

# Separation Statistics

---

## MTE User Manual - Classification Reports

3.21

May 2009

# Separation Statistics

## Overview

The Separation Statistics report provides a table of separation bin distribution with multipliers, in a single page format for the entire tagged data. Remember that separation can be defined as headway or gap in the Advanced Profile options.

### Separation Bins

| Separation              | Bin    | Below | Above   | sMult | n * sMult |
|-------------------------|--------|-------|---------|-------|-----------|
| 0.00 - <b>0.50</b>      | 129752 | 11.8% | 129752  | 11.8% | 968884    |
| 0.50 - <b>1.00</b>      | 403490 | 36.7% | 533242  | 48.5% | 565394    |
| 1.00 - <b>2.00</b>      | 263272 | 24.0% | 796514  | 72.5% | 302122    |
| 2.00 - <b>4.00</b>      | 157403 | 14.3% | 953917  | 86.8% | 144719    |
| 4.00 - <b>8.00</b>      | 85657  | 7.8%  | 1039574 | 94.6% | 59062     |
| 8.00 - <b>16.00</b>     | 37270  | 3.4%  | 1076844 | 98.0% | 21792     |
| 16.00 - <b>32.00</b>    | 13771  | 1.3%  | 1090615 | 99.3% | 8021      |
| 32.00 - <b>64.00</b>    | 4290   | 0.4%  | 1094905 | 99.7% | 3731      |
| 64.00 - <b>128.00</b>   | 1944   | 0.2%  | 1096849 | 99.8% | 1787      |
| 128.00 - <b>1000.00</b> | 0      | 0.0%  | 1096849 | 99.8% | 1787      |

Total Separation Rating = 3335923.00

### Separation Statistics Sample

The Separation Bins table provides bin totals, plus cumulative totals above and below the upper limit of each bin (highlighted in bold). The **sMult** column is each separation bin's multiplier, with **n \* sMult** the product of each separation bin's total volume and multiplier. The total gives the Separation Rating for the entire data.

## By Hour

The hourly variant of the Separation Statistics report provides separation bin distribution grouped by hour of day.

