



2001 Missouri State
Highway System

Traffic
Accident
Statistics

Missouri Department of Transportation

Chapter 1

2001 STATEWIDE TRAFFIC ACCIDENT STATISTICS

The following summary of traffic accidents represents only those accidents that have occurred on the State Highway System of Missouri in 2001. The information contained in this publication is a summary of the accident reports provided to the Missouri Department of Transportation. This publication is possible only through the conscientious reporting efforts of Missouri Law Enforcement Agencies.

These statistics are compiled pursuant to federal law, 23 USC Section 152.

Chapter 1-A : ACCIDENTS BY TYPE

This section divides the total 2001 accidents by severity into the various types. The type indicates what type of impact was involved. It further distinguishes the types by indicating whether they occurred “ON” or “OFF” the roadway.



**Missouri Department of Transportation
Transportation Planning
2001 Accidents by Type**

Date: 9/23/2002

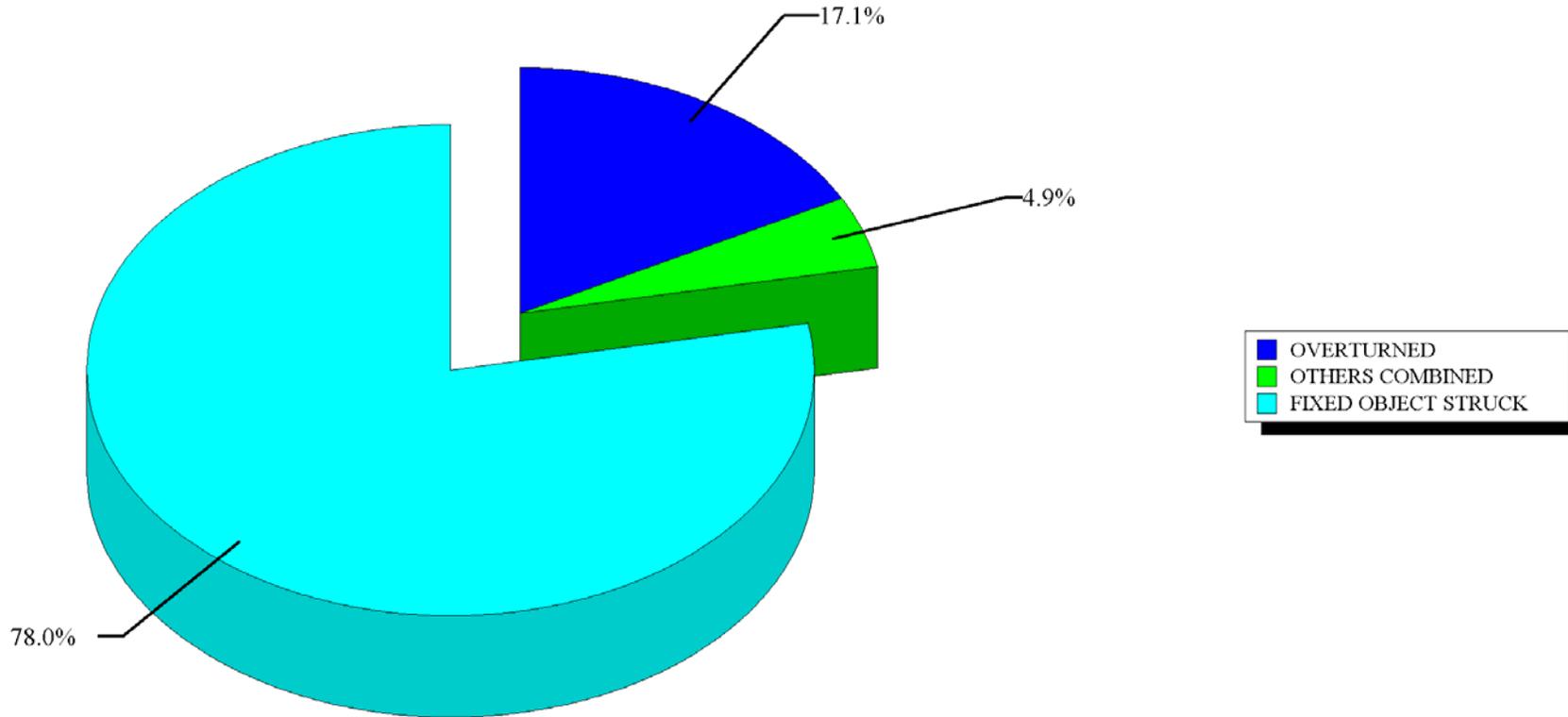
Accident Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ACCIDENT TYPE OFF ROAD						
RAN OFF ROAD	7	12	87	177	235	329
RAN OFF ROAD-ANIMAL OTHER THAN DEER	0	0	0	0	2	2
RAN OFF ROAD-BICYCLIST OR PEDALCYCLIST	0	0	5	5	2	7
RAN OFF ROAD-DEER	0	0	0	0	7	7
RAN OFF ROAD-FIXED OBJECT	269	274	6,242	8233	9,306	15,817
RAN OFF ROAD-MOTOR VEHICLE IN TRAFFIC	0	0	0	0	0	0
RAN OFF ROAD-OTHER OBJECT	2	4	31	40	88	121
RAN OFF ROAD-OTHER/NONCOLLISION	0	0	92	113	299	391
RAN OFF ROAD-OVERTURNED ON ROADWAY	0	0	0	0	0	0
RAN OFF ROAD-OVERTURNING	59	60	1,145	1609	829	2,033
RAN OFF ROAD-PARKED MOTOR VEHICLE	7	9	180	382	759	946
RAN OFF ROAD-PEDESTRIAN	1	1	16	18	0	17
RAN OFF ROAD-RAILROAD TRAIN	0	0	0	0	1	1
Subtotal	345	360	7,798	10,577	11,528	19,671
ACCIDENT TYPE ON ROAD						
ANIMAL OTHER THAN DEER	0	0	104	137	669	773
BICYCLIST OR PEDALCYCLIST	4	4	121	126	30	155
CHAIN REACTION REAR END	14	15	2,371	4540	3,067	5,452
DEER	4	4	274	320	3,786	4,064
FIXED OBJECT	2	2	66	79	259	327
MOTOR VEHICLE IN TRAFFIC	291	352	14,779	24429	45,102	60,172
OTHER NON - COLLISION	4	4	111	128	731	846
OTHER OBJECT	2	2	73	105	960	1,035
OVERTURNED ON ROADWAY	19	19	480	620	255	754
OVERTURNING	0	0	0	0	0	0
PARKED MOTOR VEHICLE	0	0	15	31	56	71
PEDESTRIAN	41	42	238	258	18	297
RAILROAD TRAIN	0	0	2	2	5	7
RAN OFF ROAD-MOTOR VEHICLE ON OTHER ROAD	0	0	0	0	0	0
Subtotal	381	444	18,634	30,775	54,938	73,953
Totals	726	804	26,432	41352	66,466	93,624



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Type
345 Fatal Accidents 'OFF' Roadway

Date: 9/23/2002

Accident Type	Fatal Accidents
OVERTURNED	59
OTHERS COMBINED	17
FIXED OBJECT STRUCK	269



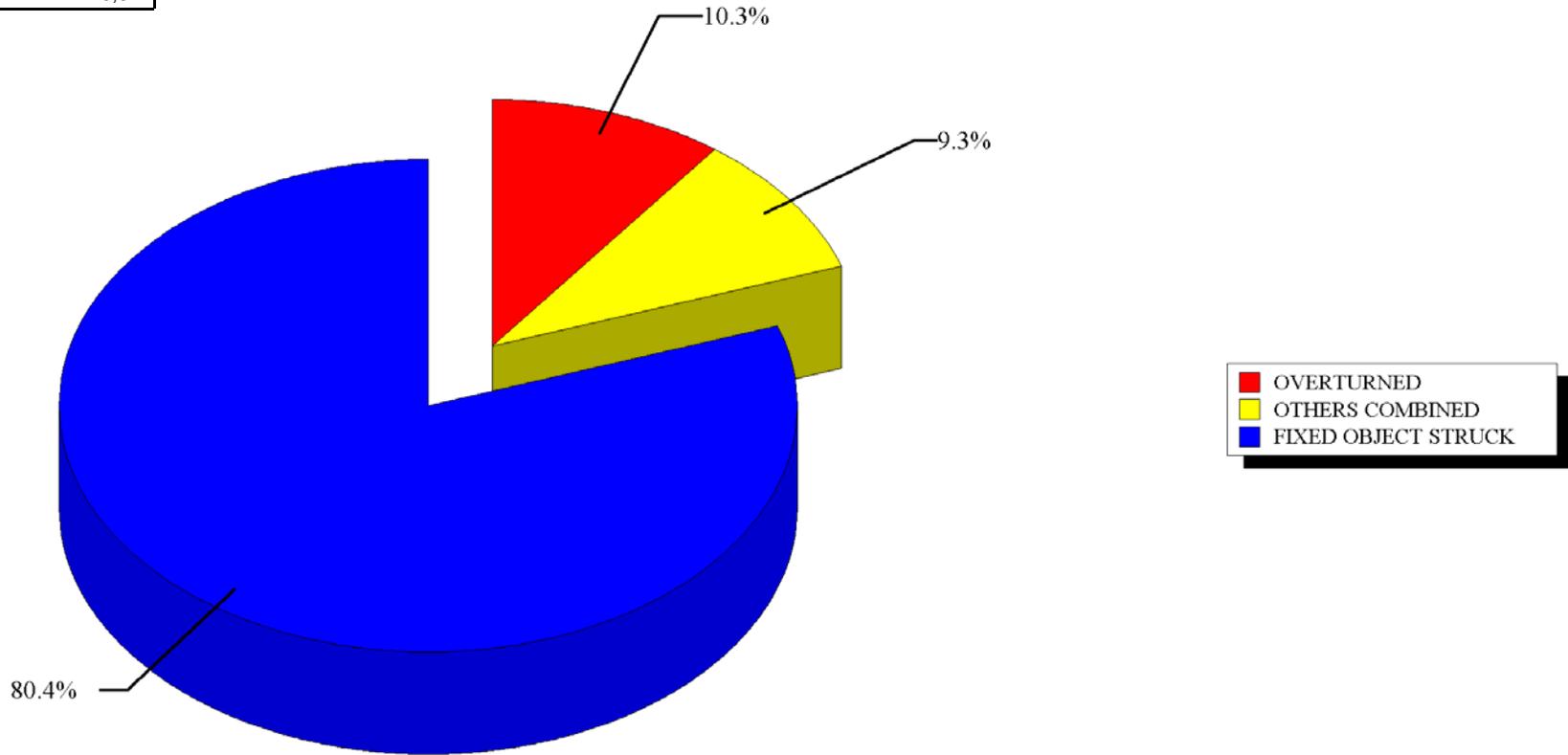


Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

2001 Accidents by Type 19,671 Total Accidents "OFF" Roadway

ACCIDENT TYPE	Total Accidents
OVERTURNED	2,033
OTHERS COMBINED	1,821
FIXED OBJECT STRUCK	15,817



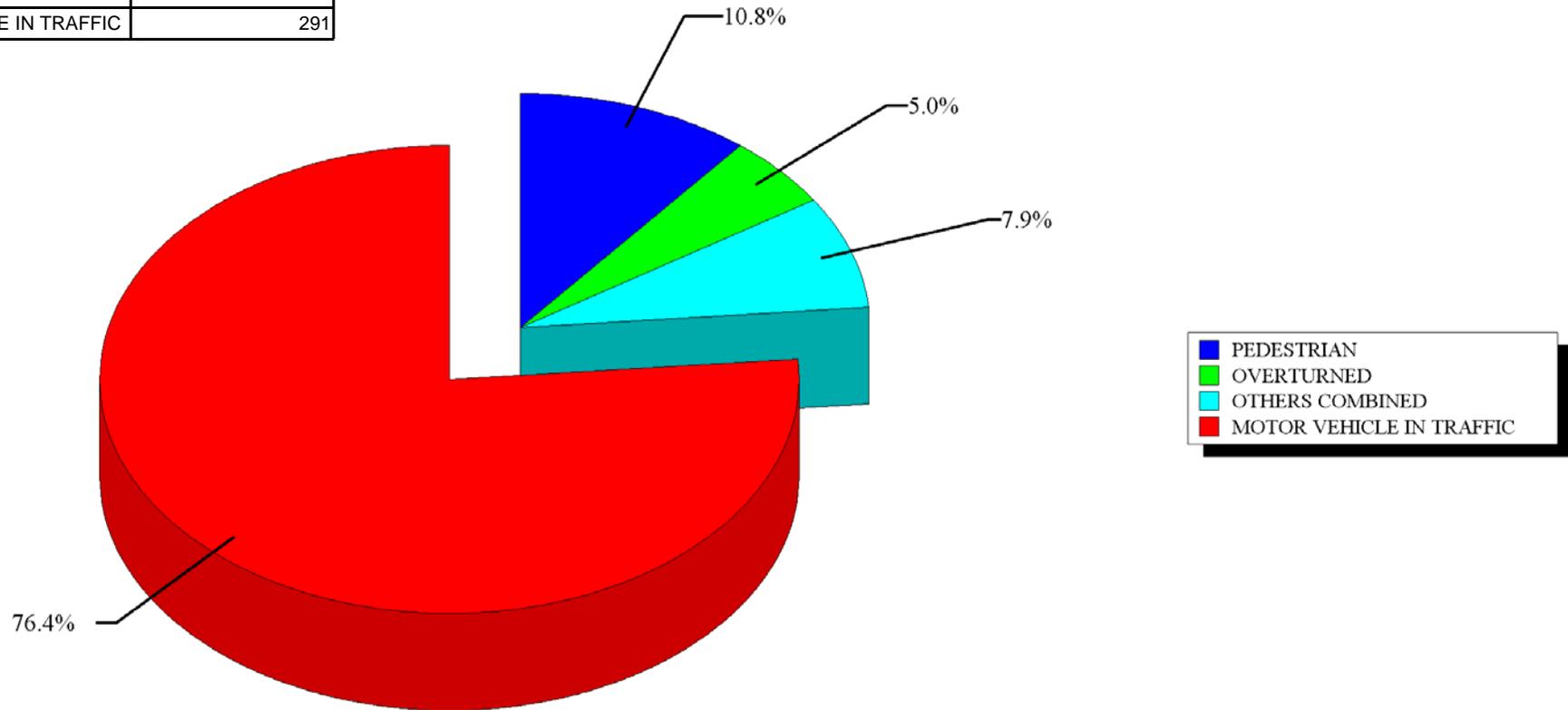


Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

2001 Accidents by Type 381 Fatal Accidents 'ON' Roadway

Accident Type	Fatal Accidents
PEDESTRIAN	41
OVERTURNED	19
OTHERS COMBINED	30
MOTOR VEHICLE IN TRAFFIC	291



