

Facts On
MOTOR VEHICLE CRASHES
in
MINNESOTA
during
1970

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FACTS ON MOTOR VEHICLE CRASHES

in

Minnesota during 1970

This statistical summary has been prepared by the Minnesota Department of Public Safety in accordance with Minnesota Statutes, Chapter 169.10 to review Minnesota's traffic accident experience for calendar year 1970.

This information has been gathered primarily from official state accident reports, which must be submitted on all crashes involving personal injury or death, or property damage of \$100 or more.

This year, for the first time, information is included on alcohol-involved crashes, based on blood tests taken from fatally-injured drivers.

HIGHLIGHTS OF REPORT

	<u>1969</u>	<u>1970</u>
Total crashes	105,325	99,461
Fatalities	988	987
Personal injuries	35,760	38,538
School bus crashes	504	395
Motorized 2-wheel vehicle accident	980	1,291
Pedestrian fatalities	114	149
Fatalities per 100 million vehicle miles	5.0	4.4
Alcohol involvement in fatal crashes	54%	60%

MOTOR VEHICLE CRASHES

	<u>All Crashes</u>		<u>Fatalities</u>	
	<u>1970</u>	<u>1969</u>	<u>1970</u>	<u>1969</u>
Motor vehicle:				
Ran off the road	10,396	9,890	215	229
Overturned on the road	453	575	8	15
Collision with:				
Pedestrian	1,923	1,944	149	114
Motor vehicle in traffic	69,221	74,835	489	484
Parked motor vehicle	10,903	11,917	19	13
Railroad train	357*	446	54	51
Bicyclist	807	662	19	22
Animal	1,252	1,112	1	9
Fixed object	3,696	3,251	23	46
Other object	271	483	3	2
Other non-collision	182	200	7	3
TOTALS	99,461	105,325	987	988

*Preliminary data

CONTRIBUTING CIRCUMSTANCES

	<u>ALL ACCIDENTS</u>	<u>FATAL ACCIDENTS</u>	<u>PERSONAL INJURY ACCIDENTS</u>
Illegal-unsafe speed	8,604	196	3,479
Traffic control violation	1,743	20	813
Over center line - wrong lane	2,106	71	787
Improper park, start, stop	1,352	4	216
Improper passing	1,063	15	222
Follow too closely	2,357	3	894
Fail to yield right of way	7,723	73	2,813
No signal or improper signal	314	-	61
Vision obscurement	1,337	6	442
Bicycle violation	492	12	469
Impeding traffic	134	-	43
Improper left turn	691	4	159
Improper right turn	417	1	46
Other improper turn	576	1	108
Beyond drivers control	15,019	123	4,521
Defective equipment	1,347	8	483
Pedestrian violation	815	69	727
Other	53,314	210	8,665
TOTAL ACCIDENTS	99,404	816	24,938

LOCATION OF ACCIDENTS (1970)

	ALL ACCIDENTS		FATAL ACCIDENTS	
	Number	Percent of Total	Number	Percent of Total
<u>URBAN AREAS</u> (Population of)				
2,500 to 10,000	11,073	11.1%	56	6.9%
10,000 to 25,000	14,897	15.0	67	8.2
25,000 to 100,000	15,556	15.7	41	5.0
Duluth	2,972	3.0	20	2.5
St. Paul	12,315	12.4	43	5.3
Minneapolis	18,113	18.2	46	5.6
URBAN TOTAL	74,926	75.4%	273	33.5%
<u>RURAL AREAS</u>				
State trunk highways	13,043	13.1%	338	41.4%
Interstate highway system	765	0.8	9	1.1
County and local roads	10,670	10.7	196	24.0
RURAL TOTAL	24,478	24.6%	543	66.5%
RURAL AND URBAN TOTAL	99,404	100.0%	816	100.0%

Urban areas accounted for more than three fourths of all accidents, but less than a third of the fatal accidents, indicating the greater severity involvement in accidents occurring in rural areas. This is usually the result of the higher speeds involved.

