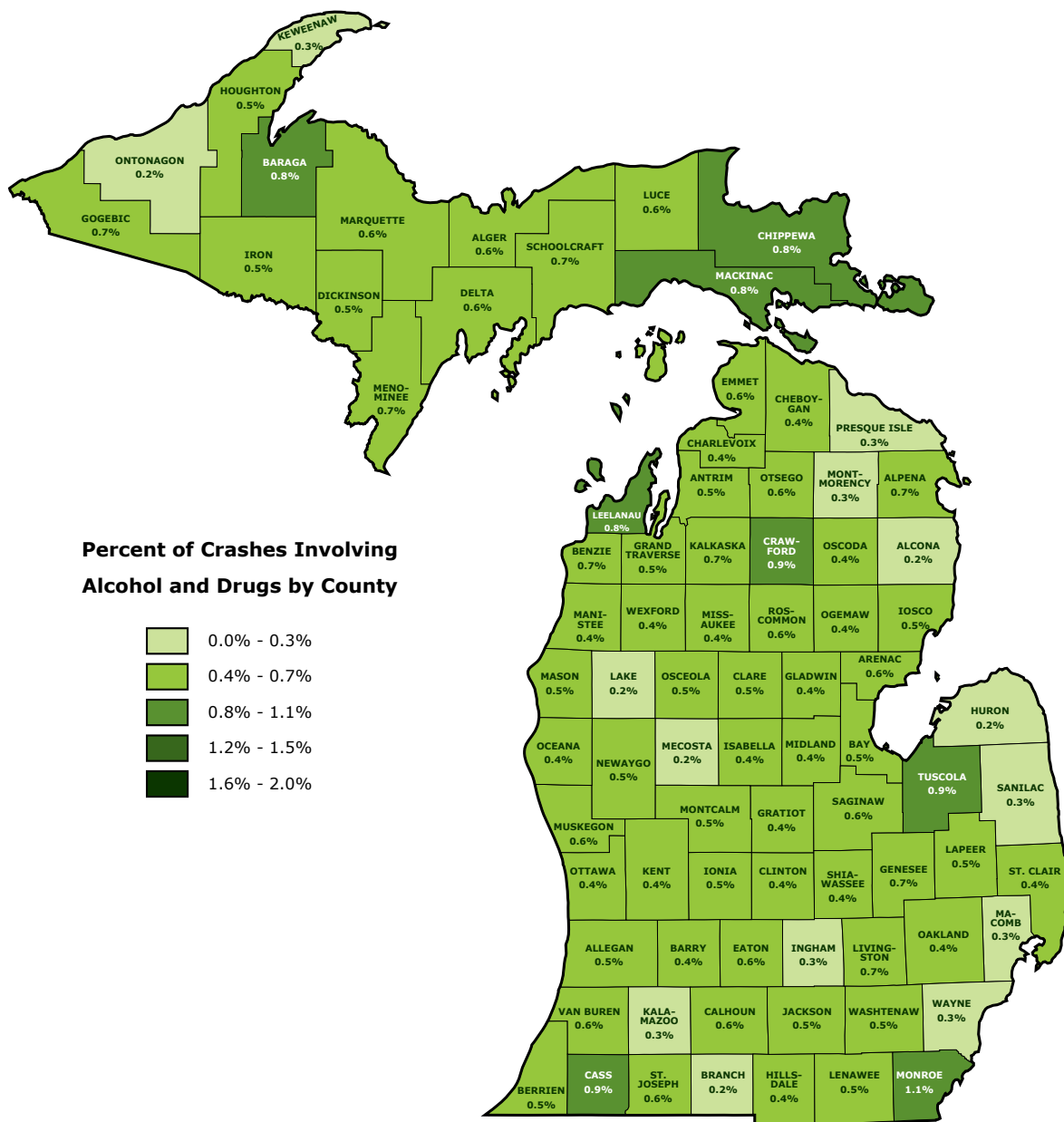


2017 - 2021

This map displays shaded categories of alcohol- and drug-involved crashes in each county as a percentage of the total crashes for that county. Darker shades represent higher percentages of alcohol- and drug-involved crashes and lighter shades represent lower percentages.



