

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Had Been Drinking Crash INJURY Frequency and Rate per Crash

Note: The first column of the following tables (titled "Overall Rank") is calculated by ranking the counties based on the average of the frequency rank and the rate rank (frequency ranking + rate ranking / 2).

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Had Been Drinking Crash Injuries	Rate per Crash	OTHER RATES		
						Rate per 1 Million VMT	Rate per 1,000 Drivers	Rate per 1,000 Population
1	Genesee	4	24	3,379	0.22	0.16	2.24	1.55
2	Cass	26	11	492	0.25	0.23	2.76	1.98
3	St. Clair	10	30	1,090	0.21	0.15	1.91	1.40
4	Iosco	39	6	290	0.28	0.22	2.68	2.35
6	Barry	27	19	487	0.23	0.25	2.54	1.83
6	Bay	14	32	959	0.21	0.16	2.36	1.73
8	Allegan	19	31	789	0.21	0.16	2.28	1.59
8	Monroe	11	39	1,060	0.20	0.13	2.04	1.51
8	Shiawassee	23	27	564	0.22	0.17	2.14	1.56
10	Chippewa	40	13	269	0.24	0.16	2.31	1.44
11	Van Buren	20	36	685	0.20	0.17	2.60	1.83
12	Lapeer	21	37	634	0.20	0.16	2.13	1.49
13	Alpena	49	12	221	0.24	0.16	1.89	1.44
14	Jackson	12	50	1,033	0.19	0.14	1.94	1.34
15	Cheboygan	46	17	240	0.23	0.16	2.55	2.07
17	Kalamazoo	7	57	1,331	0.18	0.12	1.62	1.16
17	Roscommon	44	20	245	0.23	0.14	2.50	2.15
18	Livingston	13	52	996	0.19	0.13	1.93	1.45
19	Newaygo	31	35	397	0.21	0.26	2.49	1.79
20	Gladwin	52	15	211	0.23	0.21	2.22	1.71
22	Alcona	68	1	139	0.33	0.21	3.06	2.58
22	Macomb	3	66	3,380	0.16	0.13	1.19	0.89
22	Saginaw	9	60	1,311	0.18	0.13	1.79	1.53
24	Menominee	47	23	236	0.22	0.20	2.57	1.93
26	Ogemaw	50	21	218	0.23	0.17	2.72	2.10
26	Presque Isle	69	2	130	0.32	0.15	2.30	1.82
27	Montcalm	24	48	536	0.20	0.20	2.61	1.82
29	Leelanau	67	7	153	0.28	0.12	2.03	1.65
29	Marquette	32	42	394	0.20	0.14	1.71	1.23
30	Machinac	66	10	154	0.25	0.10	3.38	2.79
33	Berrien	15	61	951	0.17	0.10	1.61	1.18
33	Ionia	29	47	447	0.20	0.14	2.31	1.48
33	Oscoda	71	5	112	0.29	0.22	3.31	2.57
33	Tuscola	30	46	420	0.20	0.17	1.98	1.46
35	Oakland	2	75	4,827	0.15	0.08	1.10	0.83
36	Washtenaw	6	72	1,353	0.16	0.09	1.29	0.91
37	Calhoun	17	62	852	0.17	0.11	1.73	1.21
38	Mecosta	37	43	316	0.20	0.18	2.53	1.64
40	Arenac	55	26	200	0.22	0.14	3.26	2.46
40	Muskegon	16	65	934	0.17	0.15	1.67	1.13
42	Ingham	8	76	1,328	0.15	0.12	1.42	0.94
42	Montmorency	75	9	100	0.26	0.26	2.56	2.04
42	Wayne	1	83	8,135	0.12	0.10	1.29	0.77