MOTOR VEHICLES

<u>TYPE OF MOTOR VEHICLE</u>	<u>ALL ACCIDENTS</u>	<u>FATAL ACCIDENTS</u>	<u>PERSONAL INJURY</u>
Passenger car	161,260	1,004	38,741
Passenger car and trailer	316	3	67
Truck-truck trailer	12,451	105	3,038
Truck-tractor and semi-trailer	2,010	62	445
Other truck combination	384	7	84
Farm tractor and/or farm equipment	198	7	68
Taxicab	534	2	154
Bus	453	2	108
School bus	395	2	89
Motorcycle	1,258	39	1,000
Motor scooter-motor bike	33	1	26
Other and not stated	7,646	29	898
 TOTAL VEHICLES	 186,938	 1,263	 44,718
 Emergency vehicles	 67	 2	 19
Military vehicles	20	-	-
Other public vehicles	823	6	190
Hit-run vehicles	6,278	12	594

COMPARATIVE STATISTICS

	<u>1970*</u>	<u>1969</u>	<u>Percent Change</u>
All reported accidents	99,404	105,235	- 5.9
Fatal accidents	816	836	- 2.5
Personal injury accidents	24,938	22,630	+10.2
Property damage accidents	73,650	81,769	-11.0
Persons fatally injured	987	988	- 0.1
Persons non-fatally injured	38,538	35,760	+ 7.8
**A-injury	14,138	13,496	+ 4.8
B-injury	9,912	9,068	+ 9.3
C-injury	14,488	13,196	+ 9.8

*Injury information as determined from police reported accidents only.

**A - Visible signs of injury, bleeding wound, distorted member.

B - Other visible injury, as bruises, abrasions, swelling, etc.

C - No visible injury but complaint of pain or momentary unconsciousness.

MINNESOTA HIGHWAY CRASH DATA SUMMARY

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Total crashes	71,646	77,646	73,567	74,289	83,329	84,754	93,819	92,910	105,235	99,404
Fatal crashes	624	579	655	717	736	819	810	851	836	816
Injury crashes	21,494	22,505	24,864	28,222	30,179	31,288	29,307	27,804	22,630	24,938
Property damage crashes	49,528	54,564	48,048*	45,350	52,414	52,647	63,702	64,255	81,769	73,650
Fatalities	724	695	798	841	875	977	965	1,060	988	987
Personal injuries	34,704	36,932	41,127	47,246	50,847	52,996	47,919	43,974	35,760	38,538
Fatality rate per 100 million vehicle miles	5.0	4.6	5.2	5.2	5.2	5.5	5.2	5.4	5.0	4.4
Fatality rate per 100,000 population	20.9	19.9	22.8	23.8	24.5	27.3	26.6	29.1	26.4	26.0
Fatality rate per 100,000 vehicle registrations	45.5	42.0	46.3	47.2	46.8	50.3	48.1	51.1	45.9	44.1

*Reportable property damage crash requirement changed from \$50 to \$100 in April 1963.

MINNESOTA HIGHWAY CRASH DATA SUMMARY (Continued)

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Vehicle miles traveled (millions)	14,588	15,029	15,471	16,283	16,874	17,688	18,960	19,775	19,899	22,380
Population	3,458,000	3,493,000	3,507,000	3,529,000	3,565,000	3,585,000	3,625,000	3,647,000	3,743,291	3,804,971
Registered vehicles	1,591,958	1,654,397	1,724,970	1,780,388	1,870,114	1,941,520	2,006,734	2,075,388	2,153,840	2,235,658
Licensed drivers	1,741,000	1,820,000	1,860,000	1,870,000	1,875,000	1,900,000	1,950,000	2,000,000	2,025,000	2,050,000
Accident rate per 100 million vehicle miles	491	517	476	456	494	479	516	470	529	442
Accident rate per 100,000 population	2,072	2,223	2,098	2,105	2,337	2,364	2,588	2,548	2,812	2,612
Accident rate per 100,000 vehicle registrations	4,500	4,694	4,265	4,174	4,456	4,364	4,675	4,478	4,886	4,446

