

CRASHES BY COUNTY FOR TRUNK HIGHWAYS ONLY (2006 - 2010)

County	Crashes 2006-2010 on All Route Types ¹						Demand ²			Infrastructure	Demographics	Rates				
	Fatalities	Severity Level				Property Damage	Total Crashes	ADT	Vehicle Miles Traveled	VMT Heavy Vehicles	Total Miles ³	Population ⁴	by Vehicle Miles Traveled		by Population	
		Fatal	A	B	C								Fatalities (per 100 MVMT)	Crashes (per 1 MVMT)	Fatalities (per 100 K Pop)	Crashes (per 100 K Pop)
1 AITKIN	8	7	12	75	139	429	662	4,827	986,118,518	86,661,960	263	16,202	0.8	0.7	9.9	817
2 ANOKA	40	37	116	611	1,304	3,350	5,418	88,777	4,643,481,480	203,527,786	71	330,844	0.9	1.2	2.4	328
3 BECKER	9	8	18	112	203	482	823	9,592	1,143,096,086	87,388,708	151	32,504	0.8	0.7	5.5	506
4 BELTRAMI	15	15	18	114	258	832	1,237	7,137	1,058,981,396	83,970,436	221	44,442	1.4	1.2	6.8	557
5 BENTON	9	8	22	124	298	812	1,264	30,297	1,597,875,994	123,026,750	84	38,451	0.6	0.8	4.7	657
6 BIG STONE	4	3	5	20	27	111	166	2,103	202,342,712	28,505,686	111	5,269	2.0	0.8	15.2	630
7 BLUE EARTH	11	10	17	166	276	1,278	1,747	13,982	1,640,637,262	157,291,640	166	64,013	0.7	1.1	3.4	546
8 BROWN	5	5	10	80	114	367	576	6,256	518,852,422	49,849,800	99	25,893	1.0	1.1	3.9	445
9 CARLTON	7	7	20	56	107	237	427	2,656	534,795,228	42,830,656	110	35,386	1.3	0.8	4.0	241
10 CARVER	27	25	25	203	588	1,934	2,775	24,112	2,377,189,056	147,767,224	111	91,042	1.1	1.2	5.9	610
11 CASS	14	14	30	111	184	509	848	6,657	1,446,765,364	111,641,640	266	28,567	1.0	0.6	9.8	594
12 CHIPPEWA	10	9	8	57	65	173	312	5,831	496,001,858	58,437,478	133	12,441	2.0	0.6	16.1	502
13 CHISAGO	14	12	14	121	272	606	1,025	18,139	846,491,602	54,042,296	54	53,887	1.7	1.2	5.2	380
14 CLAY	15	11	17	82	336	1,011	1,457	9,050	1,136,453,098	105,763,746	151	58,999	1.3	1.3	5.1	494
15 CLEARWATER	2	2	8	33	29	163	235	6,162	303,981,524	30,129,000	95	8,695	0.7	0.8	4.6	541
16 COOK	4	4	7	27	51	219	308	2,645	384,268,918	40,455,030	80	5,176	1.0	0.8	15.5	1190
17 COTTONWOOD	4	3	10	26	49	173	261	4,395	348,755,044	55,441,012	87	11,687	1.2	0.8	6.9	447
18 CROW WING	19	18	34	197	532	1,271	2,052	15,704	2,216,871,734	131,092,192	149	62,500	0.9	0.9	6.1	657
19 DAKOTA	28	26	58	452	1,334	3,523	5,393	40,399	5,352,194,078	377,744,620	169	398,552	0.5	1.0	1.4	271
20 DODGE	6	6	4	41	109	299	459	12,871	641,344,154	68,149,972	77	20,087	0.9	0.7	6.0	457
21 DOUGLAS	5	5	12	105	229	746	1,097	4,581	667,625,772	36,012,372	80	36,009	0.8	1.6	2.8	609