# 1994 - 1998 COUNTY RANKING

## KAB – Had Been Drinking Crash INJURY Frequency and Rate per Crash (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Had Been Drinking Crash Injuries	Rate per Crash	OTHER RATES		
						Rate per 1 Million VMT	Rate per 1,000 Drivers	Rate per 1,000 Population
45	Eaton	22	63	583	0.17	0.12	1.61	1.18
45	Kent	5	80	2,390	0.14	0.10	1.27	0.90
45	Ontonagon	81	4	81	0.29	0.14	2.48	1.94
49	Isabella	35	51	388	0.19	0.16	2.25	1.36
49	Keweenaw	83	3	38	0.31	0.27	5.06	3.79
49	Lake	70	16	126	0.23	0.19	3.37	2.53
49	St. Joseph	28	58	459	0.18	0.18	2.09	1.51
51	Baraga	80	8	94	0.26	0.18	3.14	2.22
53	Alger	76	14	98	0.23	0.17	2.80	1.98
53	Houghton	57	33	193	0.21	0.20	1.68	1.07
55	Manistee	63	28	168	0.21	0.17	1.87	1.46
55	Wexford	38	53	295	0.19	0.19	2.72	2.05
56	Emmet	48	44	224	0.20	0.18	2.00	1.61
58	Antrim	60	34	178	0.21	0.13	2.16	1.73
58	Sanilac	45	49	244	0.19	0.14	1.54	1.15
60	Clinton	36	59	377	0.18	0.08	1.71	1.21
60	Gogebic	77	18	97	0.23	0.13	1.51	1.10
61	Lenawee	25	71	506	0.16	0.13	1.47	1.04
64	Delta	43	56	252	0.18	0.13	1.72	1.30
64	Iron	74	25	102	0.22	0.16	2.04	1.56
64	Oceana	54	45	203	0.20	0.17	2.18	1.68
64	Ottawa	18	81	795	0.14	0.09	1.05	0.91
66	Schoolcraft	78	22	95	0.23	0.14	2.83	2.18
67	Charlevoix	64	38	163	0.20	0.17	1.73	1.39
69	Kalkaska	62	41	176	0.20	0.20	3.07	2.33
69	Midland	34	69	392	0.16	0.11	1.28	0.97
70	Luce	82	29	62	0.21	0.20	2.77	2.01
71	Benzie	72	40	110	0.20	0.14	1.94	1.58
72	Grand Traverse	34	79	392	0.15	0.11	1.40	1.09
73	Branch	41	73	268	0.16	0.14	1.78	1.25
74	Clare	51	67	212	0.16	0.13	1.94	1.48
75	Hillsdale	42	77	267	0.15	0.15	1.63	1.17
76	Dickinson	66	54	154	0.19	0.15	1.47	1.14
77	Osceola	56	70	197	0.16	0.13	2.37	1.80
78	Huron	53	74	205	0.16	0.14	1.45	1.16
79	Otsego	62	68	176	0.16	0.15	2.13	1.66
80	Missaukee	80	55	94	0.19	0.17	1.89	1.38
82	Crawford	73	64	106	0.17	0.09	2.25	1.55
82	Mason	59	78	186	0.15	0.17	1.83	1.35
83	Gratiot	58	82	191	0.13	0.08	1.35	0.96

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Crash INJURY Frequency and Rate per 1 Million VMT

Overall Rank	COUNTY	Frequency Ranking	Rate per 1M VMT Ranking	Number of Crash Injuries	Rate per 1 Million VMT	OTHER RATES	
						Rate per 1,000 Drivers	Rate per 1,000 Population
1	Muskegon	11	13	5,610	0.92	10.03	6.80
3	Montcalm	24	4	2,740	1.04	13.35	9.32
3	Wayne	1	27	69,296	0.83	11.00	6.60
4	St. Joseph	26	7	2,592	0.99	11.82	8.52
5	Barry	31	3	2,136	1.11	11.12	8.03
6	Newaygo	36	1	1,932	1.24	12.13	8.73
7	Macomb	3	36	20,578	0.78	7.26	5.40
8	Ingham	6	34	8,791	0.79	9.42	6.23
9	Cass	34	11	1,976	0.93	11.07	7.96
11	Hillsdale	37	9	1,780	0.99	10.90	7.78
11	Wexford	40	6	1,535	1.00	14.15	10.67
12	Mason	46	2	1,255	1.17	12.34	9.08
13	Van Buren	21	29	3,344	0.82	12.67	8.91
14	Saginaw	8	44	7,487	0.74	10.20	8.73
16	Branch	38	15	1,692	0.89	11.23	7.87
16	Tuscola	32	21	2,117	0.87	9.98	7.34
18	Genesee	5	49	15,221	0.72	10.08	6.99
18	Lapeer	23	31	3,120	0.81	10.47	7.32
19	Lenawee	22	33	3,152	0.80	9.16	6.49
20	Mecosta	39	17	1,586	0.89	12.67	8.23
21	Bay	18	39	4,595	0.77	11.31	8.29
22	Kent	4	55	16,508	0.70	8.76	6.19
23	Isabella	33	30	2,006	0.82	11.65	7.05
25	Allegan	19	46	3,736	0.74	10.79	7.55
25	Grand Traverse	25	40	2,702	0.77	9.64	7.51
25	Huron	43	22	1,305	0.87	9.26	7.40
27	Jackson	13	53	5,338	0.71	10.01	6.91
29	Houghton	57	10	926	0.96	8.05	5.15
29	Kalamazoo	9	58	7,370	0.69	8.99	6.45
31	Emmet	48	20	1,127	0.88	10.06	8.10
31	Otsego	50	18	1,077	0.89	13.05	10.15
31	St. Clair	16	52	5,122	0.71	8.96	6.57
34	Kalkaska	61	8	881	0.99	15.38	11.65
34	Shiawassee	27	42	2,591	0.76	9.85	7.18
36	Menominee	52	19	1,058	0.89	11.54	8.63
36	Ottawa	10	61	5,795	0.68	7.62	6.61
37	Gladwin	60	14	905	0.95	9.52	7.35
38	Osceola	47	28	1,219	0.82	14.66	11.15
40	Eaton	20	56	3,447	0.69	9.53	6.95
40	Ionia	29	47	2,275	0.73	11.74	7.53
41	Oakland	2	75	31,782	0.56	7.23	5.48
42	Oceana	54	24	1,022	0.86	10.97	8.44
43	Monroe	14	65	5,254	0.65	10.12	7.47
45	Calhoun	17	64	5,022	0.67	10.18	7.14
45	Livingston	15	66	5,152	0.65	9.97	7.48
46	Clare	44	38	1,295	0.77	11.83	9.07

