



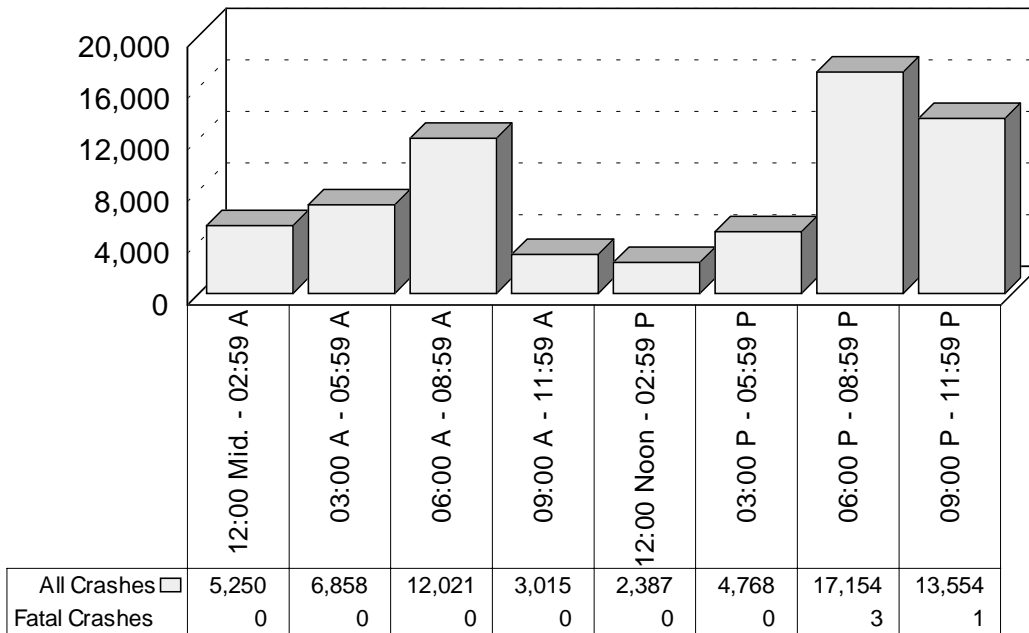


## LIGHT CONDITION AND TIME OF DAY IN MOTOR VEHICLE-DEER CRASHES

LIGHT CONDITION	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	
Daylight	12,837	19.6	0	0.0	56	238	310	12,233
Dawn	5,250	8.0	0	0.0	7	37	88	5,118
Dusk	3,554	5.4	1	25.0	9	43	72	3,429
Dark - Lighted	2,003	3.1	0	0.0	3	15	42	1,943
Dark - Unlighted	41,169	63.0	3	75.0	86	306	686	40,088
Other/Unknown	584	0.9	0	0.0	3	7	12	562
<b>Totals</b>	<b>65,397</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>164</b>	<b>646</b>	<b>1,210</b>	<b>63,373</b>

Three of the four fatal deer crashes in Michigan in 1998 occurred in dark-unlighted conditions. All motor vehicle-deer involved/associated crashes peaked during the 6:00 - 8:59 PM time period. There were 3 fatal deer crashes during this time period.

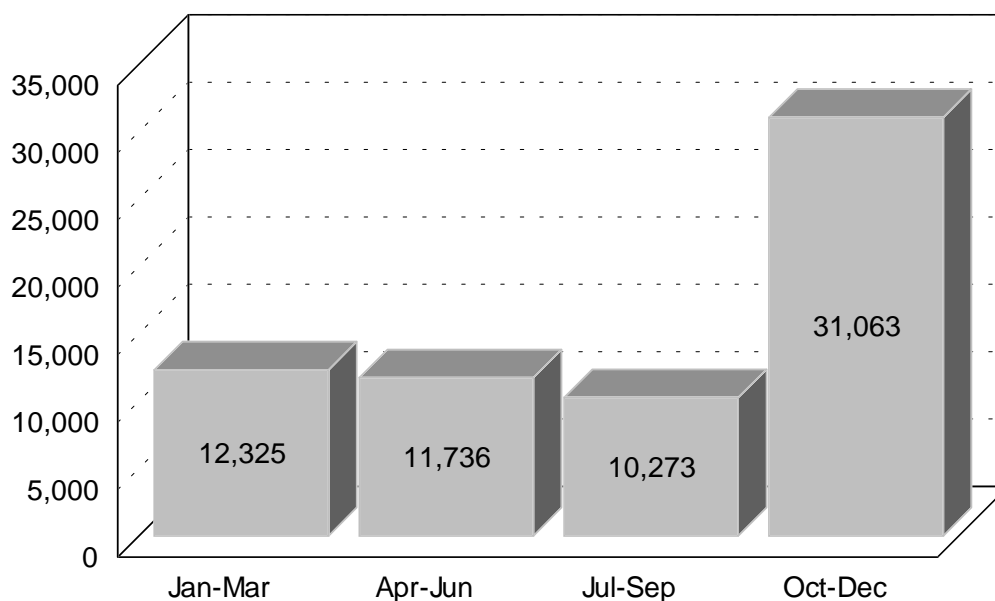
### Time and Severity of All Motor Vehicle-Deer Crashes