22 FARIBAUT	2	2	3	25	56	148	234	4,075	276,209,890	27,682,160	92	14,553	0.7	0.9	2.8	322
23 FILLMORE	12	12	16	65	102	381	576	4,813	605,267,872	69,778,764	171	20,866	2.0	1.0	11.5	552
24 FREEBORN	4	4	10	39	70	335	458	6,048	337,868,432	30,127,174	63	31,255	1.2	1.4	2.6	293
25 GOODHUE	22	19	46	238	381	1,455	2,139	17,519	2,187,303,316	192,440,314	177	46,183	1.0	1.0	9.5	926
26 GRANT	1	1	6	23	25	100	155	2,176	206,042,188	25,896,332	117	6,018	0.5	0.8	3.3	515
27 HENNEPIN	48	45	144	1,084	3,717	11,180	16,170	92,582	14,861,404,976	613,229,232	176	1,152,425	0.3	1.1	0.8	281
28 HOUSTON	3	2	15	49	118	487	671	17,192	583,372,306	43,009,604	107	19,027	0.5	1.2	3.2	705
29 HUBBARD	9	7	9	86	134	275	511	6,304	846,533,600	69,731,288	156	20,428	1.1	0.6	8.8	500
30 ISANTI	25	16	22	162	194	649	1,043	8,418	1,150,033,060	62,997,000	75	37,816	2.2	0.9	13.2	552
31 ITASCA	19	19	33	214	383	990	1,639	7,468	1,603,213,392	161,120,762	344	45,058	1.2	1.0	8.4	728
32 JACKSON	8	7	11	36	33	157	244	5,893	392,774,426	45,735,822	69	10,266	2.0	0.6	15.6	475
33 KANABEC	7	7	5	52	114	245	423	3,375	606,078,616	41,336,988	98	16,239	1.2	0.7	8.6	521
34 KANDIYOHI	10	8	32	114	250	523	927	8,892	1,195,345,250	113,173,654	155	42,239	0.8	0.8	4.7	439
35 KITTSOP	1	1	6	12	16	62	97	1,557	192,699,606	26,230,490	136	4,552	0.5	0.5	4.4	426
36 KOOCHICHING	4	4	4	54	65	186	313	2,341	527,600,788	61,563,590	285	13,311	0.8	0.6	6.0	470
37 LAC QUI PARLE	3	2	9	22	23	60	116	2,414	267,351,964	42,582,320	111	7,259	1.1	0.4	8.3	320
38 LAKE	6	6	12	56	59	228	361	2,597	512,777,320	38,318,610	108	10,866	1.2	0.7	11.0	664
39 LAKE OF THE WOODS	0	0	2	15	21	45	83	1,231	152,096,670	22,748,308	68	4,045	0.0	0.6	0.0	410
40 LE SUEUR	6	3	15	78	159	583	838	18,812	809,270,418	87,251,758	110	27,703	0.7	1.0	4.3	605
41 LINCOLN	2	2	8	19	31	159	219	2,216	171,116,286	22,039,820	84	5,896	1.2	1.3	6.8	743
42 LYON	13	8	19	90	171	601	889	5,971	828,182,300	89,010,196	145	25,857	1.6	1.1	10.1	688
43 MAHNOMEN	8	7	8	19	22	95	151	4,107	228,253,652	18,225,306	73	5,413	3.5	0.7	29.6	558
44 MARSHALL	1	1	2	31	28	80	142	2,156	329,554,654	39,114,746	175	9,439	0.3	0.4	2.1	301
45 MARTIN	2	2	5	27	55	192	281	2,567	289,954,192	29,714,540	62	20,840	0.7	1.0	1.9	270
46 MCLEOD	4	3	24	70	222	738	1,057	10,677	929,711,552	99,714,208	94	36,651	0.4	1.1	2.2	577
47 MEEKER	11	8	8	86	128	326	556	8,530	798,906,042	74,864,174	144	23,300	1.4	0.7	9.4	477
48 MILLE LACS	15	13	14	113	221	446	807	17,107	1,678,256,514	87,144,024	110	26,097	0.9	0.5	11.5	618