# 1994 - 1998 COUNTY RANKING

## KAB – Crash INJURY Frequency and Rate per 1 Million VMT (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per 1M VMT Ranking	Number of Crash Injuries	Rate per 1 Million VMT	OTHER RATES	
						Rate per 1,000 Drivers	Rate per 1,000 Population
47	Washtenaw	7	76	8,503	0.56	8.13	5.74
48	Montmorency	79	5	391	1.02	10.00	7.97
50	Berrien	12	74	5,473	0.60	9.25	6.79
50	Charlevoix	63	23	806	0.86	8.57	6.87
51	Missaukee	71	16	506	0.89	10.18	7.44
53	Iosco	55	35	1,019	0.78	9.43	8.26
53	Midland	28	62	2,406	0.68	7.86	5.98
55	Delta	42	50	1,372	0.72	9.38	7.08
55	Marquette	35	57	1,975	0.69	8.57	6.15
57	Luce	81	12	291	0.93	12.99	9.42
57	Sanilac	45	48	1,256	0.73	7.92	5.92
58	Lake	70	26	541	0.84	14.49	10.87
59	Manistee	65	32	784	0.81	8.75	6.81
60	Ogemaw	56	43	960	0.76	11.98	9.25
61	Dickinson	64	41	804	0.77	7.70	5.93
62	Keweenaw	83	25	121	0.86	16.12	12.07
63	Clinton	30	81	2,145	0.45	9.73	6.89
64	Cheboygan	53	60	1,047	0.68	11.14	9.05
65	Gratiot	41	73	1,432	0.61	10.11	7.17
66	Oscoda	79	37	391	0.77	11.55	8.96
67	Chippewa	49	67	1,113	0.64	9.57	5.96
69	Alger	76	45	419	0.74	11.96	8.48
69	Roscommon	51	70	1,076	0.64	10.99	9.45
70	Alpena	59	63	906	0.67	7.74	5.91
71	Iron	72	51	464	0.71	9.29	7.09
72	Benzie	69	59	549	0.69	9.69	7.86
73	Arenac	58	71	915	0.63	14.92	11.27
74	Antrim	62	68	865	0.64	10.52	8.40
75	Baraga	80	54	357	0.70	11.93	8.44
76	Alcona	73	69	427	0.64	9.41	7.92
77	Crawford	66	77	635	0.55	13.49	9.27
78	Schoolcraft	75	72	420	0.61	12.53	9.66
80	Leelanau	68	82	554	0.45	7.36	5.96
80	Mackinac	67	83	604	0.41	13.27	10.94
81	Gogebic	74	78	424	0.55	6.61	4.82
82	Presque Isle	77	79	411	0.48	7.27	5.75
83	Ontonagon	82	80	278	0.48	8.50	6.67

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Youth (under age 21) Had Been Drinking Crash Frequency and Rate per Crash

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Youth Had Been Drinking Crashes	Rate per Crash	Rate per 1,000 Drivers
1	St Clair	9	18	157	0.14	3.16
2	Genesee	4	27	363	0.12	2.78
3	Van Buren	19	21	82	0.13	3.33
4	Kalamazoo	8	34	170	0.11	2.41
6	Isabella	26	17	57	0.14	3.45
6	Oceana	37	6	35	0.18	3.91
8	Livingston	11	36	123	0.11	2.62
8	Shiawassee	22	25	66	0.12	2.56
8	Washtenaw	7	40	172	0.11	2.31
10	Bay	15	33	110	0.11	3.15
11	Iosco	38	10	34	0.17	4.53
12	Arenac	46	4	27	0.19	5.01
13	Marquette	29	23	54	0.13	2.48
14	Monroe	13	39	113	0.11	2.38
15	Macomb	3	51	432	0.10	1.98
16	Tuscola	26	29	57	0.12	2.69
17	Houghton	42	14	32	0.15	2.79
18	Mecosta	34	22	42	0.13	3.77
19	Barry	29	32	54	0.12	3.07
20	Manistee	50	11	24	0.16	3.29
21	Oakland	2	60	585	0.09	1.73
23	Gogebic	61	2	16	0.20	2.88
23	Ionia	26	37	57	0.11	2.89
24	Allegan	20	44	79	0.10	2.41
25	Chippewa	48	19	26	0.13	2.65
26	Ingham	6	62	177	0.09	2.31
27	Jackson	15	56	110	0.10	2.37
28	Ontonagon	72	1	11	0.28	4.10
30	Eaton	21	52	69	0.10	2.08
30	Leelanau	64	9	15	0.17	2.48
30	Presque Isle	66	7	14	0.18	2.74
32	Baraga	69	5	12	0.18	4.15
34	Clinton	33	41	43	0.11	1.94
34	Saginaw	10	64	140	0.09	2.12
35	Roscommon	51	24	23	0.13	3.79
36	Osceola	48	28	26	0.12	3.21
37	Kent	5	71	298	0.08	1.75
38	Sanilac	42	35	32	0.11	2.13
39	Ottawa	12	66	120	0.09	1.57
40	Alpena	49	30	25	0.12	2.43
41	Mackinac	66	15	14	0.15	3.78
43	Lenawee	23	59	64	0.10	1.91
43	Newaygo	35	47	41	0.10	2.78
44	Wayne	1	82	806	0.07	1.73
45	Berrien	17	67	87	0.09	1.85