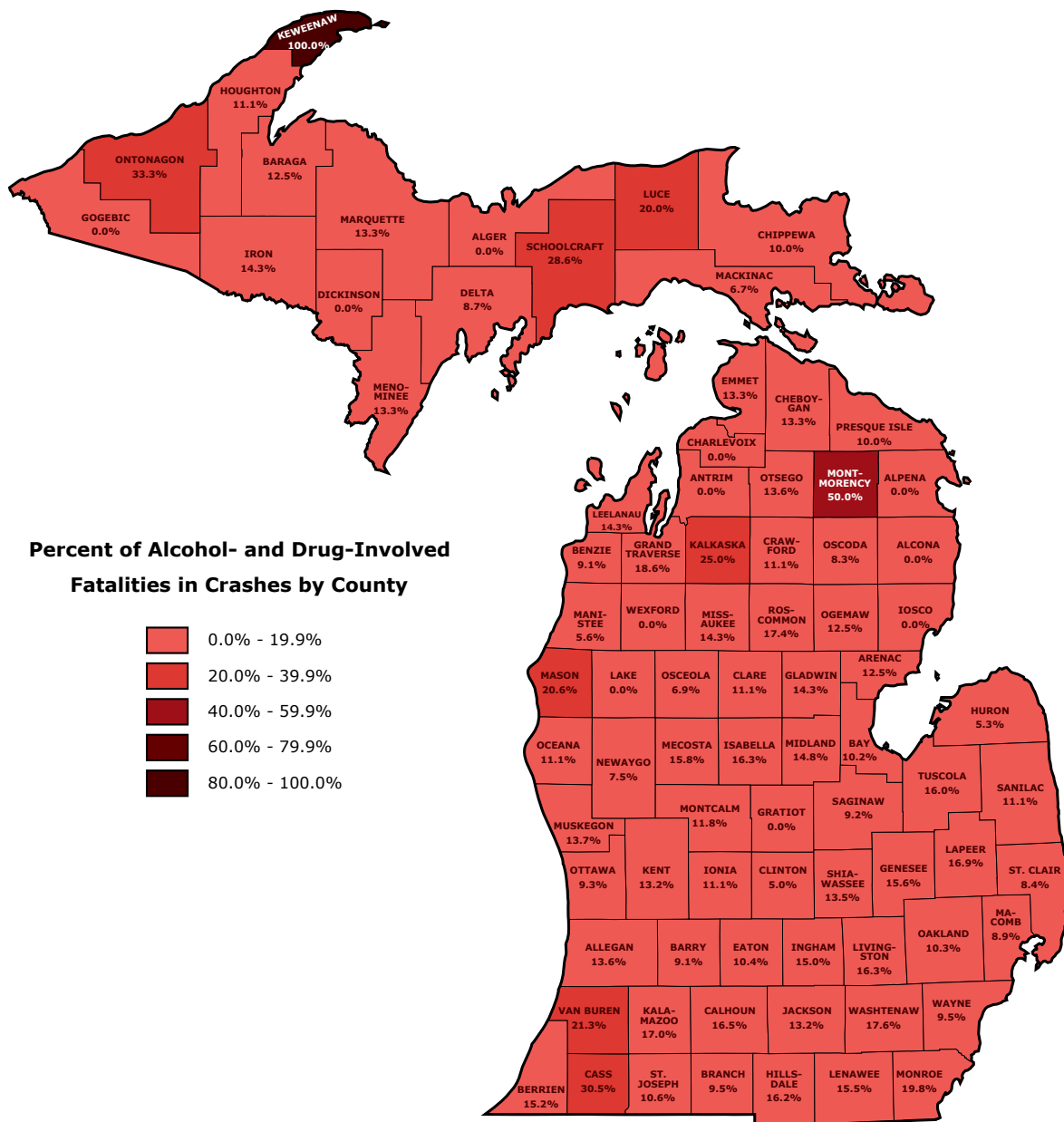
2017 - 2021 ALCOHOL AND DRUGS

COUNTY	ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL CRASHES	PERCENT OF ALCOHOL- AND DRUG- INVOLVED CRASHES
Alcona	7	2,839	0.2
Alger	8	1,414	0.6
Allegan	87	18,600	0.5
Alpena	29	3,978	0.7
Antrim	24	4,491	0.5
Arenac	22	3,743	0.6
Baraga	12	1,474	0.8
Barry	33	7,726	0.4
Bay	75	14,849	0.5
Benzie	19	2,898	0.7
Berrien	100	22,210	0.5
Branch	19	7,893	0.2
Calhoun	122	20,875	0.6
Cass	68	7,568	0.9
Charlevoix	23	5,476	0.4
Cheboygan	21	5,190	0.4
Chippewa	35	4,373	0.8
Clare	27	5,403	0.5
Clinton	46	11,515	0.4
Crawford	26	3,004	0.9
Delta	36	6,049	0.6
Dickinson	22	4,351	0.5
Eaton	93	15,443	0.6
Emmet	38	6,655	0.6
Genesee	337	51,597	0.7
Gladwin	14	3,852	0.4
Gogebic	8	1,162	0.7
Grand Traverse	86	17,226	0.5
Gratiot	31	8,018	0.4
Hillsdale	35	8,282	0.4
Houghton	23	4,273	0.5
Huron	18	7,445	0.2
Ingham	124	43,344	0.3
Ionia	47	8,696	0.5
Iosco	15	3,147	0.5
Iron	13	2,432	0.5
Isabella	54	12,763	0.4
Jackson	138	26,003	0.5
Kalamazoo	129	40,911	0.3
Kalkaska	22	3,027	0.7
Kent	401	105,257	0.4
Keweenaw	1	352	0.3

COUNTY	ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL CRASHES	PERCENT OF ALCOHOL- AND DRUG- INVOLVED CRASHES
Lake	5	2,037	0.2
Lapeer	74	14,107	0.5