49 MORRISON	11	9	11	111	219	565	915	14,320	1,553,967,998	136,966,434	158	33,198	0.7	0.6	6.6	551
50 MOWER	4	3	4	33	109	282	431	6,354	508,462,482	57,602,996	102	39,163	0.8	0.9	2.0	220
51 MURRAY	3	3	7	22	46	131	209	3,351	250,194,868	36,116,454	96	8,725	1.2	0.8	6.9	479
52 NICOLLET	12	12	17	104	205	987	1,325	14,004	1,279,764,882	157,490,674	101	32,727	0.9	1.0	7.3	810
53 NOBLES	7	6	11	57	89	264	427	5,455	373,042,670	43,847,738	77	21,378	1.9	1.1	6.6	399
54 NORMAN	0	0	5	15	32	109	161	2,584	256,405,094	36,742,772	118	6,852	0.0	0.6	0.0	470
55 OLMSTED	26	19	60	389	782	2,597	3,847	19,948	3,182,078,900	231,135,080	139	144,248	0.8	1.2	3.6	533
56 OTTER TAIL	14	12	20	103	182	615	932	6,778	1,388,605,438	120,557,998	278	57,303	1.0	0.7	4.9	325
57 PENNINGTON	3	3	9	37	112	204	365	5,726	322,321,868	36,777,466	77	13,930	0.9	1.1	4.3	524
58 PINE	7	6	5	43	88	195	337	2,087	422,815,778	27,258,528	111	29,750	1.7	0.8	4.7	227
59 PIPESTONE	6	6	8	29	43	173	259	4,466	327,861,952	45,125,938	77	9,596	1.8	0.8	12.5	540
60 POLK	15	14	24	108	142	531	819	3,774	985,526,894	113,944,226	264	31,600	1.5	0.8	9.5	518
61 POPE	8	8	3	40	78	175	304	1,863	419,576,454	41,749,664	123	10,995	1.9	0.7	14.6	553
62 RAMSEY	27	24	94	622	1,940	7,580	10,260	63,841	4,367,136,466	161,374,576	75	508,640	0.6	2.4	1.1	403
63 RED LAKE	1	1	1	13	12	30	57	3,155	130,968,024	18,877,188	55	4,089	0.8	0.4	4.9	279
64 REDWOOD	6	6	11	49	88	207	361	4,144	522,458,772	63,457,152	137	16,059	1.2	0.7	7.5	450
65 RENVILLE	9	7	10	39	82	199	337	5,319	626,279,654	95,905,172	123	15,730	1.4	0.5	11.4	428
66 RICE	15	13	36	122	296	682	1,149	4,935	916,907,640	63,263,596	102	64,142	1.6	1.3	4.7	358
67 ROCK	3	3	2	10	33	122	170	4,035	182,925,028	20,348,944	50	9,687	1.6	0.9	6.2	351
68 ROSEAU	1	1	1	37	65	166	270	1,890	454,303,322	37,836,546	132	15,629	0.2	0.6	1.3	346
69 ST. LOUIS	53	50	100	367	946	2,649	4,112	10,238	4,547,642,044	313,244,822	506	200,226	1.2	0.9	5.3	411
70 SCOTT	13	13	15	154	528	1,476	2,186	40,243	2,698,692,876	204,519,304	81	129,928	0.5	0.8	2.0	336
71 SHERBURNE	19	19	23	202	542	1,483	2,269	30,545	2,745,407,434	180,483,666	76	88,499	0.7	0.8	4.3	513
72 SIBLEY	7	6	12	48	78	276	420	16,257	546,236,944	79,314,136	105	15,226	1.3	0.8	9.2	552
73 STEARNS	17	17	34	239	717	1,848	2,855	9,743	1,907,918,012	149,752,086	175	150,642	0.9	1.5	2.3	379
74 STEELE	2	2	9	27	64	227	329	8,377	480,846,058	54,491,492	52	36,576	0.4	0.7	1.1	180
75 STEVENS	5	4	1	16	42	143	206	3,526	261,831,966	33,896,038	77	9,726	1.9	0.8	10.3	424