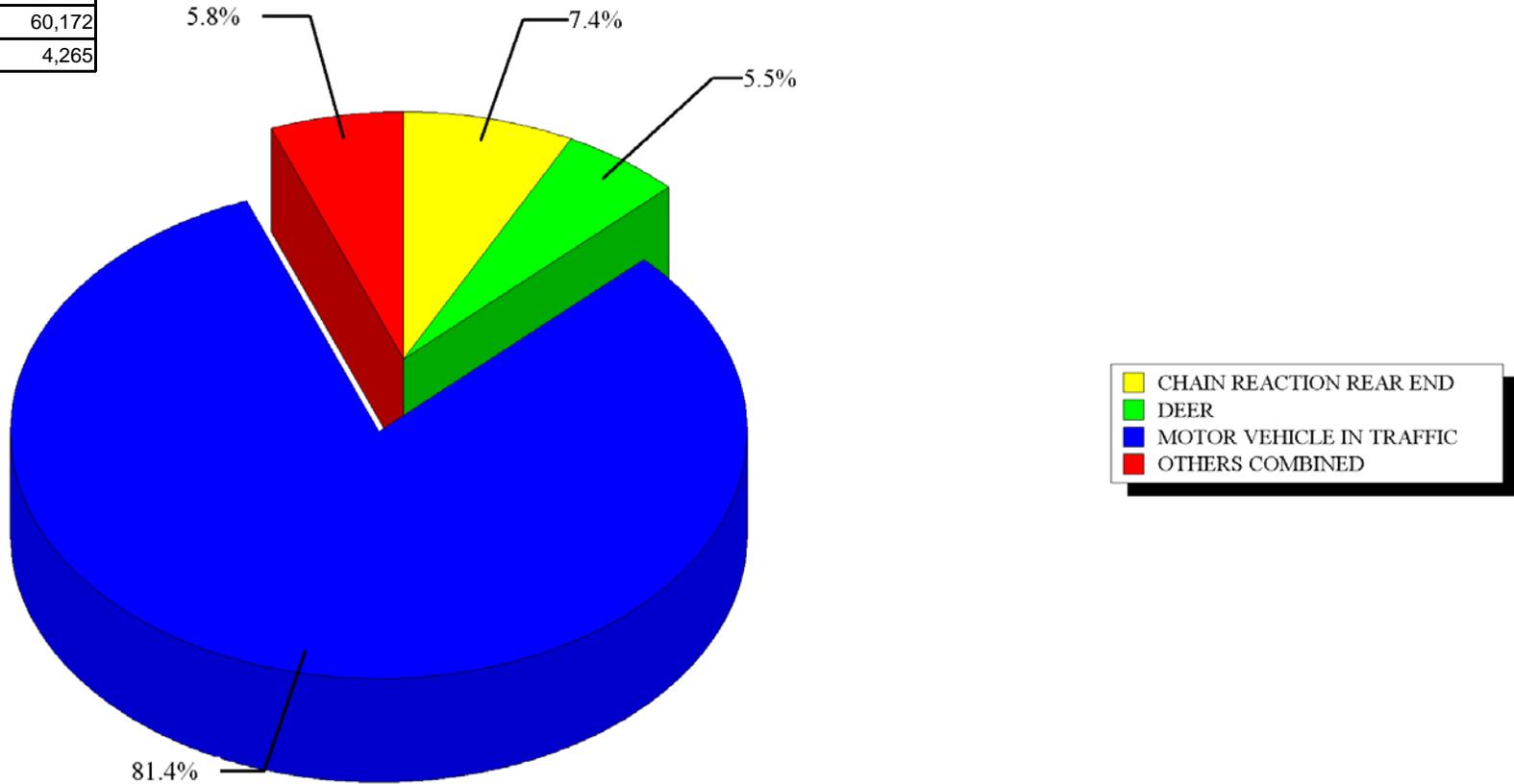


Missouri Department of Transportation
Transportation Planning

Date: 9/23/2002

2001 Accidents by Type
73,953 Total Accidents "ON" Roadway

ACCIDENT TYPE	Total Accidents
CHAIN REACTION REAR END	5,452
DEER	4,064
MOTOR VEHICLE IN TRAFFIC	60,172
OTHERS COMBINED	4,265



Chapter 1-B : ACCIDENTS BY CONTRIBUTING CIRCUMSTANCES

This section deals with the circumstances that contributed to accidents in 2001. The totals in this section represent the number of accidents and the number of contributing circumstances that relates to those accidents. The total number of reported accidents is somewhat less than the total number of contributing circumstances and the number of drivers because each accident could involve one or more drivers and one or more contributing circumstance.



**Missouri Department of Transportation
Transportation Planning
2001 Accidents by Contributing Circumstance**

Date: 9/23/2002

Contributing Circumstance	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
ACCIDENT AHEAD	10	298	643	951
CONGESTION AHEAD	12	1,722	4,396	6,130
DRINKING	154	2,250	1,856	4,260
DRUGS	10	205	159	374
FAILURE TO YIELD RT OF WAY	81	4,722	8,668	13,471
FOLLOWING TOO CLOSELY	11	3,662	10,347	14,020
IMPROPER BACKING	1	66	873	940
IMPROPER LANE USE-CHANGES	74	1,654	4,689	6,417
IMPROPER PARKED	1	29	56	86
IMPROPER PASSING	24	360	965	1,349
IMPROPER SIGNAL	0	75	217	292
IMPROPER START-PARKING	0	34	102	136
IMPROPER STOPPED	0	0	0	0
IMPROPER TURN	5	547	1,761	2,313
INATTENTION	370	15,450	35,821	51,641
MORE STATED LATER IN RECORD	0	0	0	0
NONE-DRIVER OR PEDESTRIAN	0	0	0	0
NOT STATED OR UNKNOWN	343	17,179	50,633	68,155
PHYSICAL IMPAIRED	51	1,013	865	1,929
SPEED-EXCEEDED LIMIT	103	793	745	1,641
TOO FAST FOR CONDITIONS	149	4,710	7,503	12,362
TRAFFIC CONTROL INOPER/MISSING	0	0	0	0
VEHICLE DEFECTS	26	663	2,426	3,115
VIOLATION-SIGNAL/SIGN	33	1,245	1,766	3,044
WRONG SIDE	122	977	884	1,983
WRONG WAY	11	46	70	127
Totals	1,591	57,700	135,445	194,736
FOR DRIVERS	1,148	48,456	120,505	170,109
IN ACCIDENTS	726	26,432	66,466	93,624



Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

Fatal Accidents by Contributing Circumstances 1148 Drivers involved in 726 Fatal Accidents

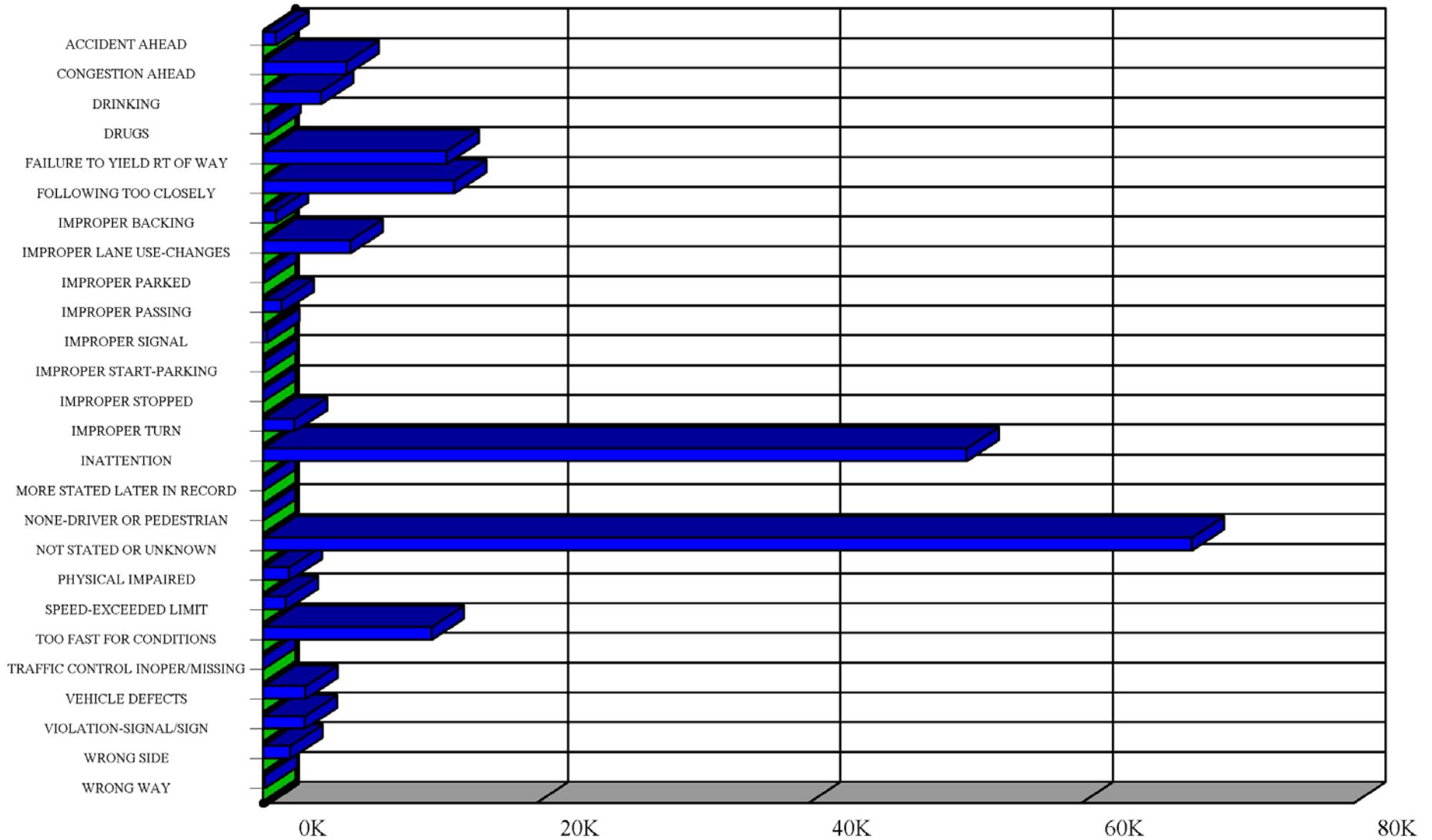




Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

Total Accidents by Contributing Circumstances 170109 Drivers involved in 93624 Total Accidents



Chapter 1-C : ACCIDENTS BY POPULATION GROUPING

In this section, accidents are grouped according to the population characteristics of their location. Three (3) categories are used: rural, urban (population 5,000 to 49,999), urbanized (population 50,000 to 99,999) and metropolitan (population 100,000 or greater).

Currently, the metropolitan boundaries have not been established; therefore, all metropolitan accidents have been included in the urbanized grouping.



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Population Grouping

Date: 9/23/2002

Population Grouping	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
METROPOLITAN	0	0	0	0
RURAL	529	11,559	23,529	35,617
UNDESIGNATED	0	0	0	0
URBAN	39	2,507	7,720	10,266
URBANIZED	158	12,366	35,217	47,741
Totals	726	26,432	66,466	93,624



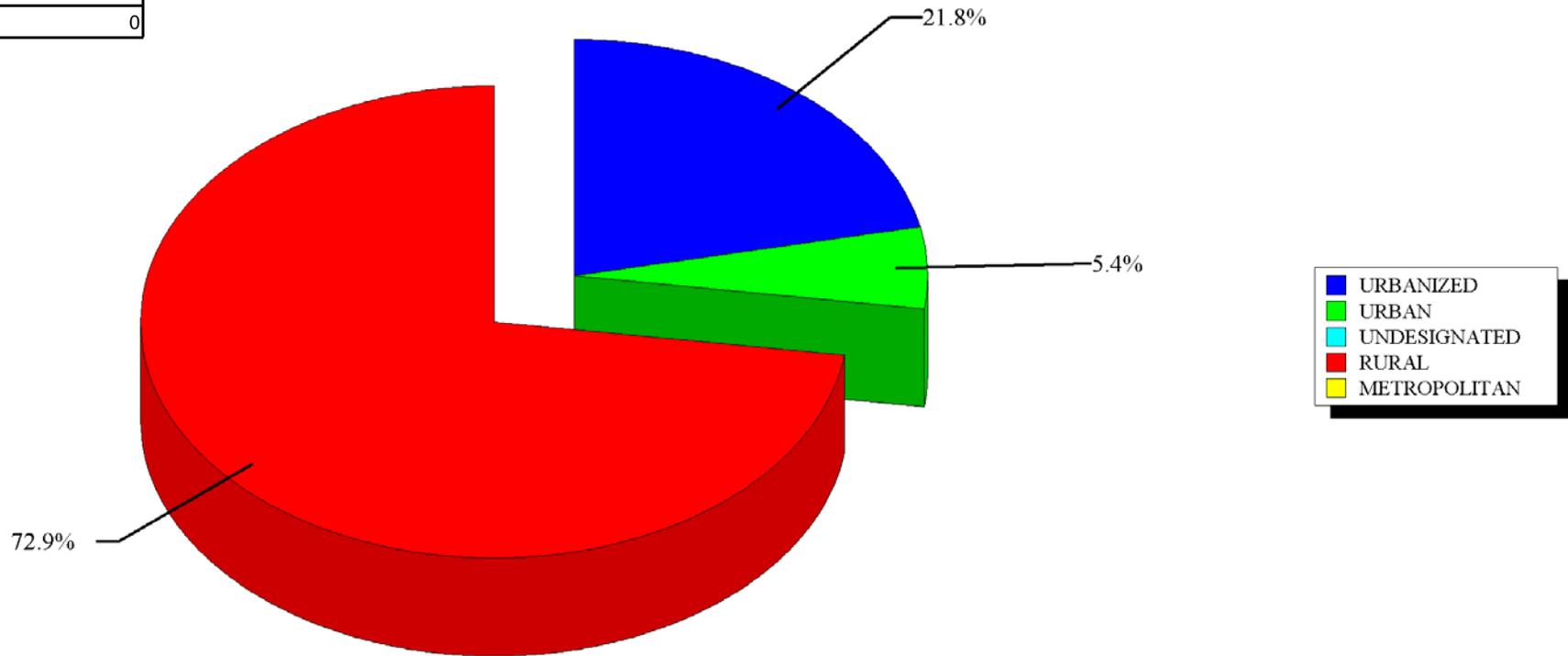
Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

2001 Fatal Accidents by Population Grouping

726 Fatal Accidents

Population Grouping	Total Fatal Accidents
URBANIZED	158
URBAN	39
UNDESIGNATED	0
RURAL	529
METROPOLITAN	0



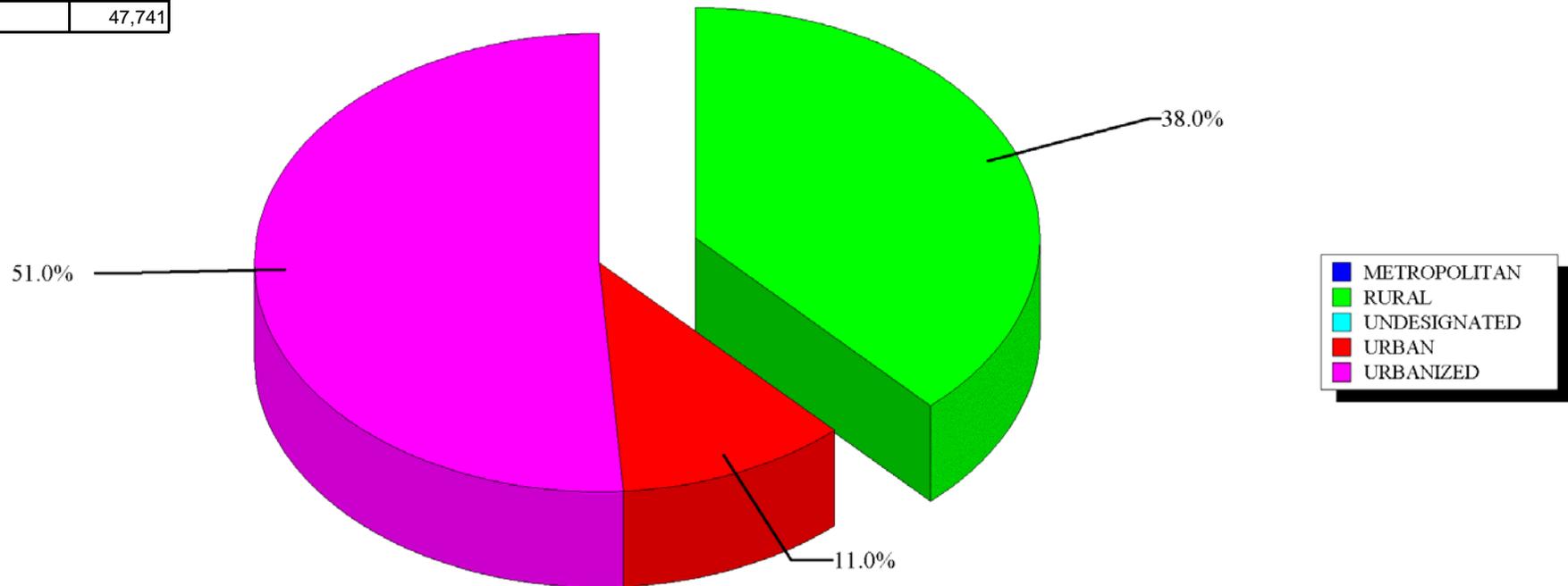


Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

2001 Accidents by Population Grouping 93,624 Total Accidents

Population Grouping	Total Accidents
METROPOLITAN	0
RURAL	35,617
UNDESIGNATED	0
URBAN	10,266
URBANIZED	47,741



Chapter 1-D : ACCIDENTS BY ROUTE MARKING

In 2001, 0.78% of all accidents occurring on the State Highway System resulted in fatalities and 28.2% resulted in injuries. This section separates these total accidents according to the route marking of the highways on which they occurred. In 2001, state numbered routes had the highest percentage of total accidents. U.S. numbered routes had the highest percentage of fatal accidents.



