 |
| 13:00 - 14:00 | 5 | 104 | 0.048 | 5 | 104 | 0.048 | 5 | 104 | 0.096 |
| 14:00 - 15:00 | 5 | 104 | 0.013 | 5 | 104 | 0.027 | 5 | 104 | 0.040 |
| 15:00 - 16:00 | 5 | 104 | 0.037 | 5 | 104 | 0.039 | 5 | 104 | 0.076 |
| 16:00 - 17:00 | 5 | 104 | 0.067 | 5 | 104 | 0.091 | 5 | 104 | 0.158 |
| 17:00 - 18:00 | 5 | 104 | 0.050 | **5** | **104** | **0.110** | **5** | **104** | **0.160** |
| 18:00 - 19:00 | 5 | 104 | 0.002 | 5 | 104 | 0.017 | 5 | 104 | 0.019 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.512 | | | 0.504 | | | 1.016 |

*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.*

**Parameter summary**

| | |
|---|---|
| Trip rate parameter range selected: | 37 - 138 (units: ) |
| Survey date date range: | 01/01/06 - 28/11/12 |
| Number of weekdays (Monday-Friday): | 5 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 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.*

TRIP RATE for Land Use 04 - EDUCATION/D - NURSERY
## MULTI-MODAL  PUBLIC TRANSPORT USERS
## Calculation factor: 1
**BOLD print indicates peak (busiest) period**

| Time Range | ARRIVALS | | | DEPARTURES | | | TOTALS | | |
|---|---|---|---|---|---|---|---|---|---|
| | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | Trip Rate | No. Days | Ave. PUPILS | 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 | **5** | **104** | **0.012** | 5 | 104 | 0.000 | **5** | **104** | **0.012** |
| 08:00 - 09:00 | 5 | 104 | 0.000 | 5 | 104 | 0.004 | 5 | 104 | 0.004 |
| 09:00 - 10:00 | 5 | 104 | 0.008 | 5 | 104 | 0.002 | 5 | 104 | 0.010 |
| 10:00 - 11:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 11:00 - 12:00 | 5 | 104 | 0.004 | **5** | **104** | **0.006** | 5 | 104 | 0.010 |
| 12:00 - 13:00 | 5 | 104 | 0.006 | 5 | 104 | 0.000 | 5 | 104 | 0.006 |
| 13:00 - 14:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 14:00 - 15:00 | 5 | 104 | 0.000 | 5 | 104 | 0.004 | 5 | 104 | 0.004 |
| 15:00 - 16:00 | 5 | 104 | 0.000 | 5 | 104 | 0.000 | 5 | 104 | 0.000 |
| 16:00 - 17:00 | 5 | 104 | 0.000 | 5 | 104 | 0.002 | 5 | 104 | 0.002 |
| 17:00 - 18:00 | 5 | 104 | 0.002 | 5 | 104 | 0.002 | 5 | 104 | 0.004 |
| 18:00 - 19:00 | 5 | 104 | 0.000 | 5 | 104 | 0.004 | 5 | 104 | 0.004 |
| 19:00 - 20:00 | | | | | | | | | |
| 20:00 - 21:00 | | | | | | | | | |
| 21:00 - 22:00 | | | | | | | | | |
| 22:00 - 23:00 | | | | | | | | | |
| 23:00 - 24:00 | | | | | | | | | |
| Total Rates: | | | 0.032 | | | 0.024 | | | 0.056 |

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.

## Parameter summary

| | |
|---|---|
| Trip rate parameter range selected: | 37 - 138 (units: ) |
| Survey date date range: | 01/01/06 - 28/11/12 |
| Number of weekdays (Monday-Friday): | 5 |
| Number of Saturdays: | 0 |
| Number of Sundays: | 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.