TIMES OF ACCIDENTS

	TOTALS		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
HOURS	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL	ALL	FATAL
12 - 3 a.m.	10,493	127	715	8	840	8	883	9	1,280	24	1,294	14	2,851	26	2,630	38
3 - 6 a.m.	2,157	33	144	3	157	4	157	1	251	5	233	5	580	5	635	10
6 - 9 p.m.	9,403	50	1,824	10	1,576	6	1,686	6	1,508	4	1,798	7	635	5	376	12
9 - 12 noon	11,542	71	1,586	9	1,459	4	1,644	13	1,663	9	1,800	7	2,062	25	1,328	4
Noon - 3 p.m.	15,303	111	2,005	11	1,759	12	2,013	12	2,406	13	2,531	18	2,703	24	1,886	21
3 - 6 p.m.	24,536	167	3,484	26	3,150	25	3,550	15	4,165	23	4,892	28	2,958	27	2,337	23
6 - 9 p.m.	14,568	140	1,646	9	1,662	12	1,829	17	2,222	19	3,022	33	2,440	28	1,747	22
9 - 12 midnight	11,402	117	1,215	17	1,248	6	1,420	21	1,602	16	2,633	20	2,210	23	1,074	14
TOTAL ACCIDENTS	99,398	816	12,619	93	11,851	77	13,182	94	15,097	113	18,203	132	16,439	163	12,013	144

DRIVER INVOLVEMENT IN 1970 MOTOR VEHICLE

TRAFFIC ACCIDENTS

AGE AND SEX

<u>Age Group</u>	Percent of Licensed Drivers	<u>All Accidents</u>		<u>Fatal Accidents</u>	
		Number of Drivers Involved	Percent of all Drivers Involved	Number of Drivers Involved	Percent of all Drivers Involved
14 and under	---	188	0.1%	4	0.3%
15	---	187	0.1	2	0.2
16	0.1%	2,936	1.7	15	1.2
17	1.9	6,876	4.0	38	3.1
18 - 19	5.5	17,767	10.2	114	9.2
20 - 24	13.7	31,822	18.4	253	20.5
25 - 34	21.4	31,979	18.5	247	20.0
35 - 44	16.6	21,493	12.4	143	11.6
45 - 54	16.0	19,108	11.0	151	12.3
55 - 64	12.9	13,557	7.8	108	8.8
65 - 74	8.1	7,295	4.2	69	5.6
75 and over	3.8	3,060	1.8	45	3.6
Not known	---	17,042	9.8	45	3.6
TOTAL	100.0%	173,310	100.0%	1,234	100.0%
<u>Sex</u>					
Male	56.3%	125,818	72.6%	1,036	84.0%
Female	43.7	41,698	24.1	178	14.4
Not known	---	5,794	3.3	20	1.6
TOTAL	100.0%	173,310	100.0%	1,234	100.0%

TEEN-AGED DRIVERS CRASH INVOLVEMENT

AGE GROUP	1964	1965	1966	1967	1968	1969	1970
14 and under	132	162	168	261	156	349	188
15	419	490	540	404	455	235	187
16	3,416	3,813	3,803	5,005	5,616	2,850	2,936
17	5,553	5,860	5,840	7,108	8,557	7,476	6,876
18 - 19	10,677	13,948	14,576	16,797	18,872	18,979	17,767
TOTAL CRASHES	20,197	24,273	24,927	29,575	33,656	29,889	27,954
Percent of all licensed drivers	8.5%	9.3%	9.3%	9.7%	10.1%	9.7%	11.5%
Percent involvement in all accidents	15.3%	16.3%	16.4%	18.1%	19.2%	16.2%	16.1%