CRASHES BY COUNTY FOR TRUNK HIGHWAYS ONLY (2006 - 2010)

Top 13 Counties Ranked By Fatality Rate (Per 100 MVMT)																
County	Crashes 2006-2010 on All Route Types ¹							Demand ²			Infrastructure	Demographics	Rates			
	Fatalities	Severity Level					Total Crashes	ADT	Vehicle Miles Traveled	VMT Heavy Vehicles	Total Miles ³	Population ⁴	by Vehicle Miles Traveled		by Population	
		Fatal	A	B	C	Property Damage							Fatalities (per 100 MVMT)	Crashes (per 1 MVMT)	Fatalities (per 100 K Pop)	Crashes (per 100 K Pop)
44 MAHNOMEN	8	7	8	19	22	95	151	4,107	228,253,652	18,225,306	73	5,413	3.5	0.7	29.6	558
30 ISANTI	25	16	22	162	194	649	1,043	8,418	1,150,033,060	62,997,000	75	37,816	2.2	0.9	13.2	552
32 JACKSON	8	7	11	36	33	157	244	5,893	392,774,426	45,735,822	69	10,266	2.0	0.6	15.6	475
12 CHIPPEWA	10	9	8	57	65	173	312	5,831	496,001,858	58,437,478	133	12,441	2.0	0.6	16.1	502
6 BIG STONE	4	3	5	20	27	111	166	2,103	202,342,712	28,505,686	111	5,269	2.0	0.8	15.2	630
23 FILLMORE	12	12	16	65	102	381	576	4,813	605,267,872	69,778,764	171	20,866	2.0	1.0	11.5	552
61 POPE	8	8	3	40	78	175	304	1,863	419,576,454	41,749,664	123	10,995	1.9	0.7	14.6	553
75 STEVENS	5	4	1	16	42	143	206	3,526	261,831,966	33,896,038	77	9,726	1.9	0.8	10.3	424
53 NOBLES	7	6	11	57	89	264	427	5,455	373,042,670	43,847,738	77	21,378	1.9	1.1	6.6	399
59 PIPESTONE	6	6	8	29	43	173	259	4,466	327,861,952	45,125,938	77	9,596	1.8	0.8	12.5	540
58 PINE	7	6	5	43	88	195	337	2,087	422,815,778	27,258,528	111	29,750	1.7	0.8	4.7	227
13 CHISAGO	14	12	14	121	272	606	1,025	18,139	846,491,602	54,042,296	54	53,887	1.7	1.2	5.2	380
66 RICE	15	13	36	122	296	682	1,149	4,935	916,907,640	63,263,596	102	64,142	1.6	1.3	4.7	358
67 ROCK	3	3	2	10	33	122	170	4,035	182,925,028	20,348,944	50	9,687	1.6	0.9	6.2	351
79 WABASHA	10	10	16	98	142	438	704	6,100	619,304,334	49,891,798	115	21,676	1.6	1.1	9.2	650

