

VIRGINIA ACTS OF ASSEMBLY -- 2001 SESSION

CHAPTER 145

An Act to amend and reenact § 46.2-880 of the Code of Virginia, relating to tables of vehicle stopping distances.

[H 1872]

Approved March 13, 2001

Be it enacted by the General Assembly of Virginia:

1. That § 46.2-880 of the Code of Virginia is amended and reenacted as follows:

§ 46.2-880. Tables of speed and stopping distances.

All courts shall take notice of the following tables of speed and stopping distances of motor vehicles, which shall not raise a presumption, in actions in which inquiry thereon is pertinent to the issues:

SPEED IN		AVERAGE STOPPING DISTANCES			TOTAL STOPPING	
					DISTANCES:-	
					DRIVER AND	
Miles	Feet	Automobile	Truck Brakes	Average Driver	Automobiles	Trucks
Per	Per	Brakes	(Brakes on	Reaction Time	(In Feet)	(In Feet)
Hour	Second	(In Feet)	All Wheels)	(In Feet)	(In Feet)	(In Feet)
10	14.67	5	7	11	16	18
15	22.0	12	17	16	28	33
20	29.34	21	30	22	43	52
25	36.62	32	47	27	59	74
30	44.0	47	67	33	80	100
35	51.3	63	92	38	101	130
40	58.7	82	120	44	126	164
45	66.0	104	152	50	154	202
50	73.3	128	187	55	183	242
55	80.7	155	227	61	216	288
60	88.0	185	270	66	251	336
65	95.3	217	316	71	288	387
70	102.6	252	367	77	329	444
75	109.9	289	422	82	371	504
80	117.2	328	480	88	416	568
90	132.0	425	607	99	524	706
100	146.6	514	750	109	623	859

~~SPEED IN~~

~~AVERAGE STOPPING DISTANCES~~

~~TOTAL STOPPING~~

~~DISTANCES:-~~

~~DRIVER AND~~

Miles	Feet	Automobile	Truck Brakes	Avg Driver	Automobiles	Trucks
Per	Per	Brakes	Brakes on	Perception-	(In Feet)	(In Feet)
Hour	Second	(In Feet)	All Wheels	Reaction Time		
			(In Feet)	(1.5 Seconds)		
				(In Feet)		
10	14.7	5	6	22	27	28

15	22.0	11	14	33	44	47
20	29.3	19	25	44	63	69
25	36.7	30	40	55	85	95
30	44.0	43	57	66	109	123
35	51.3	58	78	77	135	155
40	58.7	76	102	88	164	190
45	66.0	96	129	99	195	228
50	73.3	119	159	110	229	269
55	80.7	144	192	121	265	313
60	88.0	171	229	132	303	361
65	95.3	201	268	143	344	411
70	102.7	233	311	154	387	465
75	110.0	268	357	165	433	522
80	117.3	305	406	176	481	582
85	124.7	344	459	187	531	646
90	132.0	386	514	198	584	712
95	139.3	430	573	209	639	782
100	146.7	476	635	220	696	855

The courts shall further take notice that such tables are the result of experiments made with motor vehicles, unloaded except for the driver, equipped with four-wheel brakes, in good condition, on dry, hard, approximately level stretches of highway free from loose material.