ACCIDENTS, DEATHS AND INJURIES BY COUNTIES
1970

COUNTY	ALL CRASHES	DEATHS	INJURIES	COUNTY	ALL CRASHES	DEATHS	INJURIES
Aitkin	232	13	85	Marshall	146	1	61
Anoka	3,296	47	1,859	Martin	518	12	244
Becker	432	16	200	Meeker	378	5	133
Beltrami	515	9	216	Mille Lacs	358	6	118
Benton	535	9	275	Morrison	566	15	260
Big Stone	138	4	73	Mower	1,019	10	410
Blue Earth	1,882	26	646	Murray	174	3	69
Brown	731	6	246	Nicollet	533	13	215
Carlton	559	8	247	Nobles	443	10	134
Carver	633	12	301	Norman	125	3	43
Cass	334	11	150	Olmsted	2,140	22	818
Chippewa	293	9	97	Otter Tail	785	17	276
Chisago	343	7	159	Pennington	422	1	132
Clay	1,545	11	379	Pine	286	7	100
Clearwater	96	5	39	Pipestone	225	6	75
Cook	86	4	22	Polk	788	15	272
Cottonwood	275	8	57	Pope	137	4	53
Crow Wing	881	16	305	Ramsey	16,144	58	5,670
Dakota	3,009	19	1,268	Red Lake	68	-	21
Dodge	188	4	95	Redwood	303	4	153
Douglas	521	9	214	Renville	329	5	152
Faribault	356	7	157	Rice	1,053	6	412
Fillmore	353	3	123	Rock	213	5	75
Freeborn	971	8	437	Roseau	139	5	60
Goodhue	801	18	317	St. Louis	5,353	58	1,685
Grant	82	5	35	Scott	769	12	361
Hennepin	31,915	143	12,425	Sherburne	524	7	230
Houston	298	6	143	Sibley	267	6	102
Hubbard	200	5	90	Stearns	2,477	34	1,032
Isanti	243	3	125	Steele	703	5	249
Itasca	667	16	255	Stevens	182	3	71
Jackson	308	9	127	Swift	247	5	104
Kanabec	171	3	92	Todd	266	6	99
Kandiyohi	729	12	253	Traverse	84	-	29
Kittson	100	3	45	Wabasha	350	7	184
Koochiching	323	7	173	Wadena	210	1	48
Lac Qui Parle	175	5	67	Waseca	309	1	122
Lake	275	1	127	Washington	1,515	18	708
Lake of the Woods	42	-	15	Watsonwan	344	10	136
Le Sueur	355	3	110	Wilkin	259	4	62
Lincoln	113	3	38	Winona	1,141	15	378
Lyon	497	3	208	Wright	763	20	395
Mc Leod	611	17	210	Yellow Medicine	188	6	63
Mahnomen	52	3	19	TOTALS	99,404	987	35,538

PEDESTRIAN ACTIONS

KILLED-INJURED BY AGE

	<u>KILLED</u>	<u>INJURED</u>	<u>0-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-44</u>	<u>45-64</u>	<u>65+</u>	<u>NOT STATED</u>
Crossing at intersection	23	457	14	64	42	37	34	72	81	92	21
Crossing not at intersection	26	346	35	110	33	42	19	18	34	49	6
Walking in road with traffic	16	96	1	9	26	30	7	10	6	5	2
Walking in road against traffic	3	76	13	31	11	8	2	5	5	1	-
Standing in road	2	51	-	3	3	8	6	19	9	2	1
Entering or leaving vehicle	-	30	1	4	1	5	3	7	5	3	1
Crossing to or from school bus	-	4	-	3	1	-	-	-	-	-	-
Working on vehicle in road	2	33	-	-	-	8	4	7	11	-	3
Working in roadway	1	12	-	-	1	2	1	5	3	-	-
Playing in roadway	3	63	21	32	9	-	-	-	-	-	1
Other in roadway	54	578	88	192	72	53	24	49	47	38	15
Not in roadway	-	40	5	2	3	12	3	7	6	1	1
Not known	19	160	13	21	23	22	8	27	26	15	5
TOTAL PEDESTRIANS	149	1,946	191	471	225	227	111	226	233	206	56

AGES OF PEDESTRIAN FATALITIES

<u>Age Category</u>	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
0 - 4	15	10	8	14	7	12	10
5 - 9	23	16	30	18	16	16	23
10 - 14	5	5	8	4	5	7	8
15 - 19	6	9	11	10	17	9	14
20 - 24	6	6	3	2	4	5	7
25 - 34	1	5	11	4	6	4	6
35 - 44	4	7	15	7	1	5	6
45 - 54	9	9	8	10	12	5	12
55 - 64	16	13	8	18	10	9	9
65 - 74	21	17	19	21	30	15	24
75 & over	22	26	20	25	20	12	30
not stated	-0-	1	-0-	-0-	2	15	-0-
TOTAL	128	124	141	133	130	114	149