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Route Marking Designation

Date: 9/23/2002

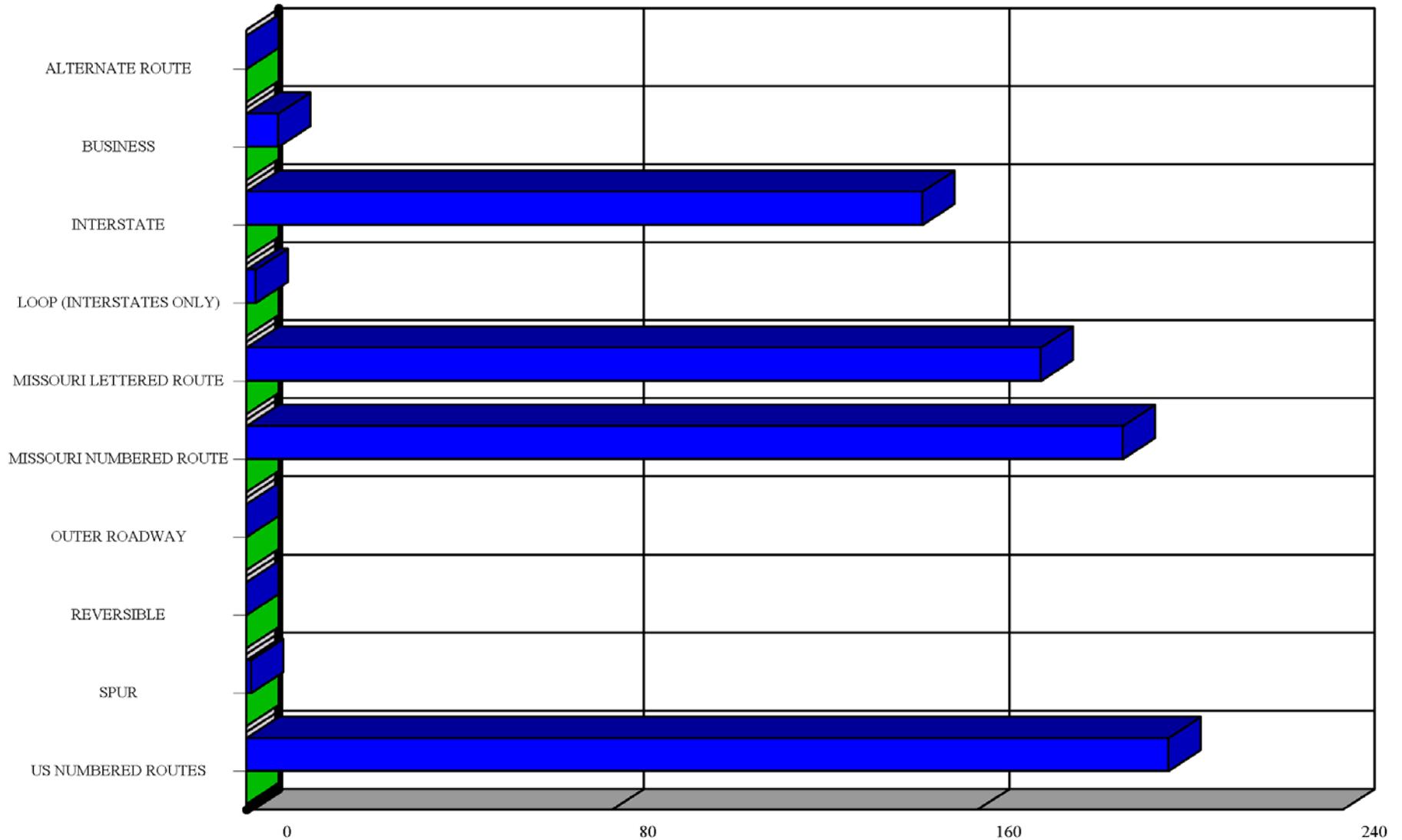
Route Marking Designation	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ALTERNATE ROUTE	0	0	0	0	0	0
BUSINESS	7	8	807	1,295	2,224	3,038
INTERSTATE	148	173	5,513	8,531	16,194	21,855
LOOP (INTERSTATES ONLY)	2	2	287	467	587	876
MISSOURI LETTERED ROUTE	174	186	5,063	7,624	10,023	15,260
MISSOURI NUMBERED ROUTE	192	203	8,949	14,072	22,579	31,720
OUTER ROADWAY	0	0	0	0	0	0
REVERSIBLE	0	0	0	0	0	0
SPUR	1	1	37	49	118	156
US NUMBERED ROUTES	202	231	5,776	9,314	14,741	20,719
Totals	726	804	26,432	41,352	66,466	93,624



Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

Fatal Accidents by Route Marking Designation 726 Fatal Accidents

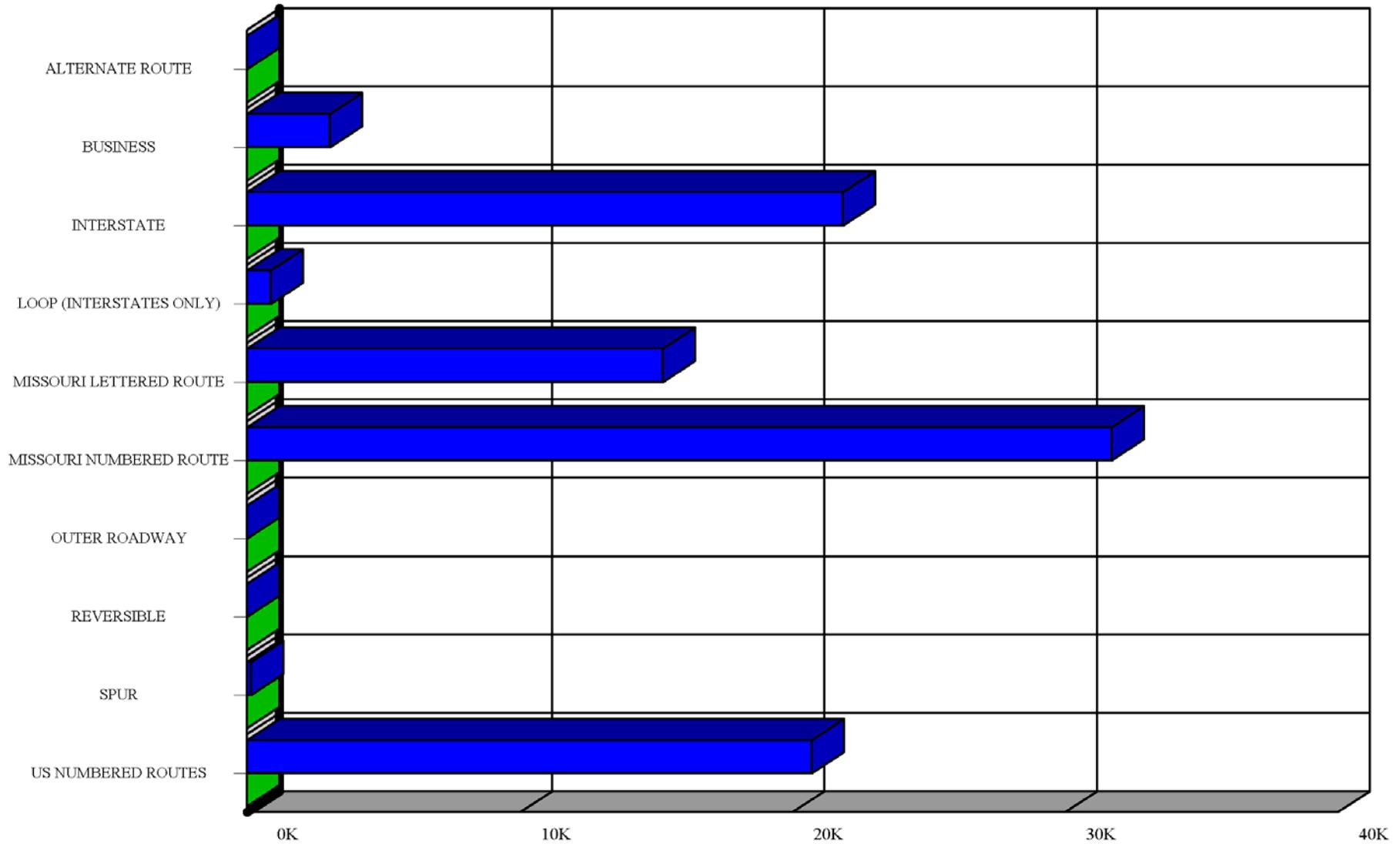




Missouri Department of Transportation Transportation Planning Accidents by Route Marking Designation

Date: 9/23/2002

93624 Total Accidents



Chapter 1-F : ACCIDENTS BY DRIVER'S AGE

In this section, the driver's age is examined with relation to accident involvement. The total number of drivers by age group consists of individuals holding a valid operators or chauffeurs license in the state of Missouri.



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Drivers Age

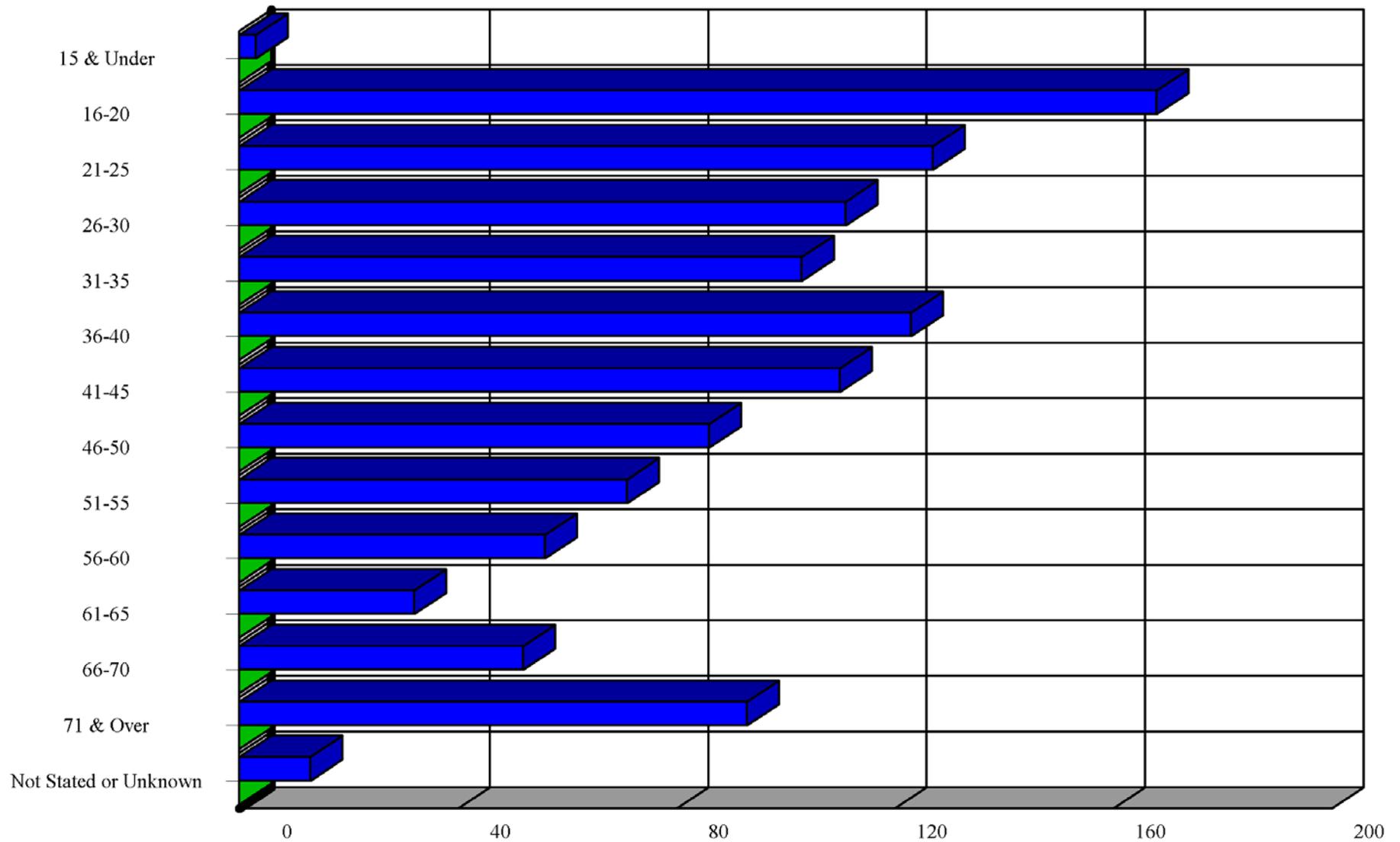
Date: 9/23/2002

Driver Age Group	DRIVERS INVOLVED IN			
	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
15 & Under	3	187	241	431
16-20	168	8,628	19,704	28,500
21-25	127	6,016	14,094	20,237
26-30	111	4,751	11,950	16,812
31-35	103	4,627	11,017	15,747
36-40	123	4,914	12,094	17,131
41-45	110	4,419	10,791	15,320
46-50	86	3,754	8,859	12,699
51-55	71	2,903	7,115	10,089
56-60	56	2,091	5,192	7,339
61-65	32	1,490	3,711	5,233
66-70	52	1,200	2,939	4,191
71 & Over	93	2,397	5,674	8,164
Not Stated or Unknown	13	1,079	7,124	8,216
TOTALS	1,148	48,456	120,505	170,109



Missouri Department of Transportation
Transportation Planning
Fatal Accidents by Drivers Age
1148 Drivers Involved in 726 Accidents