## MONTHLY AND SEASONAL RATES FOR MOTOR VEHICLE-DEER CRASHES

MONTH	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	
January	5,354	8.2	0	0.0	5	24	57	5,268
February	3,926	6.0	1	25.0	2	22	41	3,860
March	3,045	4.7	0	0.0	3	23	46	2,973
April	3,403	5.2	0	0.0	8	31	72	3,292
May	4,318	6.6	0	0.0	18	68	114	4,118
June	4,015	6.1	0	0.0	10	62	113	3,830
July	3,269	5.0	0	0.0	12	64	89	3,104
August	2,682	4.1	1	25.0	20	51	63	2,547
September	4,322	6.6	0	0.0	27	56	96	4,143
October	10,334	15.8	2	50.0	21	92	183	10,036
November	13,731	21.0	0	0.0	28	114	245	13,344
December	6,998	10.7	0	0.0	10	39	91	6,858
Totals	65,397	100.0	4	100.0	164	646	1,210	63,373

### All Motor Vehicle-Deer Crashes



Crashes involving deer occurred most frequently during the first quarter (18.8%) and the fourth quarter (47.5%) of the year for a total of 66 percent of all reported motor vehicle-deer collisions.



## REPORTED STATEWIDE MOTOR VEHICLE-DEER CRASHES BY COUNTY IN MICHIGAN

COUNTY	All	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Persons Killed	Persons Injured
Alcona	670	0	15	655	0	111	120	439	0	16
Alger	160	0	2	158	0	16	69	75	0	3
Allegan	1,058	0	37	1,021	59	86	164	749	0	41
Alpena	562	0	24	538	0	70	131	361	0	30
Antrim	522	0	8	514	0	120	92	310	0	11
Arenac	545	0	12	533	49	119	36	341	0	15
Baraga	280	0	11	269	0	113	46	121	0	14
Barry	1,266	0	43	1,223	0	0	401	865	0	48
Bay	386	0	15	371	12	20	63	291	0	18
Benzie	312	0	4	308	0	76	61	175	0	4
Berrien	732	0	26	706	102	134	73	423	0	30
Branch	956	0	25	931	101	79	54	722	0	29
Calhoun	1,766	0	39	1,727	235	0	263	1,268	0	46
Cass	839	0	29	810	1	51	263	524	0	34
Charlevoix	554	0	13	541	0	150	100	304	0	17
Cheboygan	387	0	22	365	77	18	93	199	0	25
Chippewa	516	0	20	496	59	0	197	260	0	22
Clare	770	0	23	747	0	152	136	482	0	28
Clinton	1,130	0	30	1,100	117	193	61	759	0	36
Crawford	392	0	6	386	47	9	104	232	0	7
Delta	1,051	0	21	1,030	0	216	195	640	0	22
Dickinson	809	0	17	792	0	245	211	353	0	19
Eaton	1,430	0	49	1,381	160	35	372	863	0	55
Emmet	464	0	16	448	1	104	32	327	0	17
Genesee	1,193	0	40	1,153	111	20	151	911	0	48
Gladwin	661	0	11	650	0	0	217	444	0	12
Gogebic	242	0	14	228	0	100	12	130	0	14
Grand Traverse	611	0	11	600	0	68	97	446	0	12
Gratiot	809	0	30	779	0	139	120	550	0	46
Hillsdale	1,030	0	33	997	0	64	183	783	0	36
Houghton	346	0	13	333	0	87	94	165	0	18
Huron	1,215	0	16	1,199	0	0	440	775	0	19
Ingham	1,345	0	40	1,305	117	113	157	958	0	44
Ionia	1,203	0	34	1,169	84	0	298	821	0	38
Iosco	676	0	16	660	0	87	202	387	0	23
Iron	692	0	23	669	0	170	216	306	0	27
Isabella	1,157	0	31	1,126	0	138	84	935	0	35
Jackson	1,925	1	46	1,878	97	111	235	1,482	1	57
Kalamazoo	1,319	0	48	1,271	53	69	84	1,113	0	68
Kalkaska	302	0	9	293	0	33	79	190	0	10
Kent	2,108	0	78	2,030	111	91	292	1,614	0	87
Keweenaw	41	0	2	39	0	18	5	18	0	2
Lake	426	0	13	413	0	72	69	285	0	15
Lapeer	1,439	0	38	1,401	93	0	256	1,090	0	41
Leelanau	214	0	4	210	0	0	83	131	0	4
Lenawee	810	0	29	781	0	141	143	526	0	40

