

Speed Separation Matrix

MTE User Manual - Classification Reports

3.21

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Speed Separation Matrix

The Speed Separation Matrix report provides a speed-by-separation matrix of traffic data over the entire period of data, in a one page format.

Vehicles are grouped per the speed bins and separation bins defined in the report's Advanced Profile options. Speed bin totals and percentages are summarised down the right of the report, and separation bin totals and percentages along the bottom.

Speed (km/h)	Headway (Second)										Speed Totals		
	0.0	0.5	1.0	2.0	4.0	8.0	16.0	32.0	64.0	128.0	256.0	Count	Percentage
	0.5	1.0	2.0	4.0	8.0	16.0	32.0	64.0	128.0	1000.0			
10 - 20	1	1	12	34	9	8	4	.	.	.	21	71	0.0%
20 - 30	3	2	255	485	70	16	18	8	.	.	1	857	0.1%
30 - 40	1	36	853	652	100	55	23	6	3	.	1	1729	0.2%
40 - 50	1	622	4866	1851	227	75	31	10	4	3	1	7690	0.7%
50 - 60	12	5576	23518	6638	819	239	77	29	14	11	1	36923	3.3%
60 - 70	185	27524	87750	31332	8791	3027	856	273	77	351	1	159850	14.2%
70 - 80	658	63558	190791	120782	62832	28748	10314	3270	934	3601	1	482247	42.7%
80 - 90	523	33280	96781	92809	71303	41894	18909	6962	2094	8791	1	365434	32.4%
90 - 100	69	2854	9443	13763	14349	10845	6024	2657	949	4611	1	61414	5.4%
100 - 110	9	194	621	1477	2119	1967	1342	666	253	1821	1	8830	0.8%
110 - 120	2	23	62	224	365	450	297	182	79	571	1	1741	0.2%
120 - 130	.	7	15	59	104	133	96	56	26	131	1	509	0.0%
130 - 140	2	5	6	6	38	38	47	25	9	101	1	186	0.0%
140 - 150	.	3	4	6	11	15	23	4	5	31	1	74	0.0%
150 - 160	.	2	3	2	3	6	5	3	1	1	1	25	0.0%
	1466	133687	414980	270120	161140	87516	38066	14151	4448	20061	1	1127580	
	0.1%	11.9%	36.8%	23.9%	14.3%	7.8%	3.4%	1.3%	0.4%	0.2%			
Separation Totals													
The Profile is wider than the displayed bins. 547 vehicles are hidden.													

Speed Separation Matrix sample

Note that some vehicles may be hidden by speed bins that are disabled in the report Profile, or by separation that is beyond the last defined separation bin. If this is the case, a message will be displayed at the bottom of the report, indicating the number of vehicles that are hidden. To view these vehicles, enable all speed bins, or expand the last separation bin.

Remember that the definition of separation, as either headway or gap, can be modified in the report's Advanced Profile options.

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