Date: 9/23/2002





Missouri Department of Transportation
Transportation Planning

Date: 9/23/2002

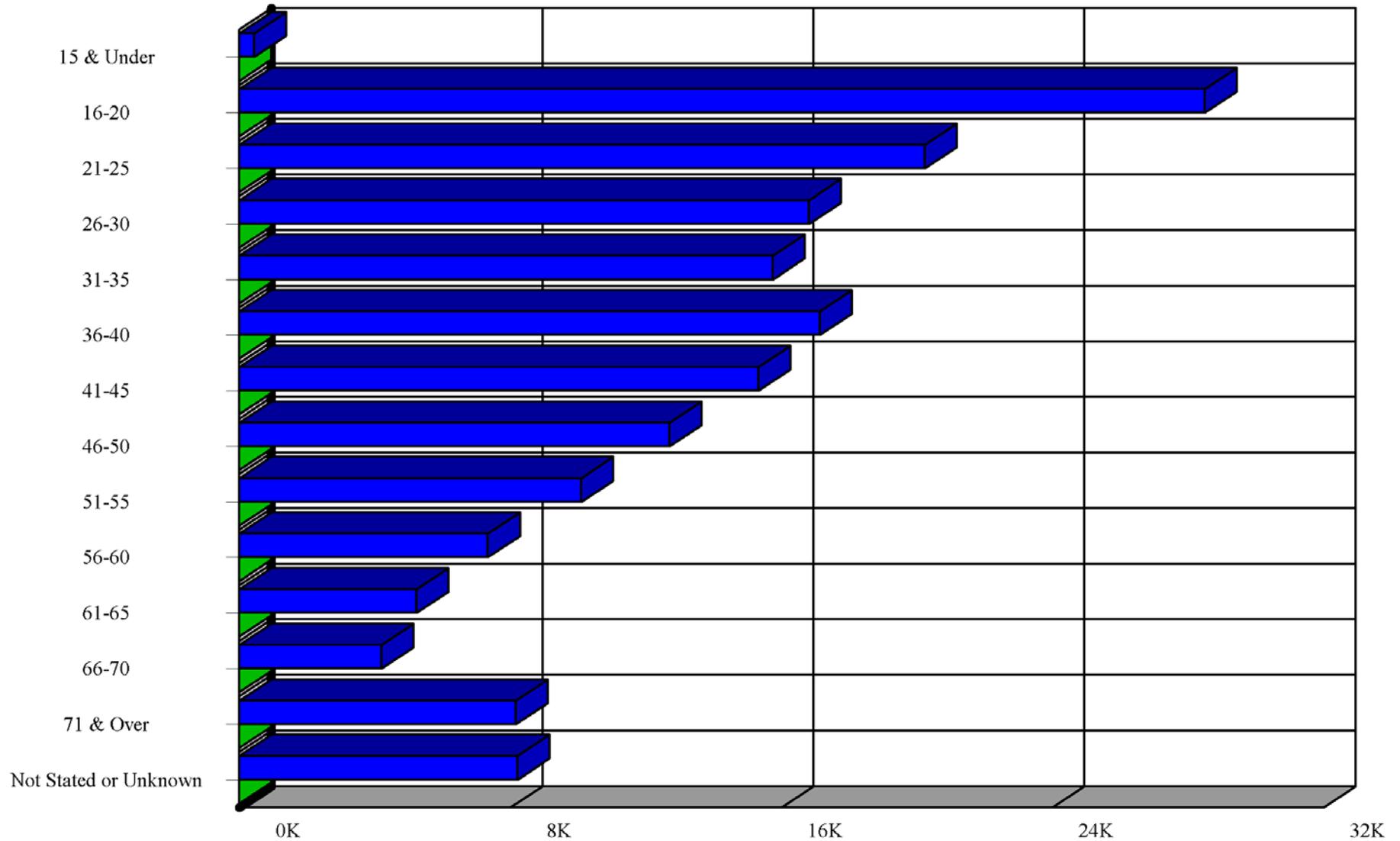
2001 Accident Statistics by Drivers Age

Drivers Age Group	Driver Totals	% of Total Drivers	# Drivers In Accidents	% Drivers Involved in Accidents
16-20	304,873	7.16%	8,583	5.05%
21-25	366,516	8.61%	28,500	16.75%
26-30	372,211	8.75%	20,237	11.90%
31-35	400,767	9.42%	16,812	9.88%
36-40	446,955	10.50%	15,747	9.26%
41-45	456,554	10.73%	17,131	10.07%
46-50	405,348	9.52%	15,320	9.01%
51-55	355,098	8.34%	12,699	7.47%
55-60	274,122	6.44%	10,089	5.93%
61-65	219,519	5.16%	7,339	4.31%
66-70	188,745	4.43%	5,233	3.08%
71 & Over	465,452	10.94%	4,191	2.46%
			8,228	4.84%



Missouri Department of Transportation
Transportation Planning
Total Accidents by Drivers Age
170109 Drivers Involved in 93624 Total Accidents

Date: 9/23/2002



Chapter 1-G : ACCIDENTS BY HOUR, DAY AND MONTH

The hour of 3:00 p.m. to 4:00 p.m. was the hour of highest percentage of total accidents. The hour of 7:00 p.m to 8:00 p.m. was the hour of the highest percentage of fatal accidents during 2001.

Friday was the day with the largest percentage of fatal accidents at 17.6%.

July had the largest number of fatal accidents. May had the largest number of injury accidents. October had the largest number of total accidents in 2001.



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Day of Week

Date: 9/23/2002

Day of Week	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
MONDAY	80	89	3,633	5,537	9,098	12,811
TUESDAY	84	93	3,678	5,594	9,764	13,526
WEDNESDAY	117	126	3,850	5,854	10,498	14,465
THURSDAY	83	94	3,916	5,965	10,466	14,465
FRIDAY	128	140	4,788	7,631	12,310	17,226
SATURDAY	118	127	3,668	5,986	8,397	12,183
SUNDAY	116	135	2,891	4,775	5,897	8,904
UNKNOWN	0	0	8	10	36	44
Totals	726	804	26,432	41,352	66,466	93,624

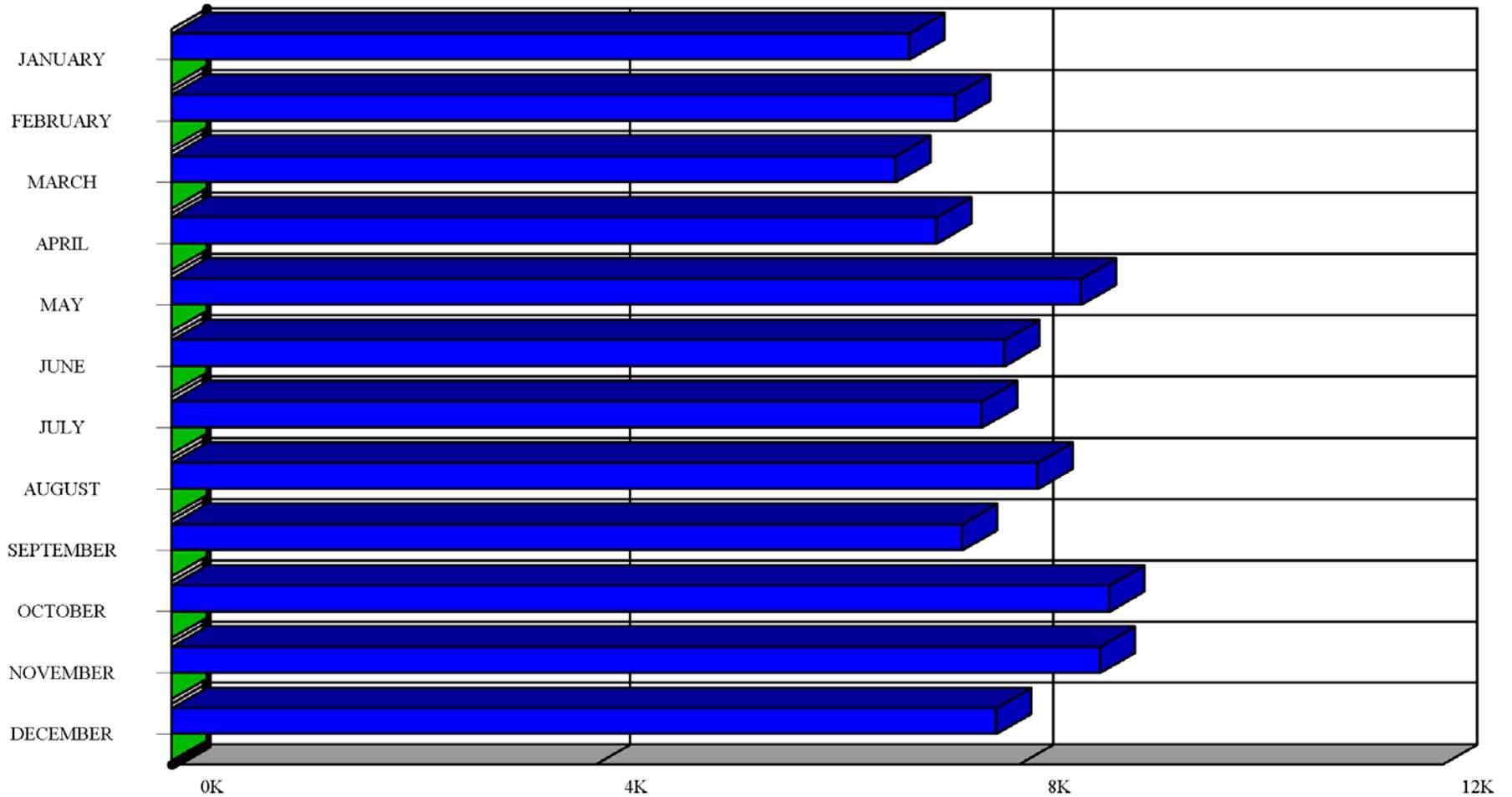


Missouri Department of Transportation Transportation Planning Total Accidents by Month

Date: 9/23/2002

93624 Total Accidents

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
6969	7406	6842	7227	8591	7865	7656	8183	7468	8860	8770	7787	





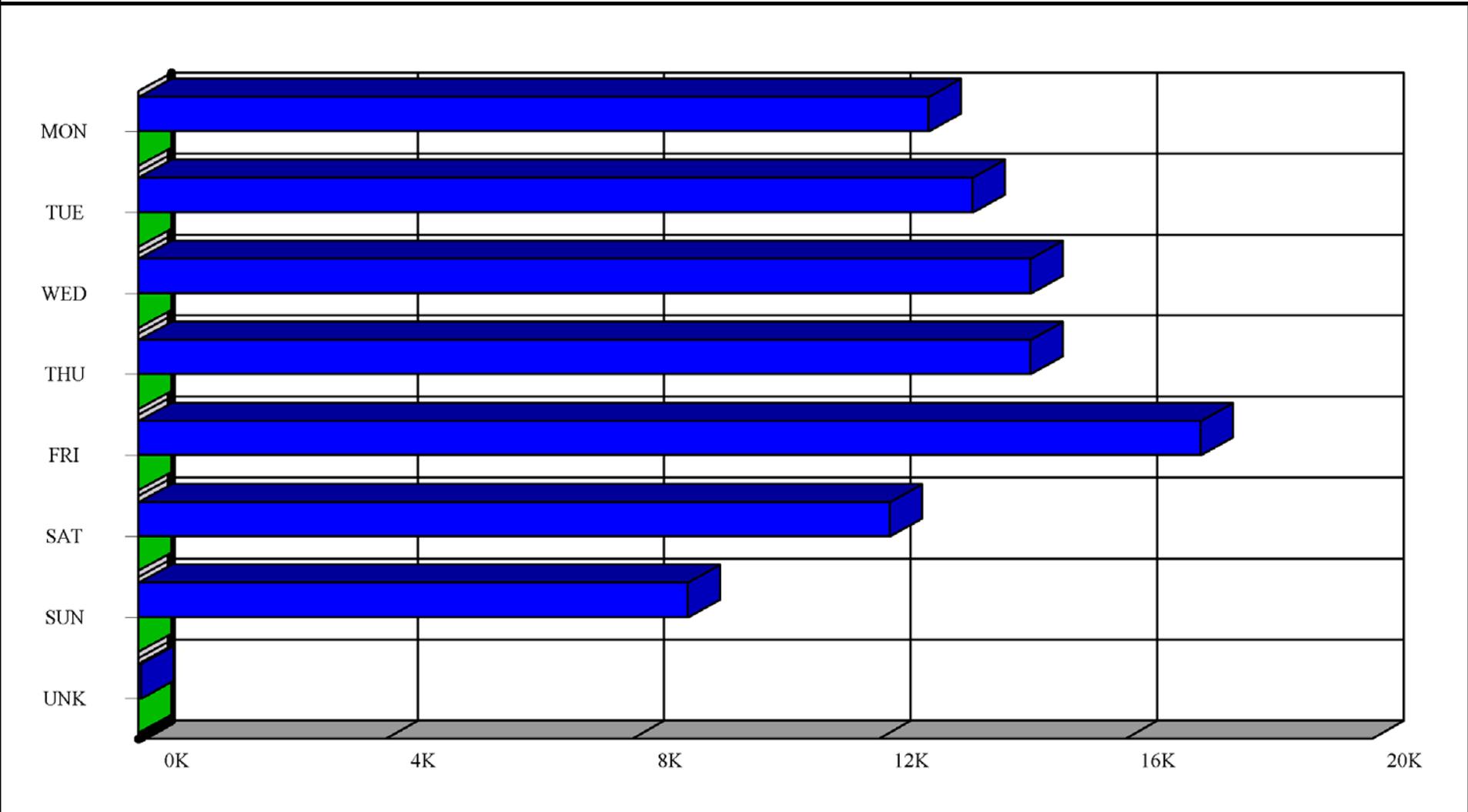
Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

Total Accidents by Day of Week

93624 Total Accidents

MON	TUE	WED	THU	FRI	SAT	SUN	UNK
12811	13526	14465	14465	17226	12183	8904	44





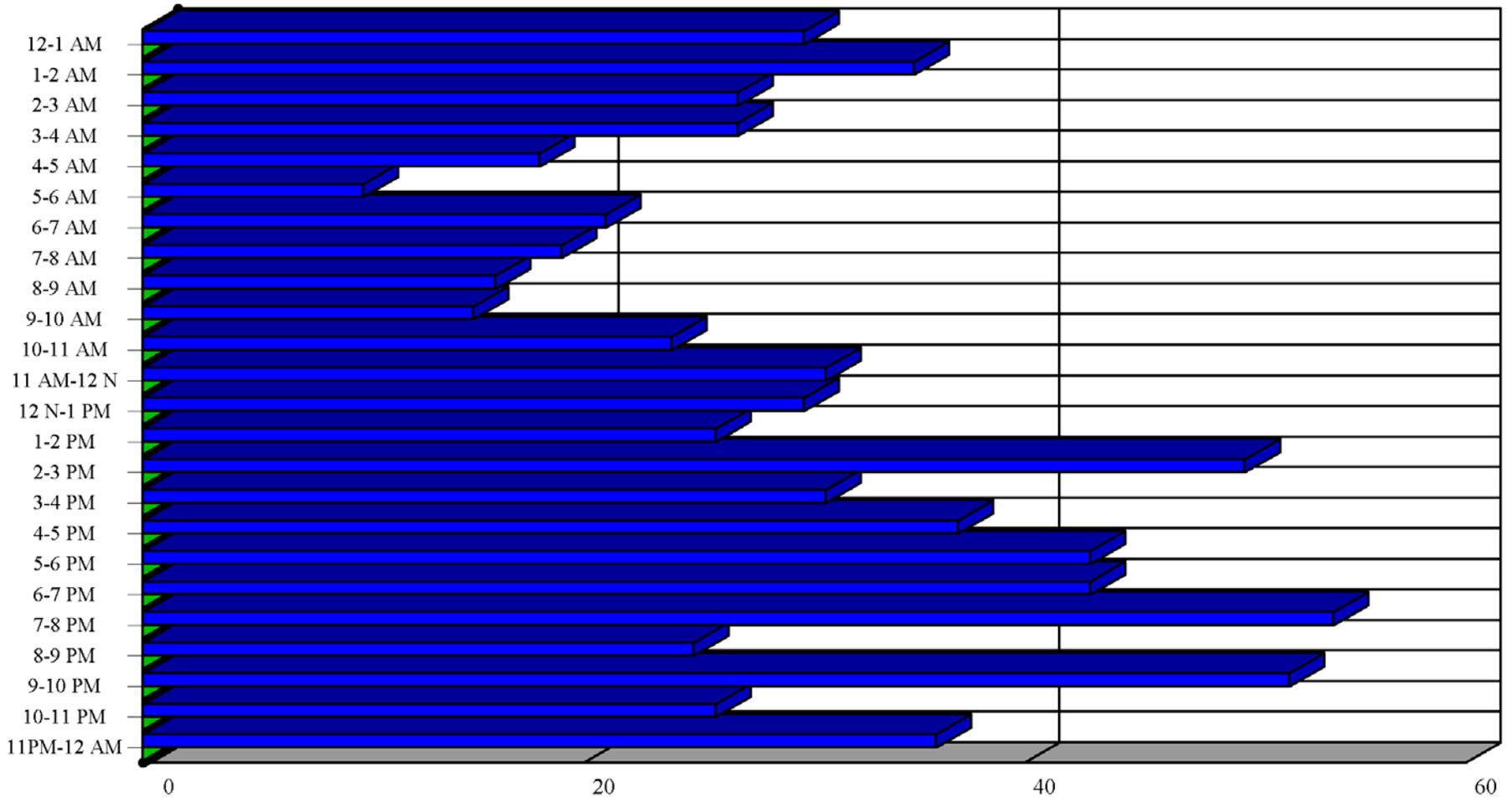
Missouri Department of Transportation
Transportation Planning

Date: 9/23/2002

Fatal Accidents by Time of Day

726 Fatal Accidents

12-1 AM	1-2 AM	2-3 AM	3-4 AM	4-5 AM	5-6 AM	6-7 AM	7-8 AM	8-9 AM	9-10 AM	10-11 AM	11 AM-12 N	12 N-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM	6-7 PM	7-8 PM	8-9 PM	9-10 PM	10-11 PM	11PM-12 AM
30	35	27	27	18	10	21	19	16	15	24	31	30	26	50	31	37	43	43	54	25	52	26	36