# 1994 - 1998 COUNTY RANKING

## KAB – Youth (under age 21) Had Been Drinking Crash Frequency and Rate per Crash (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Youth Had Been Drinking Crashes	Rate per Crash	Rate per 1,000 Drivers
46	Wexford	42	43	32	0.10	3.09
47	Luce	77	8	9	0.18	4.77
48	Keweenaw	83	3	4	0.20	7.66
50	Ogemaw	57	31	19	0.12	2.93
50	Oscoda	75	13	10	0.16	4.24
51	Calhoun	18	70	83	0.08	1.92
53	Alcona	77	12	9	0.16	3.42
53	Lapeer	24	65	59	0.09	1.99
54	Huron	45	45	28	0.10	2.10
55	Montmorency	75	16	10	0.15	3.62
56	Muskegon	16	75	91	0.07	1.81
57	Iron	72	20	11	0.13	2.60
58	Midland	31	61	49	0.09	1.71
59	Delta	39	54	33	0.10	2.06
60	Menominee	52	42	22	0.11	2.37
61	Cass	42	53	32	0.10	2.15
62	Montcalm	30	68	51	0.08	2.65
63	Kalkaska	61	38	16	0.11	3.04
64	Clare	54	46	21	0.10	2.39
65	Grand Traverse	32	69	46	0.08	1.83
67	Alger	77	26	9	0.12	2.83
67	Mason	54	49	21	0.10	2.37
69	Cheboygan	61	48	16	0.10	2.13
69	St. Joseph	36	73	37	0.08	1.82
70	Antrim	61	50	16	0.10	2.47
72	Gladwin	61	55	16	0.10	2.16
72	Otsego	58	58	17	0.10	2.21
73	Hillsdale	45	80	28	0.07	1.77
74	Missaukee	72	57	11	0.10	2.20
75	Gratiot	54	78	21	0.07	1.51
76	Branch	57	83	19	0.06	1.36
77	Crawford	79	63	8	0.09	2.25
78	Charlevoix	72	72	11	0.08	1.32
79	Emmet	66	78	14	0.07	1.45
80	Dickinson	69	81	12	0.07	1.22
81	Schoolcraft	82	74	6	0.08	2.25
82	Lake	82	76	6	0.07	2.38
83	Benzie	80	78	7	0.07	1.68

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Crash Frequency (with Contributing Circumstance = Speed) and Rate per Crash

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Speed Crashes	Rate per Crash
1	Ionia	22	7	478	0.35
2	Livingston	7	32	858	0.28
3	Cheboygan	39	3	247	0.40
4	Eaton	16	27	603	0.30
5	Newaygo	29	22	359	0.32
6	Mecosta	36	17	285	0.33
7	Ogemaw	45	10	201	0.35
8	Barry	28	28	375	0.29
9	Gladwin	49	9	185	0.35
11	Tuscola	30	30	355	0.29
11	Washtenaw	5	55	1,214	0.23
12	Chippewa	42	19	217	0.32
13	Clare	41	21	233	0.32
14	Montcalm	24	39	439	0.27
16	Grand Traverse	26	38	424	0.27
16	Roscommon	44	20	203	0.32
16	Van Buren	19	45	505	0.26
19	Kalkaska	54	11	172	0.35
19	Leelanau	63	2	136	0.40
21	Berrien	8	58	726	0.22
21	Iosco	48	18	198	0.32
22	Antrim	53	14	173	0.34
23	Otsego	47	25	199	0.31
24	Marquette	33	40	318	0.27
26	Calhoun	11	62	670	0.22
26	Lenawee	23	50	453	0.25
28	Manistee	58	16	158	0.33
28	Shiawassee	27	47	389	0.25
29	Emmet	47	29	199	0.29
31	Lake	68	8	113	0.35
31	Mackinac	64	12	128	0.34
31	Schoolcraft	72	4	97	0.38
34	Alger	71	6	99	0.36
34	Lapeer	25	52	426	0.24
34	Sanilac	43	34	211	0.28
37	Hillsdale	37	41	274	0.27
37	Isabella	35	43	301	0.26
37	Monroe	12	66	646	0.21
40	Genesee	4	77	1,306	0.15
40	Kent	3	78	1,431	0.14
42	Clinton	34	48	309	0.25
42	Wayne	1	81	4,855	0.11
44	Jackson	14	69	612	0.19
44	Luce	78	5	66	0.38
44	Muskegon	13	70	618	0.19

