

# Separation Statistics

## MTE User Manual - Classification Reports

4.03

### MetroCount

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# 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	86.2%	8.00	1038016.00		
0.50 - <b>1.00</b>	403490	36.7%	533242	48.5%	565394	51.5%	4.00	1613960.00		
1.00 - <b>2.00</b>	263272	24.0%	796514	72.5%	302122	27.5%	2.00	526544.00		
2.00 - <b>4.00</b>	157403	14.3%	953917	86.8%	144719	13.2%	1.00	157403.00		
4.00 - <b>8.00</b>	85657	7.8%	1039574	94.6%	59062	5.4%	0.00	0.00		
8.00 - <b>16.00</b>	37270	3.4%	1076844	98.0%	21792	2.0%	0.00	0.00		
16.00 - <b>32.00</b>	13771	1.3%	1090615	99.3%	8021	0.7%	0.00	0.00		
32.00 - <b>64.00</b>	4290	0.4%	1094905	99.7%	3731	0.3%	0.00	0.00		
64.00 - <b>128.00</b>	1944	0.2%	1096849	99.8%	1787	0.2%	0.00	0.00		
128.00 - <b>1000.00</b>	0	0.0%	1096849	99.8%	1787	0.2%	0.00	0.00		
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	
0000	11206	21.0	3	222	1195	1735	2068	2239	1971	1130	444	197	
0100	7018	31.5	0	86	528	822	1006	1371	1403	1023	477	298	
0200	4557	48.2	1	26	223	356	493	804	986	916	503	343	
0300	4506	58.6	0	11	178	279	467	735	862	967	523	377	
0400	6199	42.3	1	47	292	544	776	1157	1385	1108	546	340	
0500	16262	16.1	10	583	2199	2899	3339	3308	2340	1089	349	145	
0600	42520	18.6	73	4809	13098	9981	7231	4586	1916	599	175	37	
0700	72229	12.5	96	11304	32292	15957	7509	3340	1210	386	94	22	
0800	79364	12.0	103	11660	36690	18255	7965	3266	1039	306	38	15	
0900	62367	7.2	83	6899	23016	16276	9854	4563	1394	253	12	0	
1000	60618	6.6	79	6187	21426	16345	10014	4894	1453	192	8	3	
1100	65306	6.2	93	7320	24217	17254	10287	4713	1239	151	3	5	
1200	70013	6.6	101	8486	27238	18227	10252	4460	1121	111	0	1	
1300	67360	6.9	92	7971	26510	17664	10192	4537	1234	131	6	3	
1400	69167	10.5	104	8736	26558	17828	10181	4428	1156	154	3	0	
1500	79571	8.6	133	11833	33338	19593	9780	3819	942	101	2	0	
1600	92027	7.5	156	15583	42098	21305	8976	3162	631	81	4	5	
1700	92431	5.0	150	14607	42984	22235	8659	3010	643	88	9	16	
1800	62081	6.9	86	7084	23016	15923	9606	4582	1515	242	8	1	
1900	38631	8.0	36	2690	10227	9489	7835	5300	2333	649	55	2	
2000	28888	9.9	24	1307	5859	6592	6431	4978	2636	917	133	4	
2100	26515	11.6	16	1135	5092	5972	5949	4690	2657	1007	182	7	
2200	22799	11.9	5	759	3911	4803	5048	4321	2592	1032	298	28	
2300	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

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