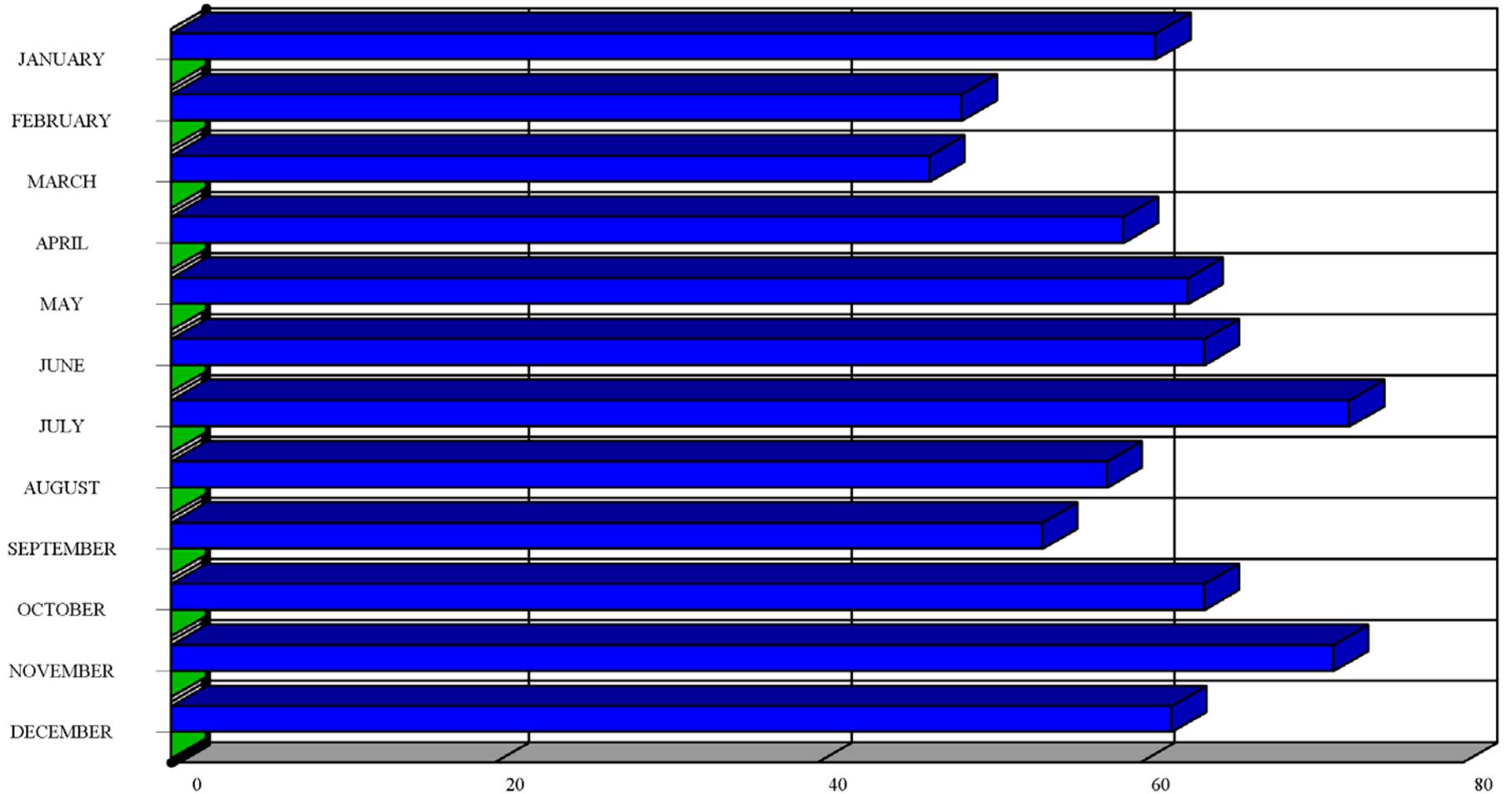


Missouri Department of Transportation Transportation Planning Fatal Accidents by Month

Date: 9/23/2002

726 Fatal Accidents

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
61	49	47	59	63	64	73	58	54	64	72	62





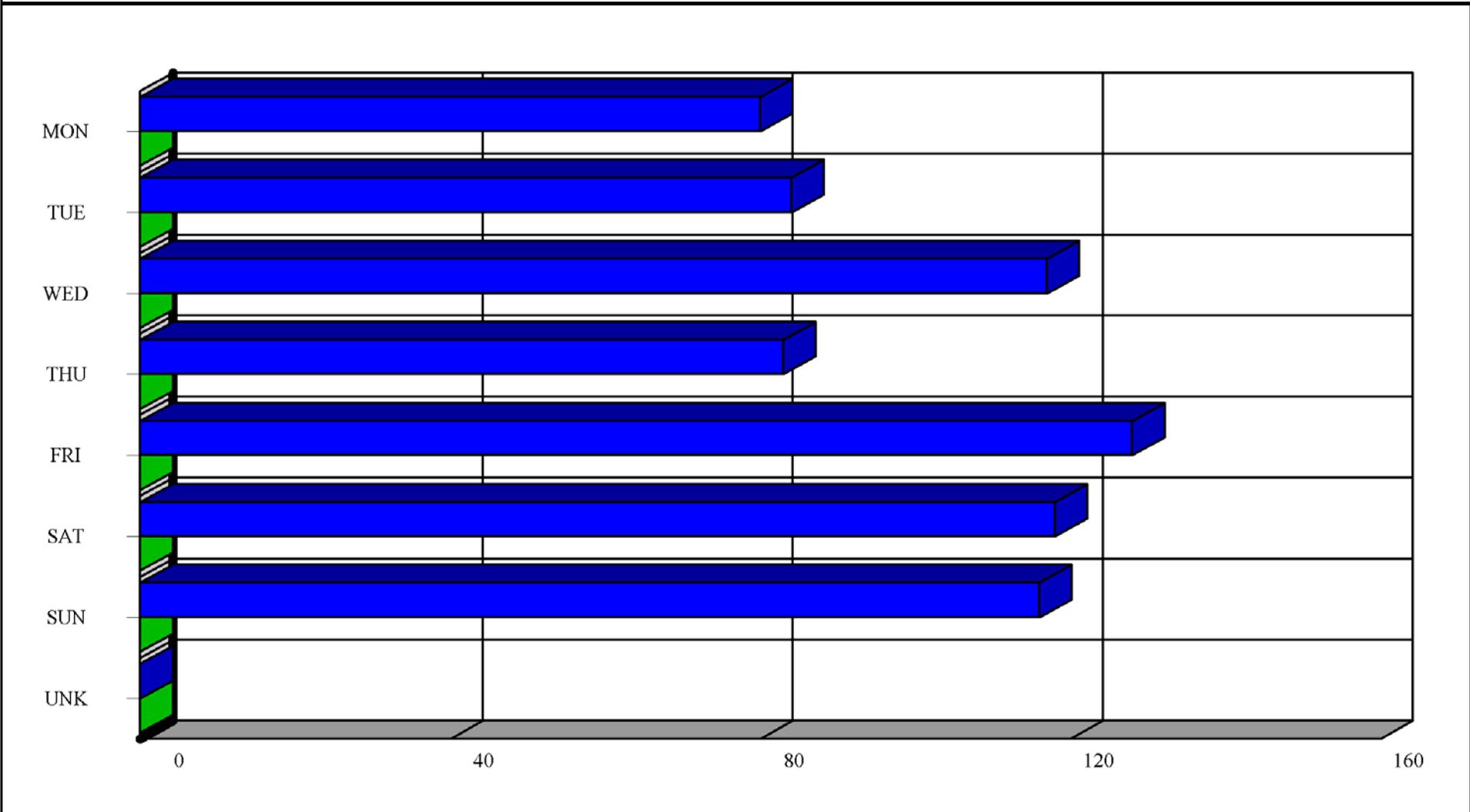
Missouri Department of Transportation
Transportation Planning

Date: 9/23/2002

Fatal Accidents by Day of Week

726 Fatal Accidents

MON	TUE	WED	THU	FRI	SAT	SUN	UNK
80	84	117	83	128	118	116	0





Missouri Department of Transportation
Transportation Planning
2001 Accidents by Time of Day

Date: 9/23/2002

Time of Day	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
12:00M - 12:59 AM	30	35	603	861	1,409	2,042
1:00 - 1:59 AM	35	35	520	794	941	1,496
2:00 - 2:59 AM	27	30	390	599	679	1,096
3:00 - 3:59 AM	27	29	290	427	576	893
4:00 - 4:59 AM	18	19	275	384	555	848
5:00 - 5:59 AM	10	11	374	527	910	1,294
6:00 - 6:59 AM	21	25	719	1,004	1,999	2,739
7:00 - 7:59 AM	19	21	1,337	1,977	3,772	5,128
8:00 - 8:59 AM	16	20	1,178	1,776	2,988	4,182
9:00 - 9:59 AM	15	16	941	1,407	2,462	3,418
10:00 - 10:59 AM	24	29	1,095	1,689	2,671	3,790
11:00 - 11:59 AM	31	30	1,325	2,130	3,440	4,796
12:00N - 12:59 PM	30	37	1,554	2,486	4,048	5,632
1:00 - 1:59 PM	26	31	1,495	2,373	4,026	5,547
2:00 - 2:59 PM	50	49	1,791	2,915	4,289	6,130
3:00 - 3:59 PM	31	37	2,303	3,682	5,974	8,308
4:00 - 4:59 PM	37	44	2,207	3,448	5,496	7,740
5:00 - 5:59 PM	43	52	2,147	3,376	6,005	8,195
6:00 - 6:59 PM	43	52	1,558	2,559	4,033	5,634
7:00 - 7:59 PM	54	59	1,087	1,718	2,650	3,791
8:00 - 8:59 PM	25	24	878	1,446	2,145	3,048
9:00 - 9:59 PM	52	58	974	1,618	2,193	3,219
10:00 - 10:59 PM	26	26	724	1,144	1,801	2,551
11:00 - 11:59 PM	36	35	667	1,012	1,404	2,107
Totals	726	804	26,432	41,352	66,466	93,624



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Month

Date: 9/23/2002

Month	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
JANUARY	61	66	1,929	2,912	4,979	6,969
FEBRUARY	49	54	1,962	2,940	5,395	7,406
MARCH	47	48	1,956	3,075	4,839	6,842
APRIL	59	66	2,153	3,409	5,015	7,227
MAY	63	70	2,512	4,040	6,016	8,591
JUNE	64	66	2,292	3,676	5,509	7,865
JULY	73	86	2,334	3,774	5,249	7,656
AUGUST	58	69	2,391	3,780	5,734	8,183
SEPTEMBER	54	52	2,160	3,292	5,254	7,468
OCTOBER	64	81	2,425	3,749	6,371	8,860
NOVEMBER	72	80	2,253	3,538	6,445	8,770
DECEMBER	62	66	2,065	3,167	5,660	7,787
Totals	726	804	26,432	41,352	66,466	93,624



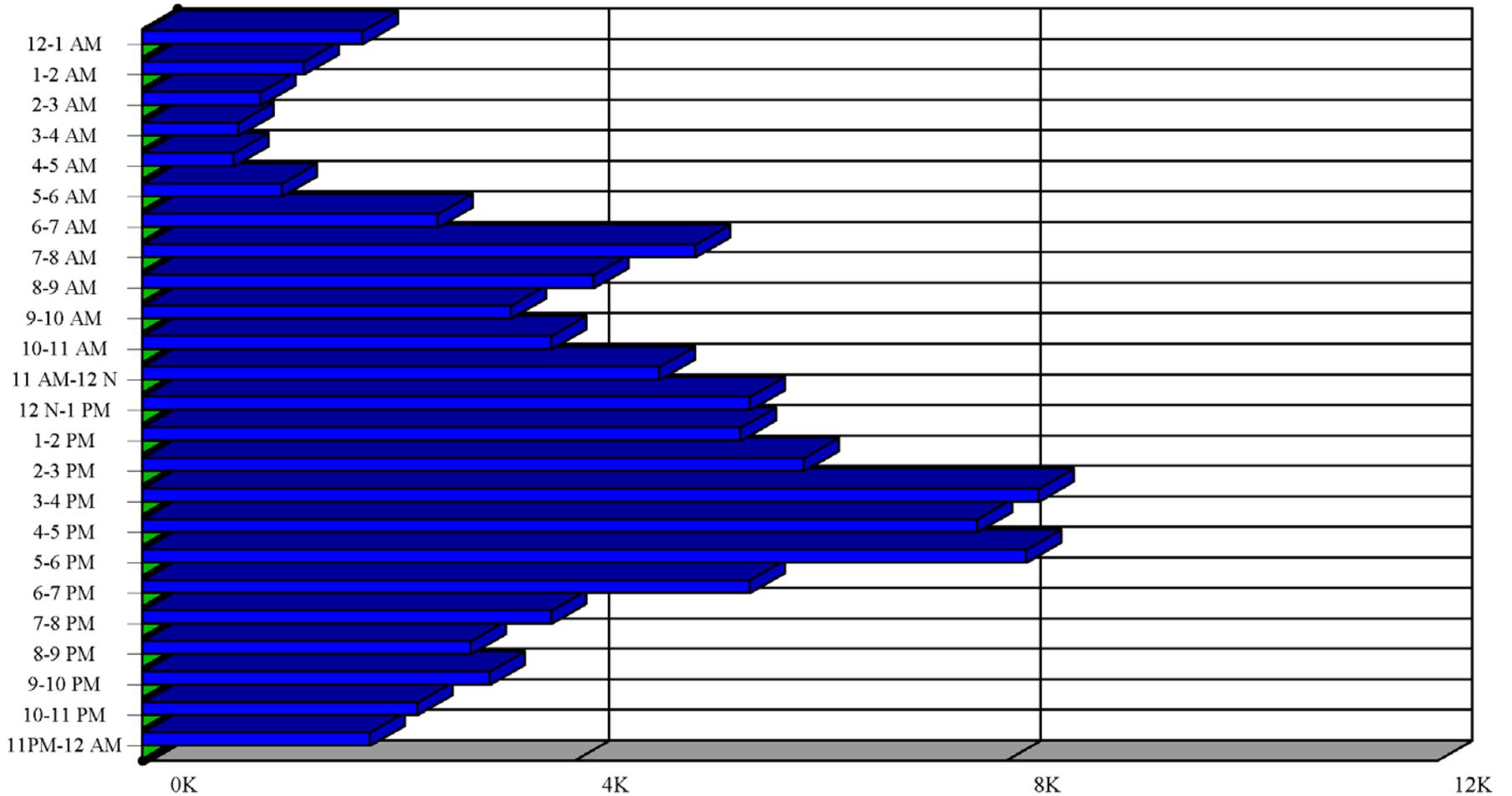
Missouri Department of Transportation Transportation Planning

Date: 9/23/2002

Total Accidents by Time of Day

93624 Total Accidents

12-1 AM	1-2 AM	2-3 AM	3-4 AM	4-5 AM	5-6 AM	6-7 AM	7-8 AM	8-9 AM	9-10 AM	10-11 AM	11 AM-12 N	12 N-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM	6-7 PM	7-8 PM	8-9 PM	9-10 PM	10-11 PM	11PM-12 AM
2042	1496	1096	893	848	1294	2739	5128	4182	3418	3790	4796	5632	5547	6130	8308	7740	8195	5634	3791	3048	3219	2551	2107



Chapter 1-H : ACCIDENTS BY WEATHER CONDITION

The examination of weather conditions reveals that, in 2001, a majority of both fatal and total accidents occurred under what could be considered ideal weather conditions.