# 1994 - 1998 COUNTY RANKING

## KAB – Crash Frequency (with Contributing Circumstance = Speed) and Rate per Crash (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Speed Crashes	Rate per Crash
46	Keweenaw	83	1	42	0.47
47	Oakland	2	82	2,213	0.11
49	Allegan	20	65	482	0.22
49	Benzie	70	15	101	0.33
49	Saginaw	9	76	719	0.16
51	Montmorency	74	13	84	0.34
53	Crawford	66	23	122	0.31
53	Macomb	6	83	1,192	0.09
53	St. Clair	18	71	551	0.18
56	Ingham	10	80	717	0.13
56	Oceana	57	33	159	0.28
56	St. Joseph	31	59	329	0.22
58	Houghton	56	35	164	0.28
59	Arenac	60	31	151	0.28
60	Ottawa	17	75	586	0.17
61	Midland	33	60	318	0.22
62	Branch	40	53	242	0.24
63	Kalamazoo	15	79	608	0.14
64	Osceola	51	44	182	0.26
65	Bay	22	74	478	0.18
66	Alpena	59	37	154	0.27
67	Iron	73	24	87	0.31
68	Cass	38	61	257	0.22
69	Oscoda	76	26	69	0.31
70	Huron	52	51	178	0.24
72	Baraga	81	36	60	0.28
72	Missaukee	75	42	75	0.27
72	Wexford	50	67	183	0.21
74	Alcona	77	46	67	0.26
75	Delta	56	68	164	0.19
76	Dickinson	67	57	119	0.22
77	Charlevoix	69	56	105	0.23
78	Menominee	62	64	138	0.22
79	Presque Isle	80	49	64	0.25
80	Gogebic	80	54	64	0.23
81	Gratiot	61	73	150	0.18
82	Mason	65	72	125	0.18
83	Ontonagon	83	63	42	0.22

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Pedestrian Crash Frequency and Rate per Crash

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Pedestrian Crashes	Rate per Crash	OTHER RATES	
						Rate per 1 Million VMT	Rate per 1,000 Population
1	Wayne	1	1	4,390	0.10	0.05	0.42
2	Genesee	5	3	585	0.07	0.03	0.27
3	Kent	4	5	617	0.06	0.03	0.23
4	Ingham	6	4	351	0.06	0.03	0.25
5	Washtenaw	7	6	319	0.06	0.02	0.22
6	Oakland	2	12	1,000	0.05	0.02	0.17
8	Kalamazoo	8	9	248	0.06	0.02	0.22
8	Macomb	3	14	634	0.05	0.02	0.17
10	Berrien	10	8	190	0.06	0.02	0.24
10	Calhoun	11	7	178	0.06	0.02	0.25
11	Saginaw	9	11	233	0.05	0.02	0.27
12	Muskegon	12	13	168	0.05	0.03	0.20
13	St. Clair	13	16	140	0.05	0.02	0.18
14	Houghton	31	2	43	0.07	0.04	0.24
15	Marquette	24	10	65	0.06	0.02	0.20
16	Jackson	15	21	139	0.04	0.02	0.18
17	Ottawa	15	25	139	0.04	0.02	0.16
18	St. Joseph	23	17	66	0.04	0.03	0.22
19	Grand Traverse	22	19	68	0.04	0.02	0.19
20	Bay	16	32	102	0.04	0.02	0.18
21	Lenawee	20	29	72	0.04	0.02	0.15
23	Montcalm	26	26	64	0.04	0.02	0.22
23	Wexford	34	18	39	0.04	0.03	0.27
24	Allegan	19	37	80	0.04	0.02	0.16
25	Shiawassee	27	36	55	0.04	0.02	0.15
26	Isabella	31	33	43	0.04	0.02	0.15
27	Eaton	21	45	70	0.03	0.01	0.14
29	Ionia	28	42	47	0.03	0.02	0.16
29	Monroe	17	53	97	0.03	0.01	0.14
30	Emmet	43	31	26	0.04	0.02	0.19
31	Van Buren	26	49	64	0.03	0.02	0.17
32	Hillsdale	36	41	36	0.04	0.02	0.16
33	Manistee	52	27	19	0.04	0.02	0.17
34	Gogebic	65	15	13	0.05	0.02	0.15
35	Mackinac	59	22	16	0.04	0.01	0.29
37	Mason	46	35	25	0.04	0.02	0.18
37	Sanilac	41	40	27	0.04	0.02	0.13
38	Livingston	18	64	83	0.03	0.01	0.12
40	Alpena	50	34	21	0.04	0.02	0.14
40	Tuscola	32	52	40	0.03	0.02	0.14
42	Mecosta	39	46	30	0.03	0.02	0.16
42	Midland	29	56	44	0.03	0.01	0.11
42	Osceola	46	39	25	0.04	0.02	0.23
45	Alger	66	20	12	0.04	0.02	0.24
45	Newaygo	35	51	37	0.03	0.02	0.17