PEDFSTRIAN FATALITIES AND INJURIES

	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
Total traffic fatalities	841	875	977	965	1,060	988	987
Pedestrian fatalities	123	119	130	133	122	114	149
Percent of total fatalities	14.6%	13.6%	13.3%	13.8%	11.5%	11.5%	15.1%
Total traffic injuries	47,246	50,847	52,996	47,919	43,974	35,760	38,538
Pedestrian injuries	1,980	1,957	1,998	1,430	1,884	1,717	1,797
Percent of total injuries	4.2%	3.8%	3.8%	3.0%	4.3%	4.8%	4.7%

1970

FATALITIES AND INJURIES
IN ALCOHOL-INVOLVED FATAL CRASHES*

	INJURED	KILLED	TOTAL
PEDESTRIAN	1		1
DRIVER	41	4	45
PASSENGERS	62	30	92
NOT STATED	36	13	49
TOTAL	140	47	187

*Data does not include the 144 fatally injured drivers who tested alcohol positive.

TYPES OF ALCOHOL-INVOLVED FATAL CRASHES

<u>ACCIDENT TYPE</u>	<u>NUMBER</u>	<u>PERCENT</u>
MULTI-VEHICLE COLLISION	58	40.6%
RAN OFF ROAD	68	47.5%
COLLISION WITH PARKED VEHICLE	5	3.5%
COLLISION WITH FIXED OBJECT	5	3.5%
COLLISION WITH OTHER OBJECT	1	0.7%
COLLISION WITH RAILROAD TRAIN	4	2.8%
OTHER NON-COLLISION, INCLUDING OVERTURNED	2	1.4%
TOTAL	143*	100.0%

*One crash included two drivers with a positive alcohol content.

DRINKING DRIVER FACTS
(From Coroner's Reports)

	<u>1968</u>	<u>1969</u>	<u>1970</u>
Total killed	1,060	988	987
Drivers killed	531	504	488
Number tested for alcohol	265	270	240
Positive cases	144	147	144
Percent positive cases	54%	54%	60%
Positive cases at or above .10% level	114	122	123
Percent positive cases at or above .10% level	79%	83%	85%
Male drivers - positive	131	137	138
Percent male drivers - positive	91%	93%	96%
Female drivers - positive	13	10	6
Percent female drivers - positive	9%	7%	4%
16-24 age range - positive	67	63	57
Percent 16-24 age range - positive	46%	43%	40%

DRINKING PEDESTRIAN FACTS
(From Coroner's Reports)

	<u>1968</u>	<u>1969</u>	<u>1970</u>
Pedestrians killed	122	114	162
Number tested for alcohol	46	34	46
Positive cases	11	17	22
Percent positive cases	24%	50%	48%
Positive cases at or above .10% level	10	15	16
Percent positive cases at or above .10% level	22%	44%	35%

1970 Driver Fatalities
(from coroner's reports)
LEVEL OF INTOXICATION AND AGE

<u>Age Groups</u>	<u>Total Tested</u>	<u>Blood Alcohol Concentration (Percent)</u>					<u>Total Positive</u>
		<u>.00-.04</u>	<u>.05-.09</u>	<u>.10-.14</u>	<u>.15-.24</u>	<u>.25-over</u>	
0 - 15	2						0
16 - 20	42	1	4	2	15		22
21 - 24	46	1	3	8	20	3	35
25 - 29	28		3	2	12	5	22
30 - 34	21		1	3	5	5	14
35 - 39	7			1	1	1	3
40 - 44	11	1		1	4	2	8
45 - 49	20	1	1	2	5	2	11
50 - 54	18				8	3	11
55 - 59	18		1	1	5	3	10
60 - 64	9	1	1		1		3
65 - 69	6	1					1
70 - 74	4				1		1
75 & up	8	1			1	1	3
TOTAL	240	7	14	20	78	25	144
Percent of total positive cases		4.9%	9.7%	13.9%	54.2%	17.4%	