### Hour Bins

| Time        | Bin            | Mean | Sep | Sep         | Sep           | Sep           | Sep           | Sep           | Sep          | Sep          | Sep          | Sep         | Sep         |
|-------------|----------------|------|-----|-------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------------|-------------|
|             |                |      | 0.0 | 0.5         | 1.0           | 2.0           | 4.0           | 8.0           | 16.0         | 32.0         | 64.0         | 128.0       | 1000.0      |
|             |                |      | 0.5 | 1.0         | 2.0           | 4.0           | 8.0           | 16.0          | 32.0         | 64.0         | 128.0        | 1000.0      |             |
| <b>0000</b> | 11206          | 21.0 | 3   | 222         | 1195          | 1735          | 2068          | 2239          | 1971         | 1130         | 444          | 197         |             |
| <b>0100</b> | 7018           | 31.5 | 0   | 86          | 528           | 822           | 1006          | 1371          | 1403         | 1023         | 477          | 298         |             |
| <b>0200</b> | 4657           | 48.2 | 1   | 26          | 223           | 356           | 493           | 804           | 986          | 916          | 503          | 343         |             |
| <b>0300</b> | 4506           | 58.6 | 0   | 11          | 178           | 279           | 467           | 735           | 962          | 967          | 523          | 377         |             |
| <b>0400</b> | 6199           | 42.3 | 1   | 47          | 292           | 544           | 776           | 1157          | 1385         | 1108         | 546          | 340         |             |
| <b>0500</b> | 16262          | 16.1 | 10  | 583         | 2199          | 2899          | 3339          | 3308          | 2340         | 1089         | 349          | 145         |             |
| <b>0600</b> | 42520          | 18.6 | 73  | 4809        | 13098         | 9981          | 7231          | 4586          | 1916         | 599          | 175          | 37          |             |
| <b>0700</b> | 72229          | 12.5 | 96  | 11304       | 32292         | 15957         | 7509          | 3340          | 1210         | 386          | 94           | 22          |             |
| <b>0800</b> | 79364          | 12.0 | 103 | 11660       | 36690         | 18255         | 7965          | 3266          | 1039         | 306          | 38           | 15          |             |
| <b>0900</b> | 62367          | 7.2  | 83  | 6899        | 23016         | 16276         | 9854          | 4563          | 1394         | 253          | 12           | 0           |             |
| <b>1000</b> | 60618          | 6.6  | 79  | 6187        | 21426         | 16345         | 10014         | 4894          | 1453         | 192          | 8            | 3           |             |
| <b>1100</b> | 65306          | 6.2  | 93  | 7320        | 24217         | 17254         | 10287         | 4713          | 1239         | 151          | 3            | 5           |             |
| <b>1200</b> | 70013          | 6.6  | 101 | 8486        | 27238         | 18227         | 10252         | 4460          | 1121         | 111          | 0            | 1           |             |
| <b>1300</b> | 67360          | 6.9  | 92  | 7971        | 25510         | 17664         | 10192         | 4537          | 1234         | 131          | 6            | 3           |             |
| <b>1400</b> | 69167          | 10.5 | 104 | 8736        | 26558         | 17828         | 10181         | 4428          | 1156         | 154          | 3            | 0           |             |
| <b>1500</b> | 79571          | 8.6  | 133 | 11833       | 33338         | 19593         | 9780          | 3819          | 942          | 101          | 2            | 0           |             |
| <b>1600</b> | 92027          | 7.5  | 156 | 15583       | 42098         | 21305         | 8976          | 3162          | 631          | 81           | 4            | 5           |             |
| <b>1700</b> | 92431          | 5.0  | 150 | 14607       | 42984         | 22235         | 8659          | 3010          | 643          | 88           | 9            | 16          |             |
| <b>1800</b> | 62081          | 6.9  | 86  | 7084        | 23016         | 15923         | 9606          | 4582          | 1515         | 242          | 8            | 1           |             |
| <b>1900</b> | 38631          | 8.0  | 36  | 2690        | 10227         | 9489          | 7835          | 5300          | 2333         | 649          | 55           | 2           |             |
| <b>2000</b> | 28888          | 9.9  | 24  | 1307        | 5859          | 6592          | 6431          | 4978          | 2636         | 917          | 133          | 4           |             |
| <b>2100</b> | 26615          | 11.6 | 16  | 1135        | 5092          | 5872          | 5949          | 4690          | 2657         | 1007         | 182          | 7           |             |
| <b>2200</b> | 22799          | 11.9 | 5   | 759         | 3911          | 4803          | 5048          | 4321          | 2592         | 1032         | 298          | 28          |             |
| <b>2300</b> | 16801          | 16.4 | 6   | 407         | 2305          | 3038          | 3485          | 3394          | 2512         | 1138         | 418          | 95          |             |
| ----        | <b>1098636</b> |      |     | <b>1451</b> | <b>129752</b> | <b>403490</b> | <b>263272</b> | <b>157403</b> | <b>85657</b> | <b>37270</b> | <b>13771</b> | <b>4290</b> | <b>1944</b> |

### Separation Statistics by Hour Sample

**www.metrocount.com**

Copyright© 1991, 2009 Microcom Pty Ltd. All rights reserved. MetroCount, Traffic Executive, MCSetup, MCSetLite, MCRReport, MCTools, Microcom and Microcom Pty Ltd, and the MetroCount and Microcom Pty Ltd logo, are trademarks of Microcom Pty Ltd. All other trademarks are the property of their respective owners. Other Microcom intellectual property including Patents and designs may be protected by international law. The furnishing of this software, the accompanying product or any related documentation or materials does not give you any license to this intellectual property.