# 1994 - 1998 COUNTY RANKING

## KAB – Pedestrian Crash Frequency and Rate per Crash (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Pedestrian Crashes	Rate per Crash	OTHER RATES	
						Rate per 1 Million VMT	Rate per 1,000 Population
46	Cheboygan	49	38	22	0.04	0.01	0.19
47	Delta	40	47	29	0.03	0.02	0.15
49	Baraga	71	24	9	0.04	0.02	0.21
49	Branch	38	57	31	0.03	0.02	0.14
49	Cass	37	58	34	0.03	0.02	0.14
51	Iron	68	28	11	0.04	0.02	0.17
53	Gratiot	43	54	26	0.03	0.01	0.13
53	Ontonagon	74	23	8	0.04	0.01	0.19
54	Missaukee	68	30	11	0.04	0.02	0.16
55	Chippewa	49	50	22	0.03	0.01	0.12
56	Charlevoix	59	43	16	0.03	0.02	0.14
57	Gladwin	54	48	18	0.03	0.02	0.15
58	Lapeer	34	73	39	0.02	0.01	0.09
59	Ogemaw	54	55	18	0.03	0.01	0.17
61	Otsego	54	61	18	0.03	0.01	0.17
61	Presque Isle	71	44	9	0.03	0.01	0.13
62	Clinton	43	75	26	0.02	0.01	0.08
63	Huron	52	69	19	0.03	0.01	0.11
64	Dickinson	61	60	15	0.03	0.01	0.11
66	Barry	46	76	25	0.02	0.01	0.09
66	Kalkaska	63	59	14	0.03	0.02	0.19
66	Roscommon	56	66	17	0.03	0.01	0.15
69	Antrim	63	63	14	0.03	0.01	0.14
69	Iosco	59	68	16	0.03	0.01	0.13
70	Menominee	59	70	16	0.03	0.01	0.13
71	Schoolcraft	77	62	7	0.03	0.01	0.16
72	Benzie	74	68	8	0.03	0.01	0.11
74	Clare	63	79	14	0.02	0.01	0.10
74	Crawford	71	71	9	0.02	0.01	0.13
75	Oscoda	79	65	6	0.03	0.01	0.14
76	Oceana	68	77	11	0.02	0.01	0.09
77	Lake	77	74	7	0.02	0.01	0.14
78	Keweenaw	82	72	2	0.02	0.01	0.20
79	Arenac	74	81	8	0.02	0.01	0.10
80	Alcona	80	78	5	0.02	0.01	0.09
81	Leelanau	79	80	6	0.02	0.00	0.06
82	Montmorency	82	82	2	0.01	0.01	0.04
83	Luce	83	83	1	0.01	0.00	0.03

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Had Been Drinking Crash Frequency and Rate per Crash

Overall Rank	COUNTY	OTHER RATES						
		Frequency Ranking	Rate per Crash Ranking	Number of Had Been Drinking Crashes	Rate per Crash	Rate per 1 Million VMT	Rate per 1,000 Drivers	Rate per 1,000 Population
1	Genesee	4	25	2,079	0.24	0.10	1.38	0.95
2	Cass	27	12	298	0.26	0.14	1.67	1.20
3	Iosco	37	3	192	0.31	0.15	1.78	1.56
4	St Clair	10	31	677	0.23	0.09	1.18	0.87
5	Bay	15	35	591	0.22	0.10	1.45	1.07
6	Barry	26	24	302	0.24	0.16	1.57	1.13
7	Chippewa	41	11	174	0.26	0.10	1.50	0.93
8	Shiawassee	23	30	346	0.23	0.10	1.31	0.96
9	Allegan	18	36	482	0.22	0.10	1.39	0.98
10	Monroe	12	44	638	0.21	0.08	1.23	0.91
11	Jackson	11	46	665	0.21	0.09	1.25	0.86
12	Roscommon	43	15	161	0.25	0.10	1.64	1.41
13	Van Buren	20	40	413	0.21	0.10	1.57	1.10
14	Cheboygan	44	17	154	0.25	0.10	1.64	1.33
15	Ogemaw	48	18	143	0.25	0.11	1.78	1.38
17	Gladwin	53	14	134	0.25	0.14	1.41	1.09
17	Ionia	28	39	287	0.21	0.09	1.48	0.95
19	Livingston	13	55	600	0.20	0.08	1.16	0.87
19	Menominee	46	22	152	0.24	0.13	1.66	1.24
20	Alcona	68	1	94	0.36	0.14	2.07	1.74
22	Leelanau	65	4	103	0.31	0.08	1.37	1.11
22	Marquette	31	38	252	0.21	0.09	1.09	0.79
22	Saginaw	8	61	820	0.18	0.08	1.12	0.96
25	Alpena	50	21	138	0.24	0.10	1.18	0.90
25	Lapeer	22	49	355	0.20	0.09	1.19	0.83
25	Montcalm	24	47	331	0.20	0.13	1.61	1.13
27	Kalamazoo	9	64	817	0.18	0.08	1.00	0.71
29	Newaygo	33	42	240	0.21	0.15	1.51	1.08
29	Tuscola	30	45	255	0.21	0.10	1.20	0.88
31	Calhoun	16	60	562	0.19	0.07	1.14	0.80
31	Mackinac	66	10	97	0.26	0.07	2.13	1.76
32	Macomb	3	74	2,147	0.17	0.08	0.76	0.56
33	Berrien	15	63	591	0.18	0.06	1.00	0.73
34	Presque Isle	71	7	74	0.28	0.09	1.31	1.04
36	Arenac	56	23	126	0.24	0.09	2.06	1.55
36	Mecosta	38	41	184	0.21	0.10	1.47	0.95
37	Oscoda	75	5	69	0.31	0.14	2.04	1.58
38	Oakland	2	78	3,031	0.15	0.05	0.69	0.52
40	Houghton	52	29	135	0.23	0.14	1.17	0.75
40	Washtenaw	6	75	859	0.16	0.06	0.82	0.58
42	Ingham	7	77	851	0.16	0.08	0.91	0.60
42	Wayne	1	83	5,144	0.12	0.06	0.82	0.49
44	Kent	5	80	1,486	0.15	0.06	0.79	0.56
44	Keweenaw	83	2	31	0.35	0.22	4.13	3.09
46	Gogebic	73	13	70	0.26	0.09	1.09	0.80
46	Montmorency	77	9	65	0.26	0.17	1.66	1.32