Leelanau	26	3,113	0.8
Lenawee	65	11,870	0.5
Livingston	163	22,601	0.7
Luce	5	807	0.6
Mackinac	23	2,809	0.8
Macomb	389	114,765	0.3
Manistee	19	4,710	0.4
Marquette	52	8,246	0.6
Mason	36	6,596	0.5
Mecosta	18	8,981	0.2
Menominee	14	1,902	0.7
Midland	56	12,728	0.4
Missaukee	14	3,200	0.4
Monroe	197	18,179	1.1
Montcalm	50	10,262	0.5
Montmorency	6	1,719	0.3
Muskegon	131	23,654	0.6
Newaygo	40	7,689	0.5
Oakland	639	181,345	0.4
Oceana	23	5,197	0.4
Ogemaw	17	3,963	0.4
Ontonagon	3	1,482	0.2
Osceola	30	5,650	0.5
Oscoda	5	1,255	0.4
Otsego	26	4,490	0.6
Ottawa	156	38,671	0.4
Presque Isle	10	3,009	0.3
Roscommon	21	3,735	0.6
Saginaw	163	26,700	0.6
St. Clair	72	18,095	0.4
St. Joseph	53	8,350	0.6
Sanilac	20	7,726	0.3
Schoolcraft	13	1,872	0.7
Shiawassee	43	10,590	0.4
Tuscola	81	8,758	0.9
Van Buren	68	11,241	0.6
Washtenaw	259	49,518	0.5
Wayne	846	256,534	0.3
Wexford	22	6,207	0.4
Total	6,441	1,470,167	0.4

2017 - 2021

This map displays shaded categories of fatalities in alcohol- and drug-involved crashes in each county as a percentage of the total fatalities for that county. Darker shades represent higher percentages of alcohol- and drug-involved crash fatalities and lighter shades represent lower percentages.



