

Matrices of Contributing Crash Factors

Fatalities 2017-2019	Urban	Rural	Local	State	Light	Dark	Clear/Dry Road Conditions	Not Clear/Wet Road Conditions	Intersection	Lane Departure	Speeding	Alcohol	Drugs	Large Vehicle	Pedestrian	Bicycle	Unrestrained Occupants	Young Drivers	Older Drivers	Motorcycles	Distracted Drivers	Drowsy	Work Zone
	Intersection	133	25	124	32	78	80	133	24	32	15	12	3	9	30	5	33	27	38	31	3	1	1
	Lane Departure	137	79	136	74	102	113	181	35	32	21	9	1	13	9	1	76	30	34	14	1	3	2
	Speeding	34	7	28	13	17	24	34	7	15	21	4	1	4	1	0	14	6	7	8	0	1	1
	Alcohol	14	5	13	6	8	11	18	1	12	9	4	1	1	4	0	6	1	3	3	0	0	1
	Drugs	3	1	1	3	2	2	4	0	3	1	1	1	0	0	0	4	3	3	0	0	0	0
	Large Vehicle	26	24	6	43	36	14	45	5	9	13	4	1	0	7	1	7	4	11	2	4	1	4
	Pedestrian	96	7	73	25	19	83	82	19	30	9	1	4	0	7	0	3	4	4	0	3	0	4
	Bicycle	14	1	12	3	5	10	13	2	5	1	0	0	1	0	0	0	0	1	2	1	0	0
	Unrestrained Occupants	95	40	76	53	65	70	109	26	33	76	14	6	4	7	3	0	27	17	2	0	1	3
Young Drivers	44	24	37	30	39	29	56	12	27	30	6	1	3	4	4	0	27	11	9	1	2	0	
Older Drivers	64	26	52	32	78	12	79	11	38	34	7	3	3	11	4	1	17	11	8	2	1	2	
Motorcycles	46	17	47	16	32	31	61	2	31	14	8	3	0	2	0	2	9	8	0	0	1	1	
Distracted Drivers	5	3	3	5	7	1	7	1	3	1	0	0	0	4	3	1	0	1	2	0	0	1	
Drowsy	2	4	2	4	4	2	6	0	1	3	1	0	0	1	0	0	1	2	1	0	0	0	
Work Zone	9	2	3	8	5	5	10	0	1	2	1	1	0	4	4	0	3	0	2	1	1	0	

Injuries 2017-2019																							
	Urban	Rural	Local	State	Light	Dark	Clear/Dry Road Conditions	Not Clear/Wet Road Conditions	Intersection	Lane Departure	Speeding	Alcohol	Drugs	Large Vehicle	Pedestrian	Bicycle	Unrestrained Occupants	Young Drivers	Older Drivers	Motorcycles	Distracted Drivers	Drowsy	Work Zone
Intersection	3612	953	3030	1462	3507	1059	3726	842		689	141	88	15	163	130	82	351	961	1067	186	220	46	36
Lane Departure	2208	1585	2108	1610	2272	1519	2643	1150	689		301	169	30	136	63	8	529	703	446	130	148	183	59
Speeding	493	161	289	355	391	264	357	299	141	301		86	14	55	6	1	96	128	82	25	14	11	20
Alcohol	227	83	175	129	100	210	256	54	88	169	86		21	15	5	0	66	23	21	10	9	8	8
Drugs	48	14	35	26	25	37	52	10	15	30	14	21		7	0	1	19	14	10	0	3	9	1
Large Vehicle	620	271	128	757	669	221	700	191	163	136	55	15	7		10	2	79	99	152	4	46	22	40
Pedestrian	444	48	341	73	265	227	392	100	130	63	6	5	0	10		0	24	56	58	7	22	0	7
Bicycle	157	15	148	17	134	38	159	13	82	8	1	0	1	2	0		3	15	24	2	4	1	0
Unrestrained Occupants	896	358	671	534	787	467	975	278	351	529	96	66	19	79	24	3		257	182	31	60	38	23
Young Drivers	1756	741	1390	1065	1735	761	1908	589	961	703	128	23	14	99	56	15	257		261	59	140	55	39
Older Drivers	1757	632	1224	1111	2003	386	1945	444	1067	446	82	21	10	152	58	24	182	261		62	124	34	56
Motorcycles	393	174	333	227	415	151	532	34	186	130	25	10	0	4	7	2	31	59	62		27	2	14
Distracted Drivers	481	195	334	325	534	142	576	100	220	148	14	9	3	46	22	4	60	140	124	27		6	18
Drowsy	185	103	107	174	165	123	235	53	46	183	11	8	9	22	0	1	38	55	34	2	6		11
Work Zone	184	68	52	199	174	78	225	27	36	59	20	8	1	40	7	0	23	39	56	14	18	11	

Injuries and Fatalities 2017-2019																							
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Intersection	3745	978	3154	1494	3585	1139	3859	866		721	156	100	18	172	160	87	384	988	1105	217	223	47	37
Lane Departure	2345	1664	2244	1684	2374	1632	2824	1185	721		322	178	31	149	72	9	605	733	480	144	149	186	61
Speeding	527	168	317	368	408	288	391	306	156	322		90	15	59	7	1	110	134	89	33	14	12	21
Alcohol	241	88	188	135	108	221	274	55	100	178	90		22	16	9	0	72	24	24	13	9	8	9
Drugs	51	15	36	29	27	39	56	10	18	31	15	22		7	0	1	23	17	13	0	3	9	1
Large Vehicle	646	295	134	800	705	235	745	196	172	149	59	16	7		17	3	86	103	163	6	50	23	44
Pedestrian	540	55	414	98	284	310	474	119	160	72	7	9	0	17		0	27	60	62	7	25	0	11
Bicycle	171	16	160	20	139	48	172	15	87	9	1	0	1	3	0		3	15	25	4	5	1	0
Unrestrained Occupants	991	398	747	587	852	537	1084	304	384	605	110	72	23	86	27	3		284	199	33	60	39	26
Young Drivers	1800	765	1427	1095	1774	790	1964	601	988	733	134	24	17	103	60	15	284		272	68	141	57	39
Older Drivers	1821	658	1276	1143	2081	398	2024	455	1105	480	89	24	13	163	62	25	199	272		70	126	35	58
Motorcycles	439	191	380	243	447	182	593	36	217	144	33	13	0	6	7	4	33	68	70		27	2	15
Distracted Drivers	486	198	337	330	541	143	583	101	223	149	14	9	3	50	25	5	60	141	126	27		6	19
Drowsy	187	107	109	178	169	125	241	53	47	186	12	8	9	23	0	1	39	57	35	2	6		11
Work Zone	193	70	55	207	179	83	235	27	37	61	21	9	1	44	11	0	26	39	58	15	19	11	