# 1994 - 1998 COUNTY RANKING

## KAB – Had Been Drinking Crash Frequency and Rate per Crash (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per Crash Ranking	Number of Had Been Drinking Crashes	Rate per Crash	OTHER RATES		
						Rate per 1 Million VMT	Rate per 1,000 Drivers	Rate per 1,000 Population
47	Eaton	21	65	365	0.18	0.07	1.01	0.74
50	Manistee	61	26	112	0.23	0.12	1.25	0.97
50	Oceana	55	32	128	0.22	0.11	1.37	1.06
50	Ontonagon	81	6	57	0.30	0.10	1.74	1.37
50	St. Joseph	29	58	275	0.19	0.11	1.25	0.90
53	Baraga	80	8	60	0.28	0.12	2.00	1.42
53	Lake	69	19	80	0.25	0.12	2.14	1.61
54	Muskegon	17	73	557	0.17	0.09	1.00	0.67
55	Isabella	36	56	222	0.19	0.09	1.29	0.78
57	Alger	75	20	69	0.25	0.12	1.97	1.40
57	Schoolcraft	79	16	63	0.25	0.09	1.88	1.45
57	Wexford	41	54	174	0.20	0.11	1.60	1.21
60	Kalkaska	62	33	111	0.22	0.12	1.94	1.47
60	Lenawee	25	70	317	0.17	0.08	0.92	0.65
61	Clinton	35	62	228	0.18	0.05	1.03	0.73
62	Sanilac	47	53	149	0.20	0.09	0.94	0.70
63	Benzie	73	28	70	0.23	0.09	1.23	1.00
65	Midland	32	69	247	0.17	0.07	0.81	0.61
65	Ottawa	19	82	481	0.14	0.06	0.63	0.55
66	Emmet	51	52	136	0.20	0.11	1.21	0.98
67	Iron	77	27	65	0.23	0.10	1.30	0.99
68	Clare	49	57	140	0.19	0.08	1.28	0.98
69	Antrim	64	43	107	0.21	0.08	1.30	1.04
70	Branch	39	71	175	0.17	0.09	1.16	0.81
71	Delta	45	66	153	0.18	0.08	1.05	0.79
72	Missaukee	79	34	63	0.22	0.11	1.27	0.93
73	Grand Traverse	34	79	235	0.15	0.07	0.84	0.65
74	Dickinson	64	50	107	0.20	0.10	1.02	0.79
75	Charlevoix	68	48	94	0.20	0.10	1.00	0.80
77	Hillsdale	42	76	162	0.16	0.09	0.99	0.71
77	Otsego	59	59	119	0.19	0.10	1.44	1.12
78	Luce	82	37	37	0.22	0.12	1.65	1.20
80	Crawford	70	51	78	0.20	0.07	1.66	1.14
80	Huron	54	67	130	0.18	0.09	0.92	0.74
81	Osceola	57	68	124	0.18	0.08	1.49	1.13
82	Mason	60	72	115	0.17	0.11	1.13	0.83
83	Gratiot	58	81	122	0.15	0.05	0.86	0.61