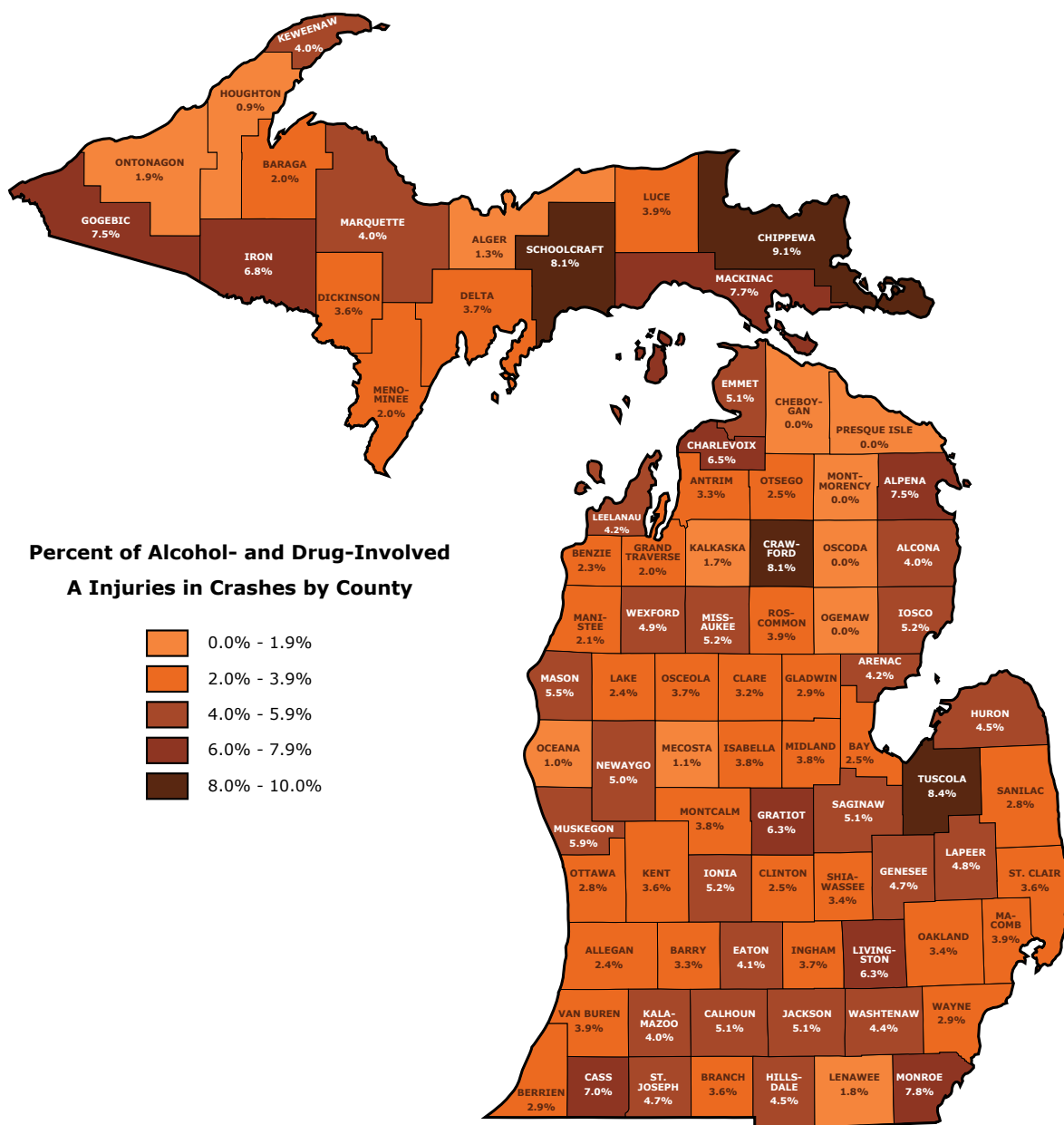
2017 - 2021 ALCOHOL AND DRUGS

COUNTY	FATALITIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL FATALITIES	PERCENT OF FATALITIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES
Alcona	0	6	0.0
Alger	0	10	0.0
Allegan	11	81	13.6
Alpena	0	9	0.0
Antrim	0	16	0.0
Arenac	3	24	12.5
Baraga	1	8	12.5
Barry	4	44	9.1
Bay	5	49	10.2
Benzie	1	11	9.1
Berrien	16	105	15.2
Branch	2	21	9.5
Calhoun	16	97	16.5
Cass	18	59	30.5
Charlevoix	0	16	0.0
Cheboygan	2	15	13.3
Chippewa	2	20	10.0
Clare	3	27	11.1
Clinton	2	40	5.0
Crawford	1	9	11.1
Delta	2	23	8.7
Dickinson	0	21	0.0
Eaton	8	77	10.4
Emmet	2	15	13.3
Genesee	39	250	15.6
Gladwin	2	14	14.3
Gogebic	0	7	0.0
Grand Traverse	8	43	18.6
Gratiot	0	27	0.0
Hillsdale	6	37	16.2
Houghton	2	18	11.1
Huron	1	19	5.3
Ingham	16	107	15.0
Ionia	5	45	11.1
Iosco	0	25	0.0
Iron	1	7	14.3
Isabella	8	49	16.3
Jackson	12	91	13.2
Kalamazoo	25	147	17.0
Kalkaska	4	16	25.0
Kent	40	304	13.2
Keweenaw	1	1	100.0