Top 13 Counties Ranked By Crash Rate (Per 1 MVMT)																
County	Crashes 2006-2010 on All Route Types ¹							Demand ²			Infrastructure	Demographics	Rates			
	Fatalities	Severity Level					Total Crashes	ADT	Vehicle Miles Traveled	VMT Heavy Vehicles	Total Miles ³	Population ⁴	by Vehicle Miles Traveled		by Population	
		Fatal	A	B	C	Property Damage							Fatalities (per 100 MVMT)	Crashes (per 1 MVMT)	Fatalities (per 100 K Pop)	Crashes (per 100 K Pop)
62 RAMSEY	27	24	94	622	1,940	7,580	10,260	63,841	4,367,136,466	161,374,576	75	508,640	0.6	2.4	1.1	403
21 DOUGLAS	5	5	12	105	229	746	1,097	4,581	667,625,772	36,012,372	80	36,009	0.8	1.6	2.8	609
73 STEARNS	17	17	34	239	717	1,848	2,855	9,743	1,907,918,012	149,752,086	175	150,642	0.9	1.5	2.3	379
24 FREEBORN	4	4	10	39	70	335	458	6,048	337,868,432	30,127,174	63	31,255	1.2	1.4	2.6	293
14 CLAY	15	11	17	82	336	1,011	1,457	9,050	1,136,453,098	105,763,746	151	58,999	1.3	1.3	5.1	494
41 LINCOLN	2	2	8	19	31	159	219	2,216	171,116,286	22,039,820	84	5,896	1.2	1.3	6.8	743
66 RICE	15	13	36	122	296	682	1,149	4,935	916,907,640	63,263,596	102	64,142	1.6	1.3	4.7	358
13 CHISAGO	14	12	14	121	272	606	1,025	18,139	846,491,602	54,042,296	54	53,887	1.7	1.2	5.2	380
55 OLMSTED	26	19	60	389	782	2,597	3,847	19,948	3,182,078,900	231,135,080	139	144,248	0.8	1.2	3.6	533
85 WINONA	13	13	23	132	220	884	1,272	10,108	1,071,551,580	73,273,728	117	51,461	1.2	1.2	5.1	494
2 ANOKA	40	37	116	611	1,304	3,350	5,418	88,777	4,643,481,480	203,527,786	71	330,844	0.9	1.2	2.4	328
4 BELTRAMI	15	15	18	114	258	832	1,237	7,137	1,058,981,396	83,970,436	221	44,442	1.4	1.2	6.8	557
10 CARVER	27	25	25	203	588	1,934	2,775	24,112	2,377,189,056	147,767,224	111	91,042	1.1	1.2	5.9	610
28 HOUSTON	3	2	15	49	118	487	671	17,192	583,372,306	43,009,604	107	19,027	0.5	1.2	3.2	705

Top 13 Counties Ranked By Fatality Rate (Per 100,000 Population)																
County	Crashes 2006-2010 on All Route Types ¹							Demand ²			Infrastructure	Demographics	Rates			
	Fatalities	Severity Level					Total Crashes	ADT	Vehicle Miles Traveled	VMT Heavy Vehicles	Total Miles ³	Population ⁴	by Vehicle Miles Traveled		by Population	
		Fatal	A	B	C	Property Damage							Fatalities (per 100 MVMT)	Crashes (per 1 MVMT)	Fatalities (per 100 K Pop)	Crashes (per 100 K Pop)
44 MAHNOMEN	8	7	8	19	22	95	151	4,107	228,253,652	18,225,306	73	5,413	3.5	0.7	29.6	558
12 CHIPPEWA	10	9	8	57	65	173	312	5,831	496,001,858	58,437,478	133	12,441	2.0	0.6	16.1	502
32 JACKSON	8	7	11	36	33	157	244	5,893	392,774,426	45,735,822	69	10,266	2.0	0.6	15.6	475
16 COOK	4	4	7	27	51	219	308	2,645	384,268,918	40,455,030	80	5,176	1.0	0.8	15.5	1190
6 BIG STONE	4	3	5	20	27	111	166	2,103	202,342,712	28,505,686	111	5,269	2.0	0.8	15.2	630
61 POPE	8	8	3	40	78	175	304	1,863	419,576,454	41,749,664	123	10,995	1.9	0.7	14.6	553
30 ISANTI	25	16	22	162	194	649	1,043	8,418	1,150,033,060	62,997,000	75	37,816	2.2	0.9	13.2	552
59 PIPESTONE	6	6	8	29	43	173	259	4,466	327,861,952	45,125,938	77	9,596	1.8	0.8	12.5	540
76 SWIFT	6	5	6	23	39	128	201	3,308	386,392,556	50,779,234	128	9,783	1.6	0.5	12.3	411
84 WILKIN	4	4	5	23	29	131	192	2,724	284,328,286	40,911,530	117	6,576	1.4	0.7	12.2	584
23 FILLMORE	12	12	16	65	102	381	576	4,813	605,267,872	69,778,764	171	20,866	2.0	1.0	11.5	552
48 MILLE LACS	15	13	14	113	221	446	807	17,107	1,678,256,514	87,144,024	110	26,097	0.9	0.5	11.5	618
65 RENVILLE	9	7	10	39	82	199	337	5,319	626,279,654	95,905,172	123	15,730	1.4	0.5	11.4	428