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Weather Condition

Date: 9/25/2002

Weather Condition	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
CLEAR	415	465	15,637	24,644	37,388	53,440
CLOUDY	230	253	7,094	11,030	15,787	23,111
FOG/MIST	16	18	293	447	596	905
FREEZING	4	4	94	165	274	372
NOT STATED	0	0	94	122	4,535	4,629
RAIN	51	54	2,800	4,361	6,686	9,537
SLEET	4	4	109	140	289	402
SNOW	6	6	311	443	911	1,228
Totals	726	804	26,432	41,352	66,466	93,624



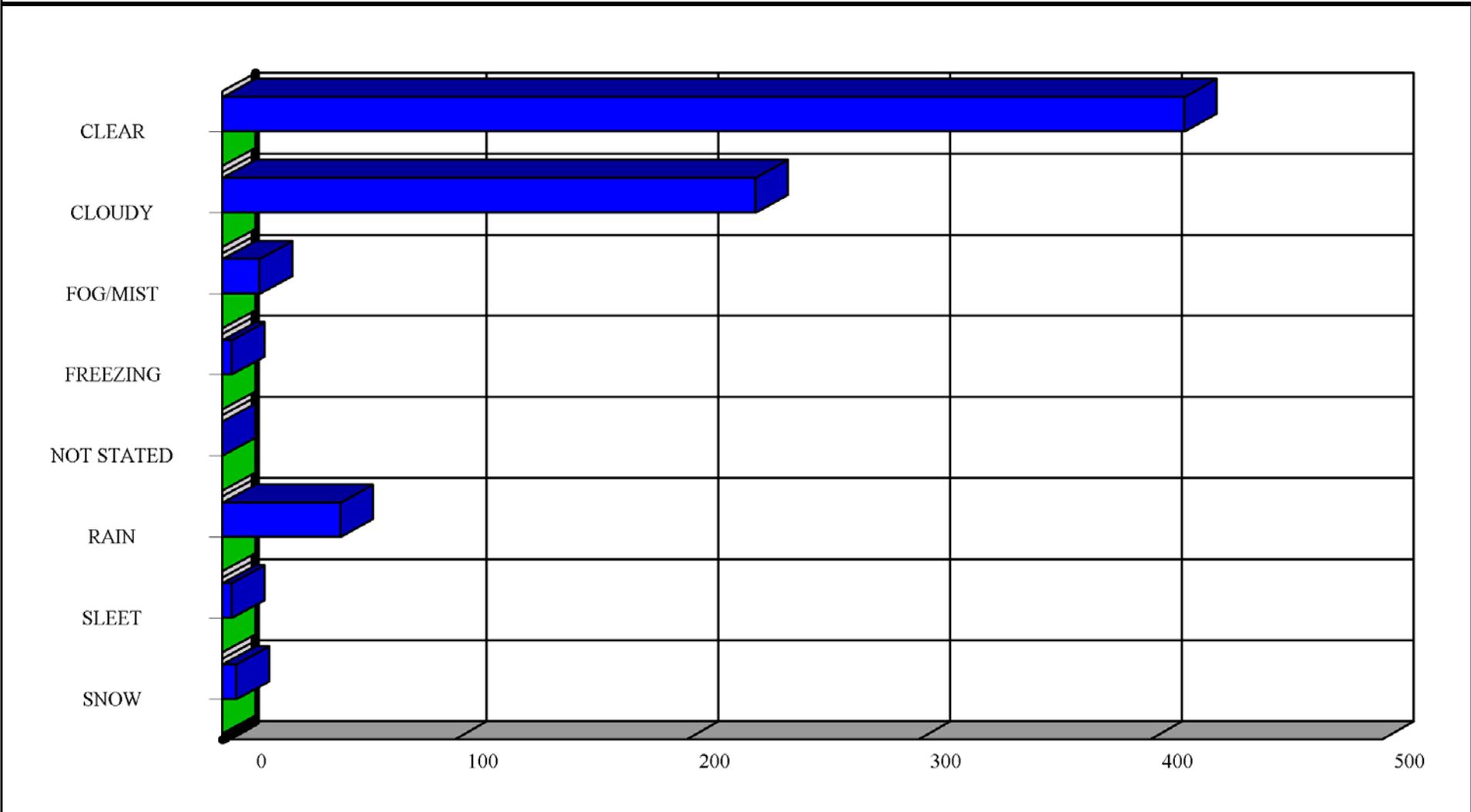
Missouri Department of Transportation Transportation Planning

Date: 9/25/2002

Fatal Accidents by Weather Condition

726 Fatal Accidents

CLEAR	CLOUDY	FOG/MIST	FREEZING	NOT STATED	RAIN	SLEET	SNOW
415	230	16	4	0	51	4	6





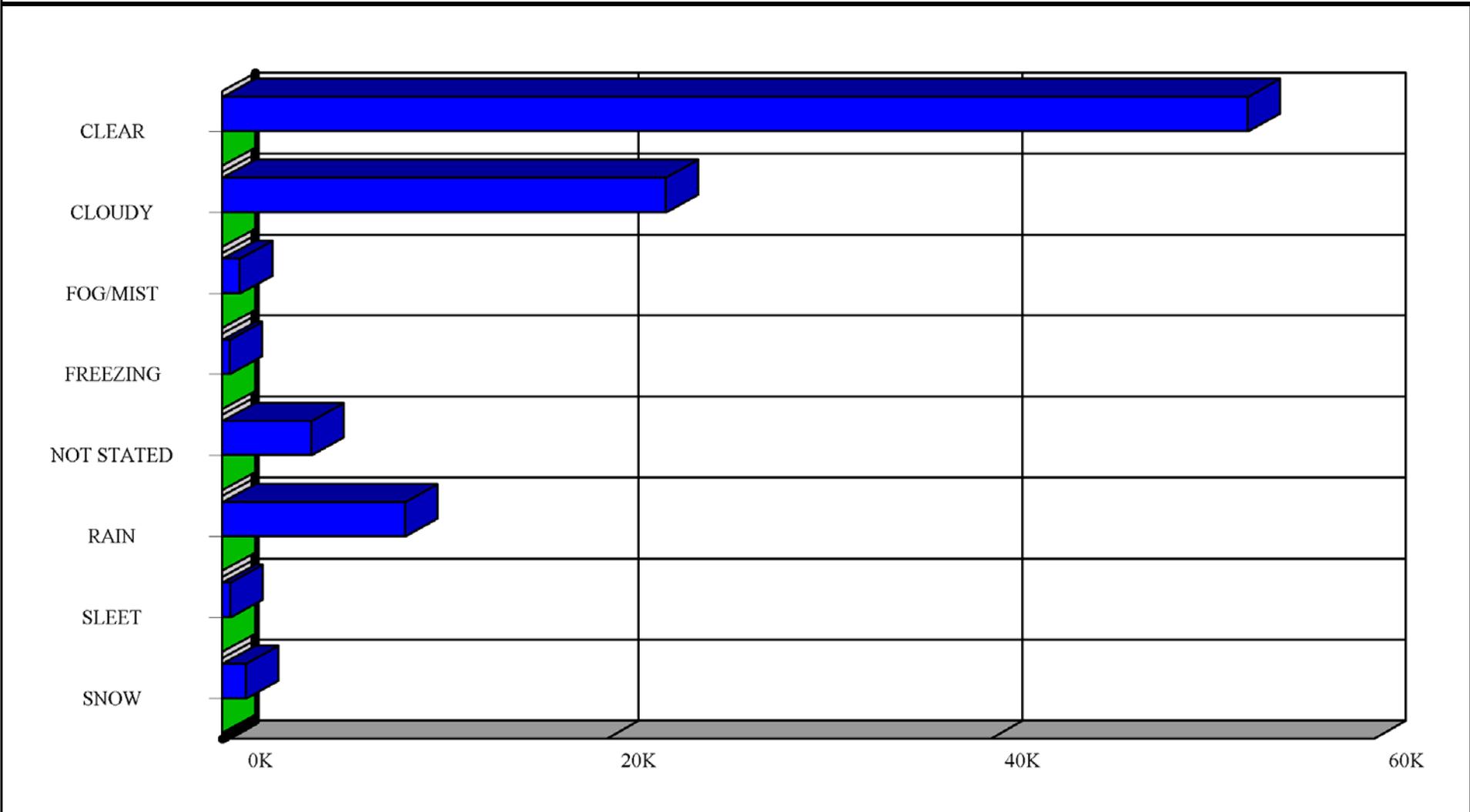
Missouri Department of Transportation Transportation Planning

Date: 9/25/2002

Total Accidents by Weather Condition

93624 Total Accidents

CLEAR	CLOUDY	FOG/MIST	FREEZING	NOT STATED	RAIN	SLEET	SNOW
53440	23111	905	372	4629	9537	402	1228



Chapter 1-I : ACCIDENTS BY VEHICLE TYPE

In this section, the types of vehicles involved in the accidents are reviewed. The totals shown represent all vehicles as a separate accident; therefore, the vehicle totals will not agree with the accident totals.

In 2001, the ratio of passenger cars involved in fatal accidents to those involved in all accidents was 1:152.6. For motorcycles, this ratio was 1:24.8.



**Missouri Department of Transportation
Transportation Planning
2001 Accidents by Vehicle Type**

Date: 9/25/2002

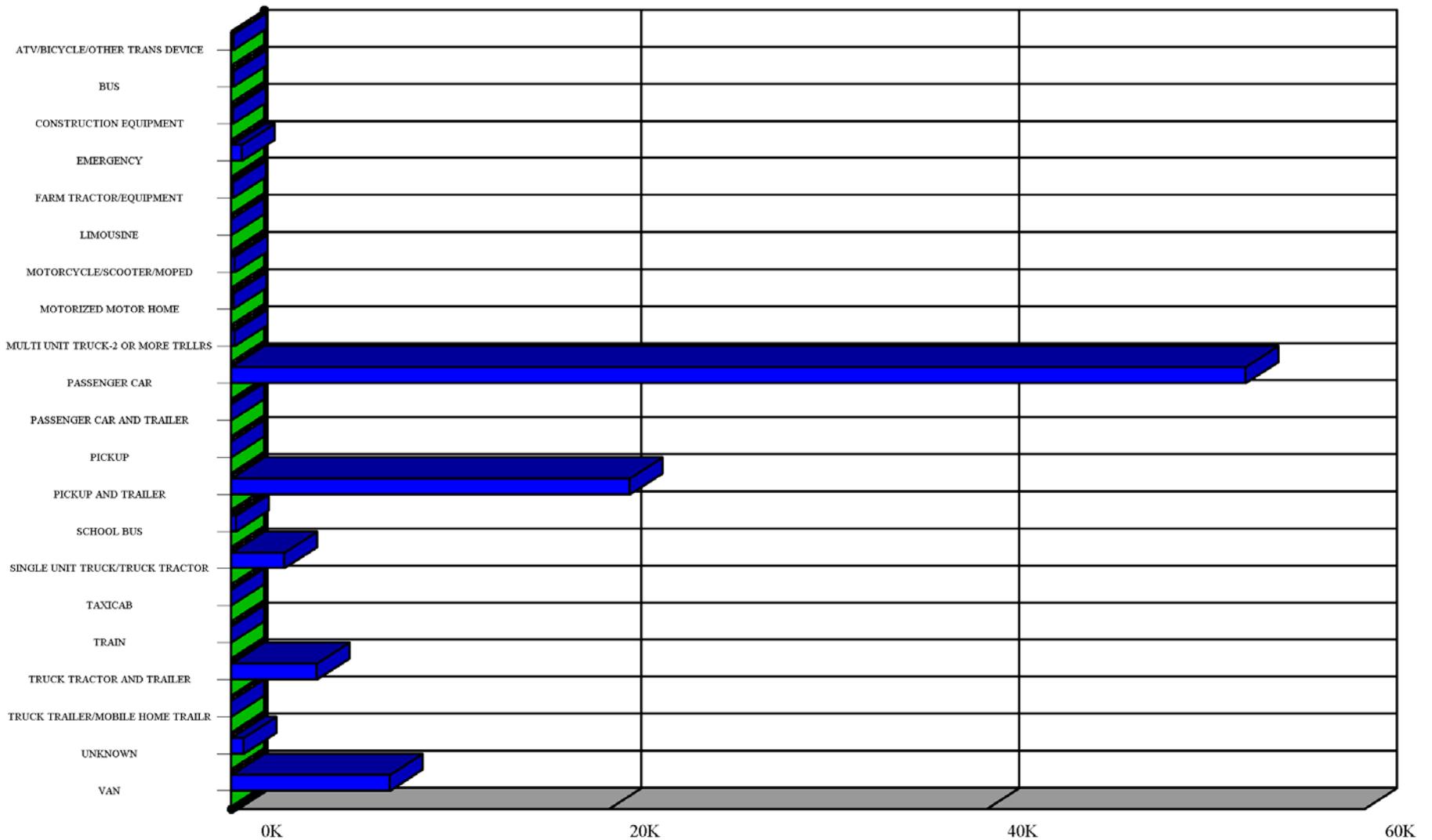
Vehicle Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ATV/BICYCLE/OTHER TRANS DEVICE	11	11	173	194	125	309
BUS	4	9	51	210	146	201
CONSTRUCTION EQUIPMENT	1	1	25	38	100	126
EMERGENCY	6	7	135	240	584	725
FARM TRACTOR/EQUIPMENT	3	2	64	106	97	164
LIMOUSINE	0	0	0	0	0	0
MOTORCYCLE/SCOOTER/MOPED	38	38	700	874	204	942
MOTORIZED MOTOR HOME	2	3	28	45	121	151
MULTI UNIT TRUCK-2 OR MORE TRLLRS	3	3	53	81	184	240
PASSENGER CAR	495	566	21,284	34,053	53,737	75,516
PASSENGER CAR AND TRAILER	0	0	0	0	0	0
PICKUP	0	0	0	0	0	0
PICKUP AND TRAILER	232	261	8,042	12,937	21,107	29,381
SCHOOL BUS	1	1	82	224	257	340
SINGLE UNIT TRUCK/TRUCK TRACTOR	30	32	909	1,386	2,819	3,758
TAXICAB	0	0	0	0	0	0
TRAIN	0	0	0	0	0	0
TRUCK TRACTOR AND TRAILER	88	101	1,312	2,050	4,526	5,926
TRUCK TRAILER/MOBILE HOME TRAILR	0	0	0	0	0	0
UNKNOWN	4	4	110	160	674	788
VAN	60	73	3,444	6,103	8,393	11,897
Totals	978	1,112	36,412	58,701	93,074	130,464



Missouri Department of Transportation Transportation Planning PDO Accidents by Vehicle Type

Date: 9/25/2002

93074 Vehicles in PDO Accidents

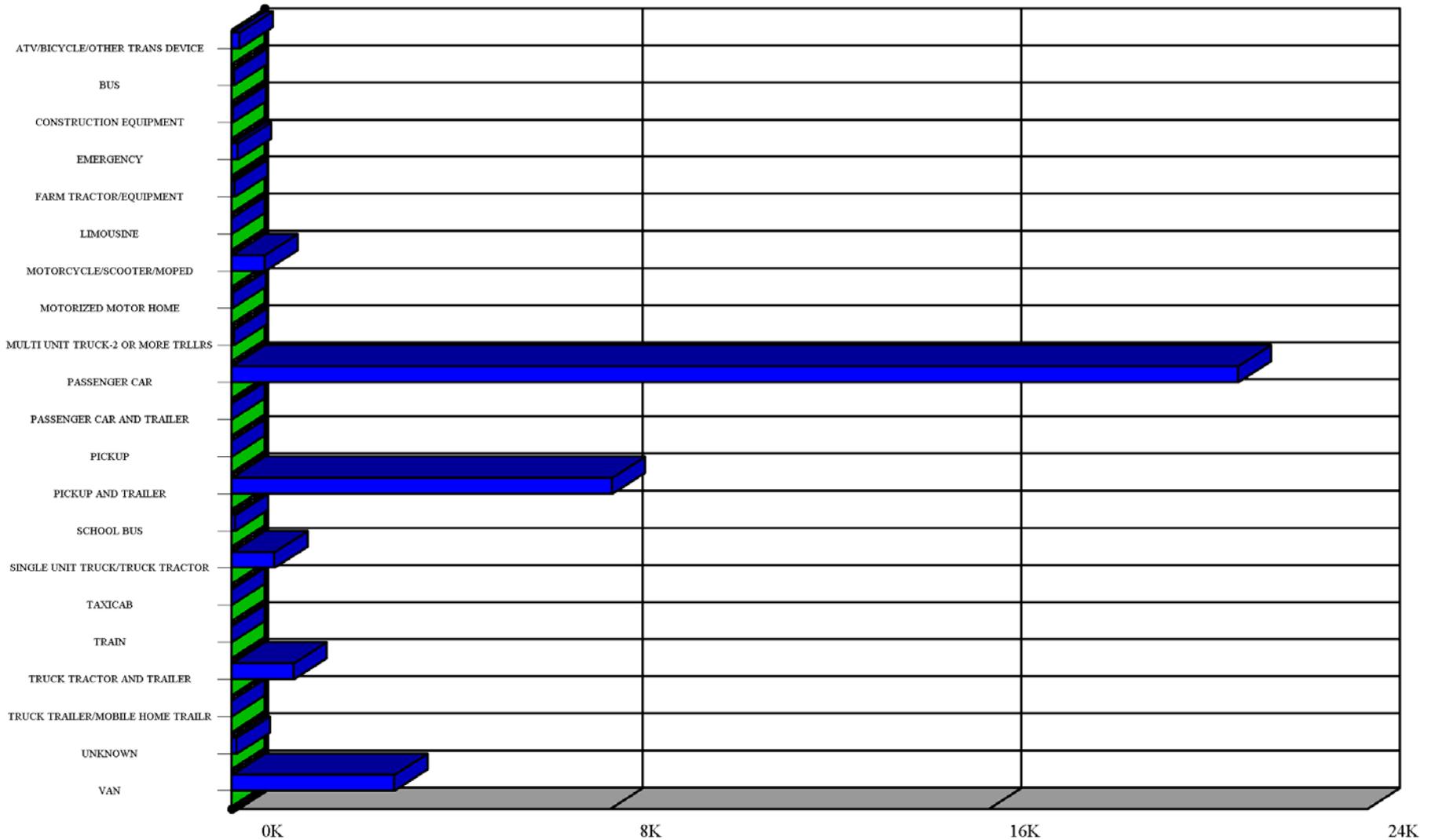




Missouri Department of Transportation Transportation Planning Injury Accidents by Vehicle Type