1970 Pedestrian Fatalities
(from coroner's reports)
LEVEL OF INTOXICATION AND AGE

-18-

Age	Total Tested	Blood Alcohol Concentration (Percent)					Total Positive
		<u>.00-.04</u>	<u>.05-.09</u>	<u>.10-.14</u>	<u>.15-.24</u>	<u>.25-over</u>	
0 - 15	4						0
16 - 20	7	1			2		3
21 - 24	1						0
25 - 29	1		1				1
30 - 34	2	1	1				2
35 - 39	4	1			1	2	4
40 - 44	0						0
45 - 49	1				1		1
50 - 54	4				3	1	4
55 - 59	3				1	1	2
60 - 64	4			1	1		2
65 - 69	1						0
70 - 74	6			1			1
75 & older	8		1		1		2
TOTAL	46	3	3	2	10	4	22
Percent of total positive cases		13.6%	13.6%	9.1%	45.4%	18.2%	

BLOOD ALCOHOL LEVELS IN DRIVING
WHILE UNDER THE INFLUENCE ARRESTS*

<u>Alcohol Level (percent)</u>	<u>Number of Cases</u>	
	<u>1969</u>	<u>1970</u>
Negative	137	151
.00 - .04	114	86
.05 - .09	178	176
.10 - .14	559	612
.15 - .19	1,154	1,343
.20 - .24	878	905
.25 - .29	327	293
.30 - .34	52	54
.35 - .40	10	12
TOTAL	3,409	3,362

*Data obtained from Bureau of
Criminal Apprehension laboratory.

RAILROAD CROSSING CRASHES

<u>Year</u>	<u>Crashes</u>	<u>Deaths</u>	<u>Injuries</u>
1970	357**	54**	137**
1969	446	51	212
1968	376	54	184
1967	392	47	165
1966	387	47	227

**Preliminary statistics

BICYCLIST FATALITIES AND INJURIES

	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
Total traffic fatalities	841	875	977	965	1,060	988	987
Bicyclist fatalities	4	16	20	14	22	22	19
Percent of total fatalities	0.5%	1.8%	2.0%	1.5%	2.1%	2.2%	1.9%
Total traffic injuries	47,246	50,847	52,996	47,919	43,974	35,760	38,538
Bicyclist injuries	759	687	715	732	733	612	770
Percent of total injuries	1.6%	1.4%	1.3%	1.5%	1.7%	1.7%	2.0%
<u>Age Category</u>							
5 - 9		6	9	7	7	7	8
10 - 14	3	7	9	5	10	9	5
15 - 19	1	2	1		2	4	6
20 & over		1	1	2	3	2	
TOTAL	4	16	20	14	22	22	19

TWO-WHEELED VEHICLE CRASH DATA

YEAR	REGISTERED VEHICLES	CRASHES	FATALITIES	INJURIES
1970	71,914	1,291	43	1,262
1969	61,199	980	32	1,217
1968	60,065	1,338	40	1,394
1967	55,510	1,610	25	1,832
1966	49,512	2,058	44	2,359
1965	39,346	1,400	30	1,601
1964	27,876	1,059	17	(not available)
1963	17,993	502	7	(not available)
1962	14,668	349	6	(not available)

CHAUFFEUR AND SCHOOL BUS LICENSING DATA

(Fiscal Year)

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
<u>Chauffeur Licenses</u>					
Number issued	194,477	200,210	197,303	204,473	212,127
Written examinations	22,515	22,209	20,333	24,586	26,197
Eye examinations	22,515	22,209	20,333	24,586	26,197
<u>School Bus Licenses</u>					
Number issued	12,484	12,627	13,065	14,533	18,759
Written examinations	2,339	2,609	2,874	3,670	3,185
Physical examinations	12,484	12,627	13,065	14,533	18,759