COUNTY	FATALITIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL FATALITIES	PERCENT OF FATALITIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES
Lake	0	8	0.0
Lapeer	10	59	16.9
Leelanau	2	14	14.3
Lenawee	11	71	15.5
Livingston	14	86	16.3
Luce	1	5	20.0
Mackinac	1	15	6.7
Macomb	22	248	8.9
Manistee	1	18	5.6
Marquette	4	30	13.3
Mason	7	34	20.6
Mecosta	3	19	15.8
Menominee	2	15	13.3
Midland	8	54	14.8
Missaukee	1	7	14.3
Monroe	22	111	19.8
Montcalm	9	76	11.8
Montmorency	1	2	50.0
Muskegon	14	102	13.7
Newaygo	4	53	7.5
Oakland	33	319	10.3
Oceana	2	18	11.1
Ogemaw	3	24	12.5
Ontonagon	2	6	33.3
Osceola	2	29	6.9
Oscoda	1	12	8.3
Otsego	3	22	13.6
Ottawa	10	107	9.3
Presque Isle	1	10	10.0
Roscommon	4	23	17.4
Saginaw	9	98	9.2
St. Clair	8	95	8.4
St. Joseph	7	66	10.6
Sanilac	3	27	11.1
Schoolcraft	2	7	28.6
Shiawassee	5	37	13.5
Tuscola	8	50	16.0
Van Buren	17	80	21.3
Washtenaw	26	148	17.6
Wayne	91	960	9.5
Wexford	0	26	0.0
Total	643	5,201	12.4

2017 - 2021

This map displays shaded categories of suspected serious injuries (A injuries) in alcohol- and drug-involved crashes in each county as a percentage of the total A injuries for that county. Darker shades represent higher percentages of alcohol- and drug-involved crash A injuries and lighter shades represent lower percentages.