## REPORTED STATEWIDE MOTOR VEHICLE-DEER CRASHES BY COUNTY IN MICHIGAN (Continued)

COUNTY	All	Fatal	Injury	Property Damage	Inter- state	US Route	State Route	Local Street	Persons Killed	Persons Injured
Livingston	1,089	0	43	1,046	83	54	104	848	0	46
Luce	145	0	4	141	0	0	76	69	0	6
Mackinac	410	0	10	400	52	92	121	145	0	15
Macomb	668	0	36	632	30	0	112	526	0	38
Manistee	508	0	9	499	0	79	108	321	0	10
Marquette	584	0	29	555	0	153	100	331	0	33
Mason	823	0	25	798	0	308	7	508	0	30
Mecosta	1,470	0	26	1,444	0	299	264	907	0	33
Menominee	1,098	0	32	1,066	0	325	87	686	0	41
Midland	1,038	1	27	1,010	0	68	122	848	1	33
Missaukee	548	0	15	533	0	0	173	375	0	16
Monroe	350	0	21	329	38	51	15	246	0	27
Montcalm	1,623	0	53	1,570	0	45	447	1,131	0	62
Montmorency	285	0	4	281	0	0	106	179	0	5
Muskegon	811	0	20	791	14	103	73	621	0	25
Newaygo	896	0	24	872	0	0	235	661	0	28
Oakland	1,668	1	79	1,588	116	9	157	1,386	1	89
Oceana	532	0	19	513	0	148	31	353	0	25
Ogemaw	710	0	18	692	74	0	163	473	0	21
Ontonagon	411	0	8	403	0	81	210	120	0	10
Osceola	932	0	35	897	0	227	124	581	0	44
Oscoda	330	0	7	323	0	0	87	243	0	8
Otsego	248	0	10	238	46	0	27	175	0	13
Ottawa	1,026	0	41	985	77	55	76	818	0	47
Presque Isle	439	0	16	423	0	74	104	261	0	16
Roscommon	567	0	28	539	73	44	104	346	0	31
Saginaw	980	0	21	959	36	0	221	723	0	24
St. Clair	948	0	43	905	102	0	152	694	0	49
St. Joseph	733	1	20	712	0	89	159	485	1	23
Sanilac	1,158	0	33	1,125	0	0	347	811	0	41
Schoolcraft	221	0	5	216	0	75	75	71	0	5
Shiawassee	823	0	18	805	107	0	157	559	0	23
Tuscola	929	0	28	901	0	0	262	667	0	32
Van Buren	795	0	27	768	98	0	168	529	0	32
Washtenaw	1,308	0	73	1,235	73	126	124	985	0	86
Wayne	349	0	16	333	64	12	23	250	0	18
Wexford	607	0	11	596	0	67	246	294	0	13
UNKNOWN	16	0	0	16	0	0	0	16	0	0
<b>Totals</b>	<b>65,397</b>	<b>4</b>	<b>2,020</b>	<b>63,373</b>	<b>2,769</b>	<b>6,222</b>	<b>12,021</b>	<b>44,385</b>	<b>4</b>	<b>2,381</b>