DRIVER LICENSING DATA

	<u>1964</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>
Number of licensed drivers	1,835,000	1,850,000	1,900,000	1,950,000	2,000,000	2,025,000	2,050,000
Permits issued	157,553	162,939	175,330	164,303	170,826	168,061	167,713
Written tests	155,639	172,028	189,715	173,476	194,675	216,663	232,884
Road tests	162,439	175,248	193,814	178,921	190,199	196,332	204,465
Regular licenses issued	634,876	457,920	455,558	519,673	666,566	534,356	522,528
Duplicate licenses issued	156,888	163,752	175,191	185,039	197,779	202,373	209,393
Driver evaluations	11,531	11,365	13,941	14,189	15,294	14,254	15,201
Driver evaluation suspensions	19,012	18,884	16,975	16,775	17,069	16,212	14,669
Safety Responsibility Act suspensions	22,520	24,823	24,801	21,067	19,585	21,602	26,431
Revocations	8,478	8,477	8,807	8,912	10,819	11,961	12,134
License cancellations	2,920	3,190	3,503	3,338	4,004	3,540	3,357
Medical referrals	3,228	3,304	4,436	4,894	6,136	4,155	2,752
Reported convictions	193,324	214,542	232,344	219,938	239,627	241,579	235,676

MOTOR VEHICLE REGISTRATION DATA

TYPE OF VEHICLE	1964	1965	1966	1967	1968	1969	1970
Passenger Cars	1,443,780	1,502,218	1,550,767	1,590,731	1,636,080	1,689,379	1,732,607
Trucks:							
Gross Weight	197,588	211,858	228,887	246,433	263,929	287,486	310,150
Farm	99,672	100,875	102,558	104,140	104,970	105,095	105,212
Urban	2,996	3,360	3,729	3,880	4,050	4,197	4,402
TRUCK SUB-TOTAL	300,256	316,093	335,174	354,453	372,949	396,778	419,764
Buses	5,555	5,706	6,067	6,040	6,294	6,484	6,539
Motorcycles	27,876	39,346	49,512	55,510	60,065	61,199	71,914
Recreational*							4,834
MOTOR VEHICLE SUB-TOTAL	1,777,467	1,863,363	1,941,520	2,006,734	2,075,388	2,153,840	2,235,658
Trailers	238,161	107,830	270,439	130,233	315,202	155,334	371,126
VEHICLES AND TRAILERS GRAND TOTAL	2,015,628	1,971,193	2,211,959	2,136,967	2,390,590	2,309,174	2,606,784

*Motor powered vehicles used for human habitation during vacation or recreational activities.

SUMMARY OF VEHICLE INSPECTION RESULTS

1970

TYPE OF VEHICLE	NUMBER INSPECTED	DEFECTIVE	PERCENT DEFECTIVE
CARS	66,070	36,314	55.0%
TRUCKS	19,570	10,599	54.1%
SCHOOL BUSES	4,835	2,223	46.0%
TOTALS	90,475	49,136	54.3%

1969

TYPE OF VEHICLE	NUMBER INSPECTED	DEFECTIVE	PERCENT DEFECTIVE
CARS	67,354	37,444	55.6%
TRUCKS	8,025	4,725	58.9%
SCHOOL BUSES	4,939	2,869	58.1%
MOTORCYCLES	145	112	77.2%
TOTALS	80,463	45,150	56.1%

1968

TYPE OF VEHICLE	NUMBER INSPECTED	DEFECTIVE	PERCENT DEFECTIVE
CARS	63,392	40,024	63.1%
TRUCKS	3,067	2,182	71.1%
TOTALS	66,459	42,206	63.3%

MILEAGE SUMMARY OF MINNESOTA HIGHWAY SYSTEMS

	<u>Number of Miles</u>
Interstate Freeways	
Open to Traffic (12-31-70)	554
Under Construction	120
Engineering or Right of Way	240
TOTAL	914
Trunk Highways	12,048
County State Aid Highways	29,590
County Roads	16,181
Municipal State Aid Streets	1,266
Township Roads	54,688
Other State and Federal Roads	3,198
Other Municipal Streets	10,608
TOTAL	127,579