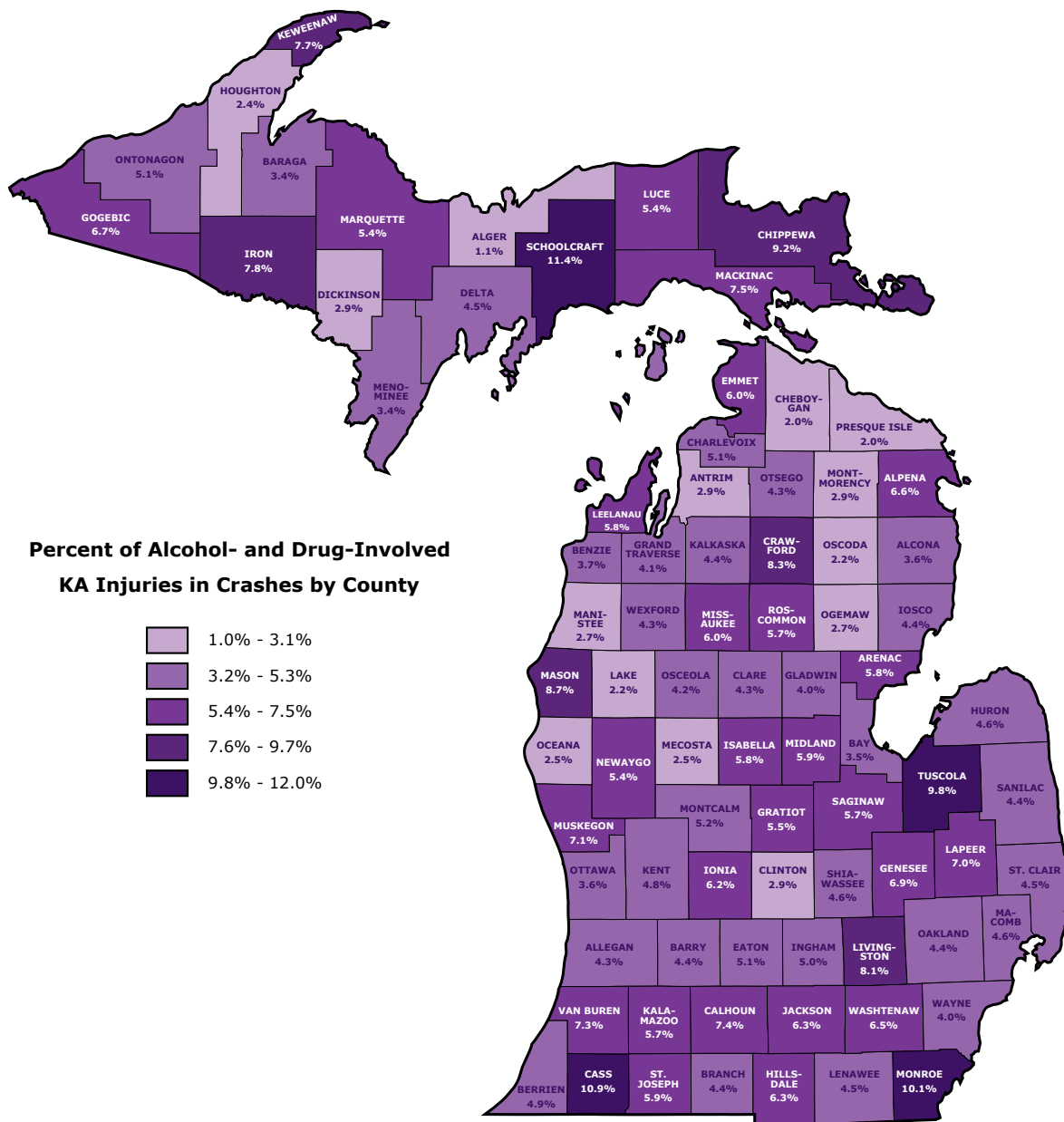
2017 - 2021 ALCOHOL AND DRUGS

COUNTY	A INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL A INJURIES	PERCENT OF A INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES
Alcona	2	50	4.0
Alger	1	79	1.3
Allegan	9	380	2.4
Alpena	5	67	7.5
Antrim	4	120	3.3
Arenac	4	96	4.2
Baraga	1	50	2.0
Barry	6	184	3.3
Bay	8	326	2.5
Benzie	1	43	2.3
Berrien	16	551	2.9
Branch	5	137	3.6
Calhoun	20	390	5.1
Cass	21	299	7.0
Charlevoix	4	62	6.5
Cheboygan	0	86	0.0
Chippewa	12	132	9.1
Clare	5	158	3.2
Clinton	5	204	2.5
Crawford	10	124	8.1
Delta	5	134	3.7
Dickinson	3	83	3.6
Eaton	16	394	4.1
Emmet	6	118	5.1
Genesee	46	980	4.7
Gladwin	4	136	2.9
Gogebic	4	53	7.5
Grand Traverse	6	302	2.0
Gratiot	11	174	6.3
Hillsdale	9	200	4.5
Houghton	1	108	0.9
Huron	6	132	4.5
Ingham	31	832	3.7
Ionia	11	212	5.2
Iosco	7	134	5.2
Iron	3	44	6.8
Isabella	10	262	3.8
Jackson	25	494	5.1
Kalamazoo	38	951	4.0
Kalkaska	2	120	1.7
Kent	75	2,087	3.6
Keweenaw	1	25	4.0

COUNTY	A INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL A INJURIES	PERCENT OF A INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES
Lake	2	82	2.4
Lapeer	13	270	4.8
Leelanau	3	72	4.2
Lenawee	5	285	1.8
Livingston	24	381	6.3
Luce	2	51	3.9
Mackinac	6	78	7.7
Macomb	59	1,520	3.9
Manistee	2	95	2.1
Marquette	7	175	4.0
Mason	7	127	5.5
Mecosta	2	179	1.1
Menominee	2	101	2.0
Midland	9	234	3.8
Missaukee	4	77	5.2
Monroe	35	451	7.8
Montcalm	14	364	3.8
Montmorency	0	33	0.0
Muskegon	33	561	5.9
Newaygo	14	278	5.0
Oakland	70	2,048	3.4
Oceana	1	100	1.0
Ogemaw	0	87	0.0
Ontonagon	1	53	1.9
Osceola	6	161	3.7
Oscoda	0	33	0.0
Otsego	3	118	2.5
Ottawa	20	725	2.8
Presque Isle	0	41	0.0
Roscommon	6	153	3.9
Saginaw	30	589	5.1
St. Clair	16	441	3.6
St. Joseph	12	254	4.7
Sanilac	3	109	2.8
Schoolcraft	3	37	8.1
Shiawassee	9	267	3.4
Tuscola	18	214	8.4
Van Buren	13	330	3.9
Washtenaw	34	770	4.4
Wayne	149	5,069	2.9
Wexford	9	185	4.9
Total	1,105	28,711	3.8