Date: 9/25/2002

36412 Vehicles in INJURY Accidents

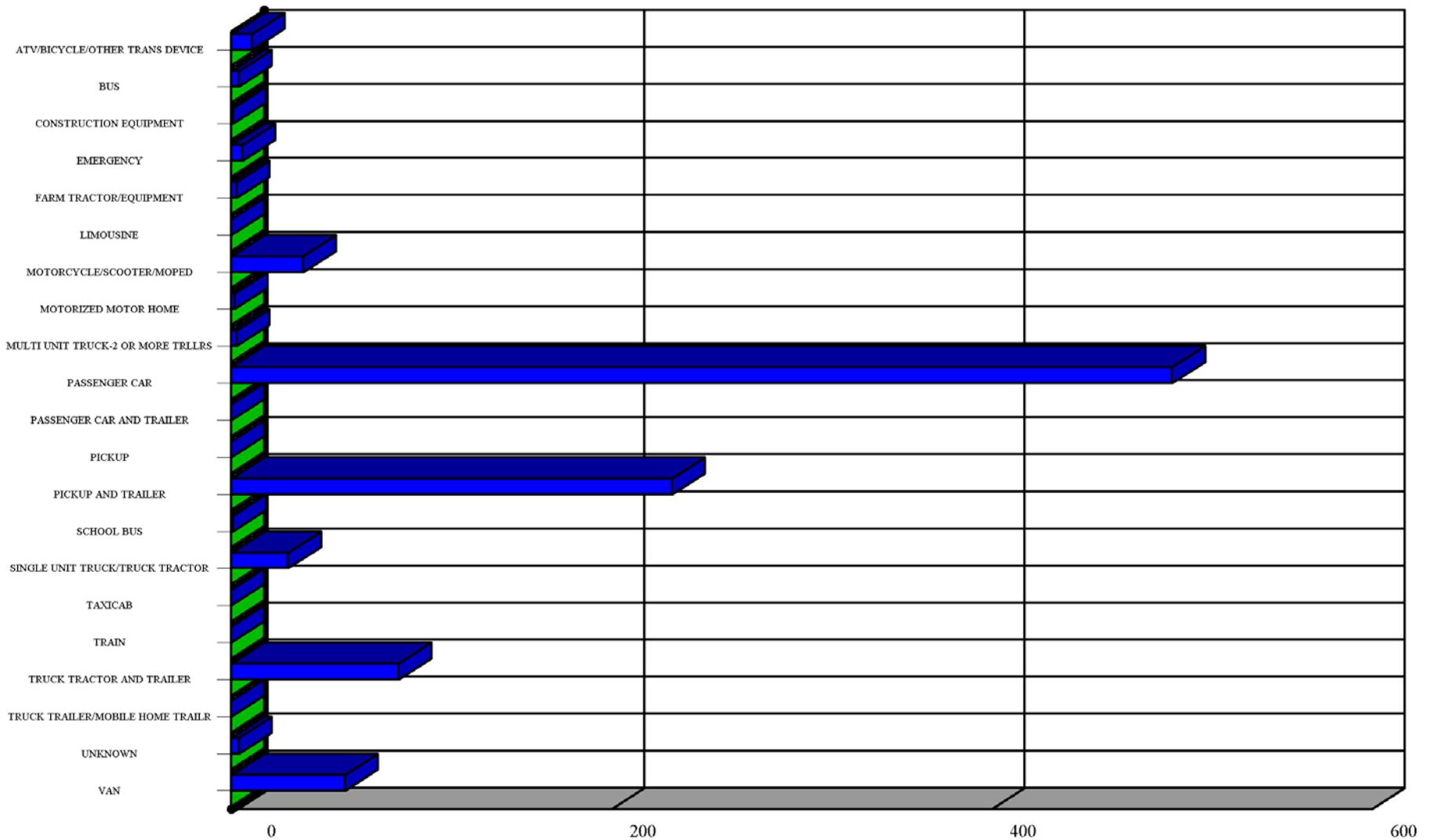




Missouri Department of Transportation Transportation Planning Fatal Accidents by Vehicle Type

Date: 9/25/2002

978 Vehicles in FATAL Accidents

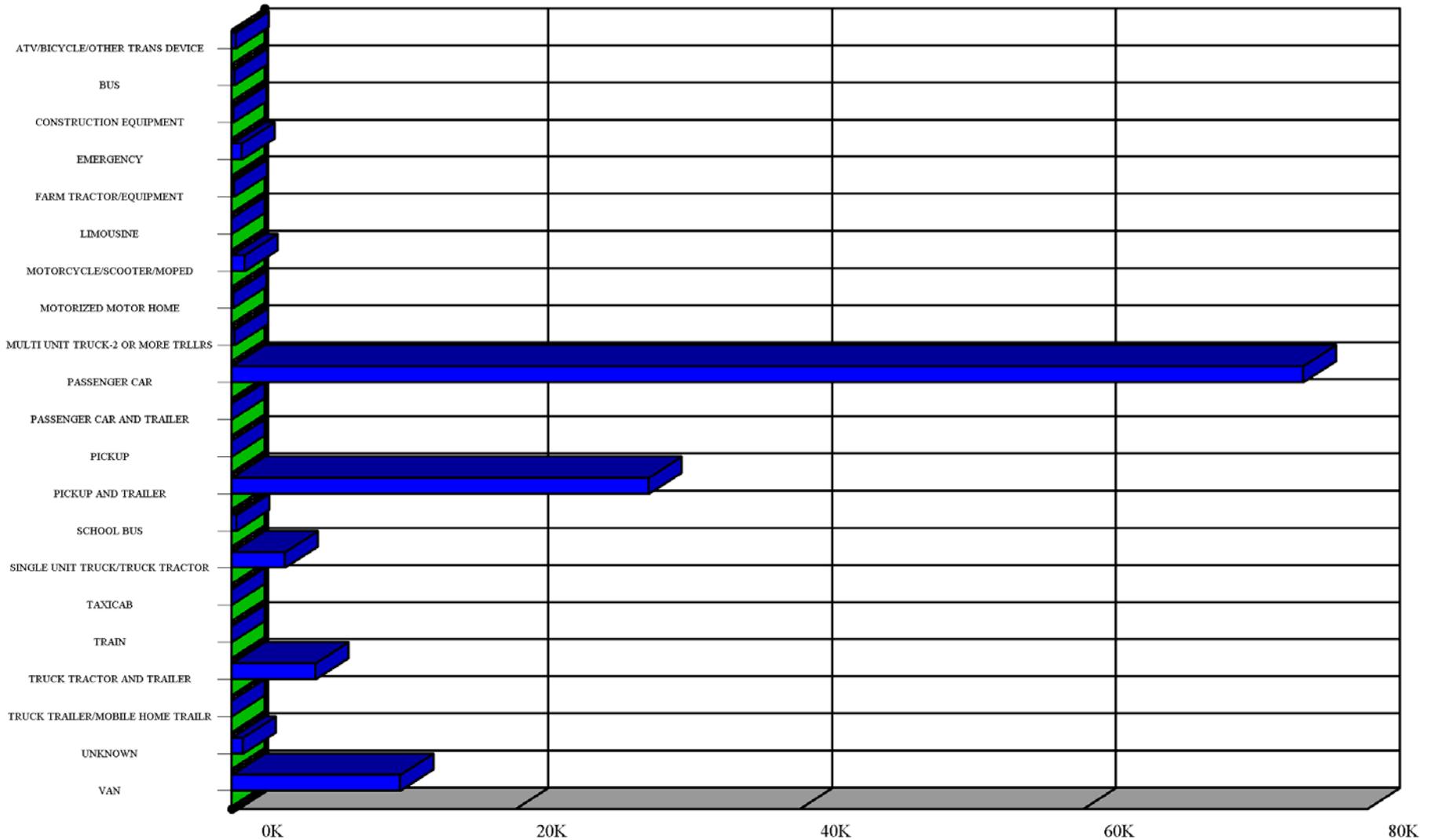




Missouri Department of Transportation Transportation Planning Total Accidents by Vehicle Type

Date: 9/25/2002

130464 Vehicles in Accidents



Chapter 1-J : ACCIDENTS BY LIGHT CONDITION

This section reviews the total reported accidents to determine whether they occurred during dark hours or daylight hours.

During 2001, 71.8% of the total accidents and 51.1% of the fatal accidents happened during daylight hours.



Missouri Department of Transportation
Transportation Planning
2001 Accidents by Light Condition

Date: 9/25/2002

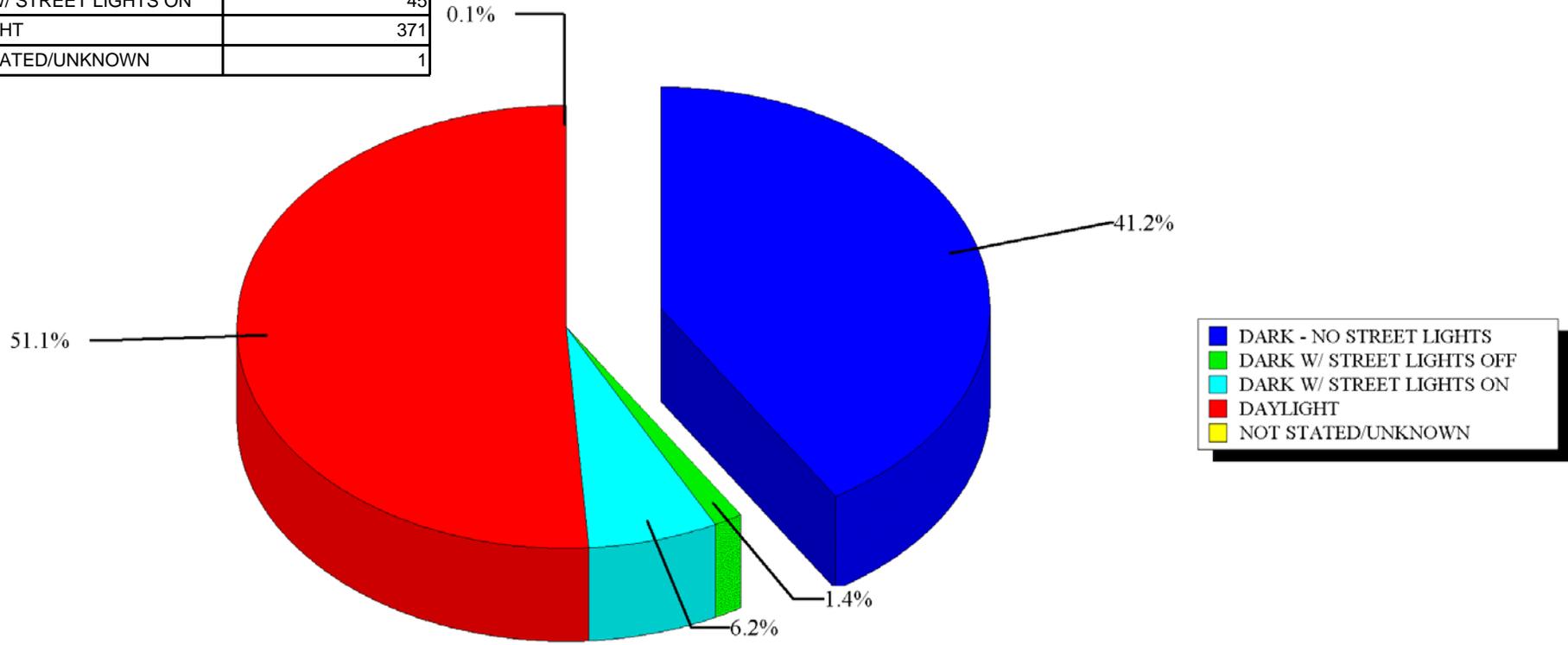
Light Condition	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
DARK - NO STREET LIGHTS	299	328	4,386	6,659	9,753	14,438
DARK W/ STREET LIGHTS OFF	10	10	143	212	401	554
DARK W/ STREET LIGHTS ON	45	42	3,059	4,833	7,907	11,011
DAYLIGHT	371	423	18,785	29,567	48,111	67,267
NOT STATED/UNKNOWN	1	1	59	81	294	354
Totals	726	804	26,432	41,352	66,466	93,624



Missouri Department of Transportation
Transportation Planning
2001 Fatal Accidents by Light Condition
726 Fatal Accidents

Date: 10/1/2002

Light Condition	Total Fatal Accidents
DARK - NO STREET LIGHTS	299
DARK W/ STREET LIGHTS OFF	10
DARK W/ STREET LIGHTS ON	45
DAYLIGHT	371
NOT STATED/UNKNOWN	1



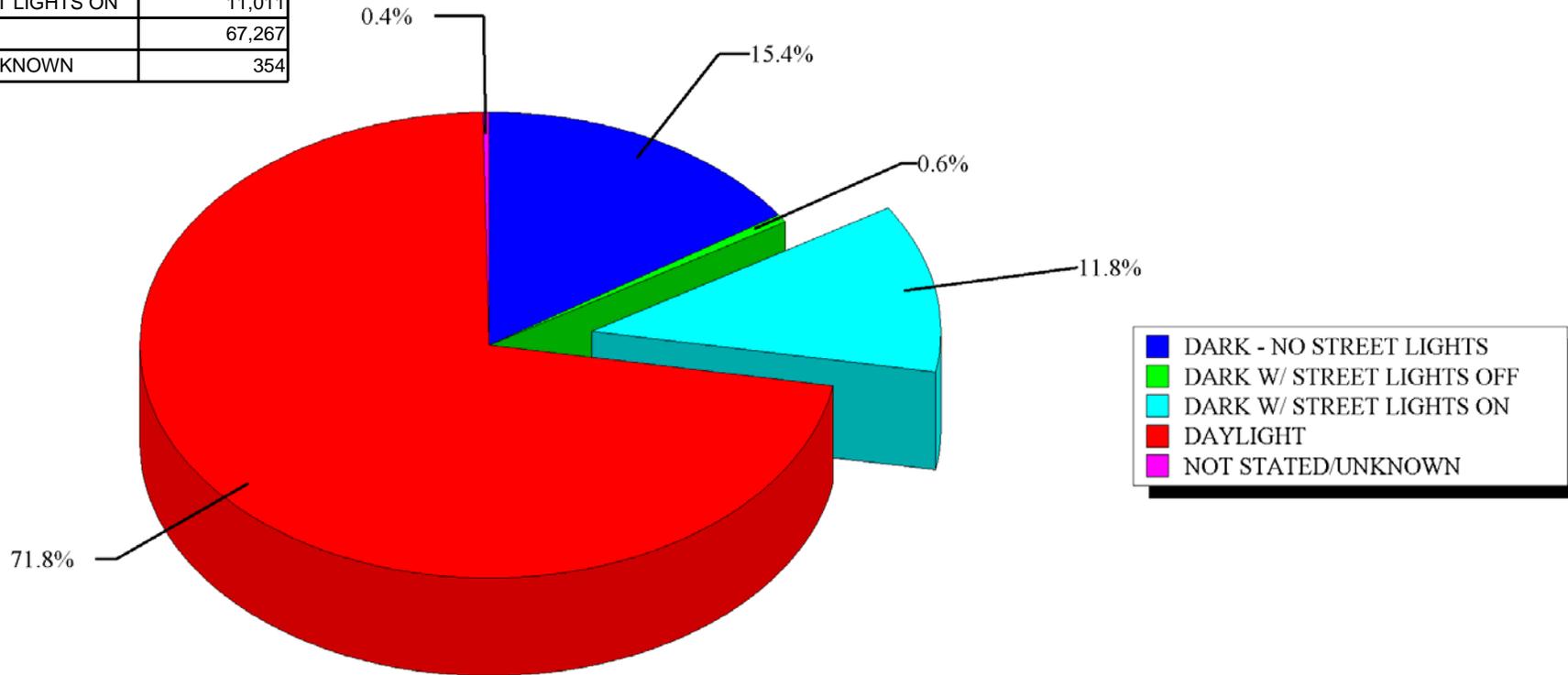


Missouri Department of Transportation Transportation Planning 2001 Accidents by Light Condition

Date: 10/1/2002

93,624 Total Accidents

Light Condition	Total Accidents
DARK - NO STREET LIGHTS	14,438
DARK W/ STREET LIGHTS OFF	554
DARK W/ STREET LIGHTS ON	11,011
DAYLIGHT	67,267
NOT STATED/UNKNOWN	354



Chapter 1-K : ACCIDENTS BY FIXED OBJECT STRUCK

This section examines all accidents involving vehicle contact with a fixed object. In 2001, embankments, rock backslopes, etc., were the fixed objects struck most frequently as they were involved in 29.2% of the fatal fixed object accidents and 16.9% of all fixed object accidents.