# 1994 - 1998 COUNTY RANKING

## Killed, A-Injury, and B-Injury Combined (KAB) – Crash Frequency and Rate per 1 Million VMT

Overall Rank	COUNTY	OTHER RATES					
		Frequency Ranking	Rate per 1M VMT Ranking	Number of KAB Crashes	Rate per 1 Million VMT	Rate per 1,000 Drivers	Rate per 1,000 Population
1	Wayne	1	20	43,001	0.51	6.83	4.09
2	Muskegon	11	14	3,313	0.54	5.92	4.01
3	Montcalm	24	7	1,619	0.61	7.89	5.51
5	Barry	30	2	1,283	0.67	6.68	4.82
5	Macomb	3	29	12,793	0.49	4.51	3.36
7	Ingham	6	31	5,410	0.48	5.80	3.84
7	Newaygo	36	1	1,138	0.73	7.14	5.14
7	St. Joseph	27	10	1,475	0.56	6.73	4.85
10	Cass	34	13	1,158	0.55	6.49	4.66
10	Hillsdale	38	9	1,025	0.57	6.27	4.48
10	Wexford	39	8	887	0.58	8.18	6.16
13	Branch	37	15	1,028	0.54	6.82	4.78
13	Mason	48	4	682	0.63	6.71	4.94
15	Saginaw	9	45	4,479	0.44	6.10	5.22
15	Tuscola	32	22	1,235	0.51	5.82	4.28
15	Van Buren	21	33	1,949	0.48	7.39	5.20
18	Bay	18	39	2,715	0.46	6.68	4.90
18	Kent	4	53	10,031	0.42	5.32	3.76
19	Lenawee	22	36	1,847	0.48	5.37	3.80
21	Genesee	5	56	8,843	0.42	5.85	4.06
21	Houghton	55	6	595	0.62	5.17	3.31
21	Lapeer	23	38	1,762	0.46	5.91	4.14
23	Kalamazoo	8	54	4,494	0.42	5.48	3.93
24	Emmet	47	16	690	0.54	6.16	4.96
25	Jackson	13	51	3,224	0.43	6.05	4.17
26	Allegan	19	47	2,231	0.44	6.44	4.51
27	Shiawassee	26	41	1,533	0.45	5.83	4.25
29	Grand Traverse	25	43	1,561	0.44	5.57	4.34
29	Mecosta	40	28	872	0.49	6.97	4.52
31	Menominee	52	18	637	0.53	6.95	5.20
31	Otsego	51	19	641	0.53	7.76	6.04
32	Isabella	35	37	1,154	0.47	6.70	4.05
33	Ottawa	10	63	3,436	0.40	4.52	3.92
35	Kalkaska	63	11	496	0.56	8.66	6.56
35	St. Clair	17	57	3,006	0.42	5.26	3.85
36	Huron	45	30	734	0.49	5.21	4.16
37	Calhoun	16	60	3,034	0.40	6.15	4.31
39	Gladwin	61	17	528	0.54	5.55	4.29
39	Ionia	29	49	1,353	0.43	6.98	4.48
39	Oakland	2	76	19,719	0.35	4.49	3.40
41	Eaton	20	59	2,023	0.41	5.59	4.08
43	Livingston	14	66	3,061	0.39	5.92	4.44
43	Osceola	46	34	702	0.47	8.44	6.42
44	Dickinson	60	21	532	0.51	5.09	3.92
45	Montmorency	78	3	246	0.64	6.29	5.01

# 1994 - 1998 COUNTY RANKING

## KAB – Crash Frequency and Rate per 1 Million VMT (Continued)

Overall Rank	COUNTY	Frequency Ranking	Rate per 1M VMT Ranking	Number of KAB Crashes	Rate per 1 Million VMT	OTHER RATES	
						Rate per 1,000 Drivers	Rate per 1,000 Population
46	Washtenaw	7	77	5,212	0.34	4.99	3.52
48	Berrien	12	73	3,249	0.36	5.49	4.03
48	Delta	41	44	850	0.44	5.81	4.39
48	Monroe	15	70	3,042	0.38	5.86	4.32
50	Keweenaw	83	5	89	0.63	11.86	8.88
52	Iosco	54	35	612	0.47	5.67	4.96
52	Midland	28	61	1,431	0.40	4.67	3.55
52	Oceana	57	32	571	0.48	6.13	4.71
55	Charlevoix	65	25	462	0.50	4.91	3.94
55	Clare	44	46	738	0.44	6.74	5.17
55	Manistee	64	26	481	0.50	5.37	4.18
58	Marquette	33	58	1,181	0.41	5.13	3.68
58	Sanilac	43	48	759	0.44	4.79	3.58
59	Lake	69	23	322	0.50	8.62	6.47
60	Luce	82	12	172	0.55	7.68	5.57
61	Missaukee	71	24	283	0.50	5.69	4.16
62	Ogemaw	56	40	575	0.46	7.18	5.54
63	Alger	73	27	278	0.49	7.93	5.63
65	Alpena	58	55	565	0.42	4.82	3.68
65	Chippewa	49	64	676	0.39	5.81	3.62
65	Clinton	31	82	1,247	0.26	5.66	4.00
67	Cheboygan	53	62	617	0.40	6.56	5.33
68	Gratiot	42	75	827	0.35	5.84	4.14
69	Roscommon	50	68	642	0.38	6.56	5.64
70	Oscoda	79	42	226	0.45	6.68	5.18
71	Iron	72	50	280	0.43	5.60	4.28
72	Arenac	60	71	532	0.37	8.68	6.55
73	Antrim	62	69	509	0.38	6.19	4.94
74	Baraga	80	52	218	0.43	7.28	5.15
75	Benzie	70	67	306	0.38	5.40	4.38
76	Alcona	75	65	262	0.39	5.78	4.86
77	Crawford	66	78	388	0.34	8.24	5.67
78	Gogebic	74	74	273	0.35	4.26	3.10
80	Leelanau	68	81	336	0.27	4.46	3.62
80	Schoolcraft	77	72	252	0.37	7.52	5.79
81	Mackinac	67	83	372	0.25	8.18	6.74
82	Presque Isle	76	80	260	0.30	4.60	3.64
83	Ontonagon	81	79	191	0.33	5.84	4.58