2017 - 2021

This map displays shaded categories of fatalities and suspected serious injuries (KA injuries) in alcohol- and drug-involved crashes in each county as a percentage of the total KA injuries for that county. Darker shades represent higher percentages of alcohol- and drug-involved crash KA injuries and lighter shades represent lower percentages.



2017 - 2021 ALCOHOL AND DRUGS

COUNTY	KA INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL KA INJURIES	PERCENT OF KA INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES
Alcona	2	56	3.6
Alger	1	89	1.1
Allegan	20	461	4.3
Alpena	5	76	6.6
Antrim	4	136	2.9
Arenac	7	120	5.8
Baraga	2	58	3.4
Barry	10	228	4.4
Bay	13	375	3.5
Benzie	2	54	3.7
Berrien	32	656	4.9
Branch	7	158	4.4
Calhoun	36	487	7.4
Cass	39	358	10.9
Charlevoix	4	78	5.1
Cheboygan	2	101	2.0
Chippewa	14	152	9.2
Clare	8	185	4.3
Clinton	7	244	2.9
Crawford	11	133	8.3
Delta	7	157	4.5
Dickinson	3	104	2.9
Eaton	24	471	5.1
Emmet	8	133	6.0
Genesee	85	1,230	6.9
Gladwin	6	150	4.0
Gogebic	4	60	6.7
Grand Traverse	14	345	4.1
Gratiot	11	201	5.5
Hillsdale	15	237	6.3
Houghton	3	126	2.4
Huron	7	151	4.6
Ingham	47	939	5.0
Ionia	16	257	6.2
Iosco	7	159	4.4
Iron	4	51	7.8
Isabella	18	311	5.8
Jackson	37	585	6.3
Kalamazoo	63	1,098	5.7
Kalkaska	6	136	4.4
Kent	115	2,391	4.8
Keweenaw	2	26	7.7

COUNTY	KA INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES	TOTAL KA INJURIES	PERCENT OF KA INJURIES IN ALCOHOL- AND DRUG- INVOLVED CRASHES
Lake	2	90	2.2
Lapeer	23	329	7.0
Leelanau	5	86	5.8
Lenawee	16	356	4.5
Livingston	38	467	8.1
Luce	3	56	5.4
Mackinac	7	93	7.5
Macomb	81	1,768	4.6
Manistee	3	113	2.7
Marquette	11	205	5.4
Mason	14	161	8.7
Mecosta	5	198	2.5
Menominee	4	116	3.4
Midland	17	288	5.9
Missaukee	5	84	6.0
Monroe	57	562	10.1
Montcalm	23	440	5.2
Montmorency	1	35	2.9
Muskegon	47	663	7.1
Newaygo	18	331	5.4
Oakland	103	2,367	4.4
Oceana	3	118	2.5
Ogemaw	3	111	2.7
Ontonagon	3	59	5.1
Osceola	8	190	4.2
Oscoda	1	45	2.2
Otsego	6	140	4.3
Ottawa	30	832	3.6
Presque Isle	1	51	2.0
Roscommon	10	176	5.7
Saginaw	39	687	5.7
St. Clair	24	536	4.5
St. Joseph	19	320	5.9
Sanilac	6	136	4.4
Schoolcraft	5	44	11.4
Shiawassee	14	304	4.6
Tuscola	26	264	9.8
Van Buren	30	410	7.3
Washtenaw	60	918	6.5
Wayne	240	6,029	4.0
Wexford	9	211	4.3
Total	1,748	33,912	5.2