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		Fatal	A	B	C	Property Damage							Fatalities (per 100 MVMT)	Crashes (per 1 MVMT)	Fatalities (per 100 K Pop)	Crashes (per 100 K Pop)
16 COOK	4	4	7	27	51	219	308	2,645	384,268,918	40,455,030	80	5,176	1.0	0.8	15.5	1190
25 GOODHUE	22	19	46	238	381	1,455	2,139	17,519	2,187,303,316	192,440,314	177	46,183	1.0	1.0	9.5	926
1 AITKIN	8	7	12	75	139	429	662	4,827	986,118,518	86,661,960	263	16,202	0.8	0.7	9.9	817
52 NICOLLET	12	12	17	104	205	987	1,325	14,004	1,279,764,882	157,490,674	101	32,727	0.9	1.0	7.3	810
41 LINCOLN	2	2	8	19	31	159	219	2,216	171,116,286	22,039,820	84	5,896	1.2	1.3	6.8	743
31 ITASCA	19	19	33	214	383	990	1,639	7,468	1,603,213,392	161,120,762	344	45,058	1.2	1.0	8.4	728
28 HOUSTON	3	2	15	49	118	487	671	17,192	583,372,306	43,009,604	107	19,027	0.5	1.2	3.2	705
42 LYON	13	8	19	90	171	601	889	5,971	828,182,300	89,010,196	145	25,857	1.6	1.1	10.1	688
38 LAKE	6	6	12	56	59	228	361	2,597	512,777,320	38,318,610	108	10,866	1.2	0.7	11.0	664
5 BENTON	9	8	22	124	298	812	1,264	30,297	1,597,875,994	123,026,750	84	38,451	0.6	0.8	4.7	657
18 CROW WING	19	18	34	197	532	1,271	2,052	15,704	2,216,871,734	131,092,192	149	62,500	0.9	0.9	6.1	657
79 WABASHA	10	10	16	98	142	438	704	6,100	619,304,334	49,891,798	115	21,676	1.6	1.1	9.2	650
6 BIG STONE	4	3	5	20	27	111	166	2,103	202,342,712	28,505,686	111	5,269	2.0	0.8	15.2	630

Notes

- ¹ 2006 - 2010 crash data were compiled on 8/17/2011 for all route types (Trunk Highways, County Roads, City Streets, etc.) using Transportation Information System (TIS).
- ² Demand was calculated for 2006-2010.
- ³ Mileage was compiled on 8/17/2011 for all route types using TIS.
- ⁴ US Census Minnesota counties, 2010; <HTTP://MCDC.MISSOURI.EDU/WEBREPTS/AGECOHORTS5_2010CENSUS/MINNESOTA.HTML>
- ⁵ Median is the middle of a distribution: half the numbers are above the median and half are below the median.
- ⁶ Standard deviation tells you how tightly the data are clustered around the sample mean.

Ranges for green, yellow, and red coloring were developed as follows:

- green = all values at or below median
- yellow = values above the median and the median + 1 standard deviation
- red = all values above the median + 1 standard deviation

Measure	2006-2010 Statewide Rates - All Route Types			
	by Vehicle Miles Traveled		by Population	
	Fatalities (per 100 MVMT)	Crashes (per 1 MVMT)	Fatalities (per 100 K Pop)	Crashes (per 100 K Pop)
Mean	1.1	0.9	6.5	491
Median	1.0	0.8	5.5	494
Standard Deviation	0.6	0.3	4.7	163