**Missouri Department of Transportation
Transportation Planning
2001 Accidents by Fixed Object Struck**

Date: 9/25/2002

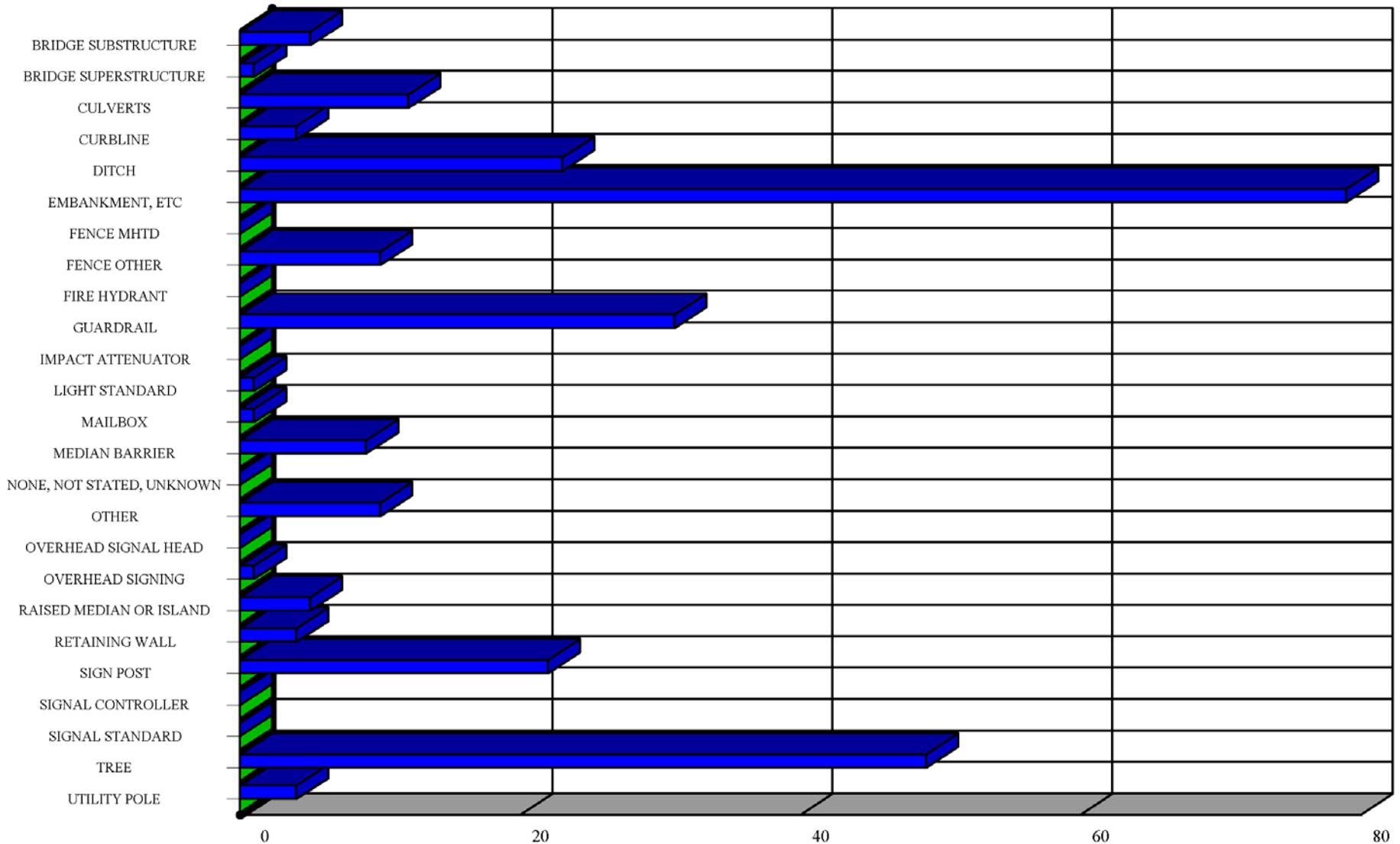
Fixed Object Struck	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
BRIDGE SUBSTRUCTURE	5	6	25	32	69	99
BRIDGE SUPERSTRUCTURE	1	1	27	34	11	39
CULVERTS	12	15	272	363	255	539
CURBLINE	4	4	94	139	280	378
DITCH	23	23	930	1,241	1,269	2,222
EMBANKMENT, ETC	79	80	1,430	1,969	1,222	2,731
FENCE MHTD	0	0	0	0	0	0
FENCE OTHER	10	10	351	449	826	1,187
FIRE HYDRANT	0	0	7	13	24	31
GUARDRAIL	31	31	660	843	1,188	1,879
IMPACT ATTENUATOR	0	0	20	24	41	61
LIGHT STANDARD	1	3	53	64	117	171
MAILBOX	1	2	119	159	238	358
MEDIAN BARRIER	9	9	457	619	839	1,305
NONE, NOT STATED, UNKNOWN	0	0	13	14	17	30
OTHER	10	11	301	377	673	984
OVERHEAD SIGNAL HEAD	0	0	0	0	0	0
OVERHEAD SIGNING	1	1	0	0	4	5
RAISED MEDIAN OR ISLAND	5	4	122	158	203	330
RETAINING WALL	4	3	52	65	87	143
SIGN POST	22	22	448	562	1,180	1,650
SIGNAL CONTROLLER	0	0	0	0	0	0
SIGNAL STANDARD	0	0	43	54	90	133
TREE	49	47	634	824	551	1,234
UTILITY POLE	4	4	250	309	381	635
Totals	271	276	6,308	8,312	9,565	16,144



Missouri Department of Transportation Transportation Planning Fatal Accidents by Fixed Object Struck

Date: 9/25/2002

271 Fatal Accidents

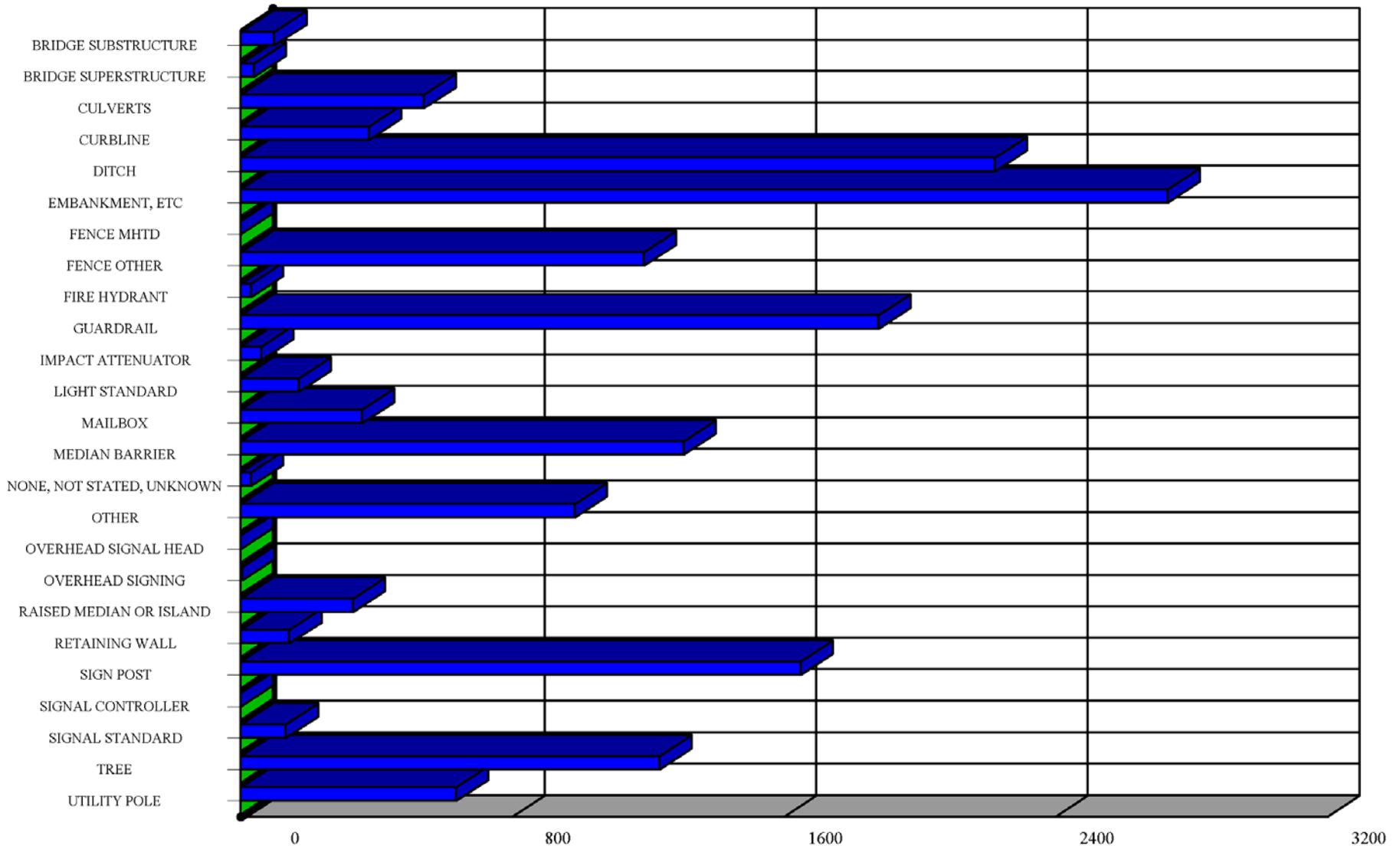




Missouri Department of Transportation Transportation Planning Total Accidents by Fixed Object Struck

Date: 9/25/2002

16144 Total Accidents



Chapter 1-L : ACCIDENTS BY INTERSECTION TYPE

In 2001, 11.5% of the total accidents occurring on the State Highway System were at intersections with public roads or streets. These accidents resulted in 8.7% of the total fatal accidents. Interchanges represented 14.4% of the total accidents and 7.7% of fatal accidents.



**Missouri Department of Transportation
Transportation Planning
2001 Accidents by Intersection Type**

Date: 9/25/2002

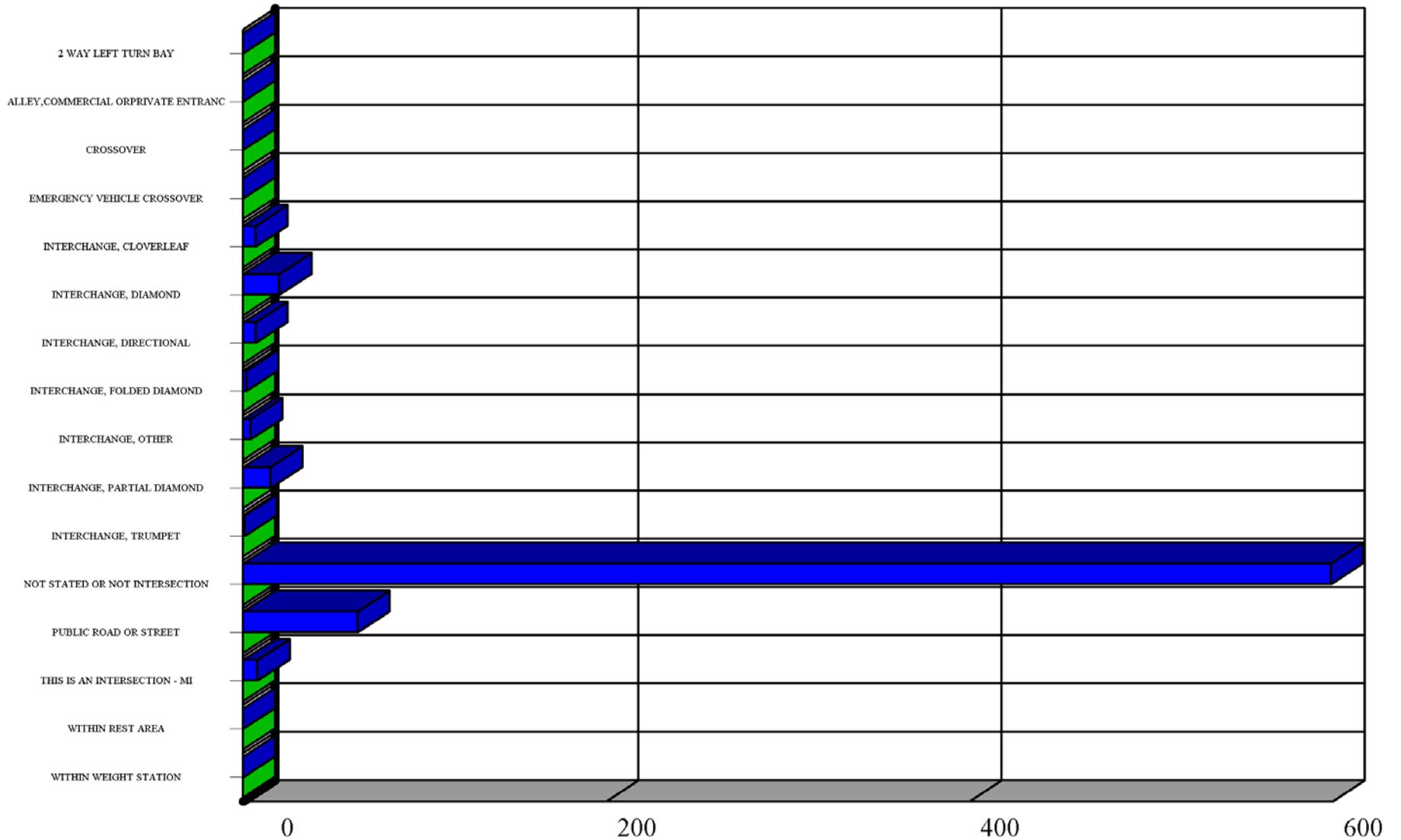
Intersection Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
2 WAY LEFT TURN BAY	0	0	0	0	0	0
ALLEY,COMMERCIAL ORPRIVATE ENTRANC	0	0	18	30	17	35
CROSSOVER	0	0	0	0	0	0
EMERGENCY VEHICLE CROSSOVER	0	0	0	0	0	0
INTERCHANGE, CLOVERLEAF	7	7	368	570	984	1,359
INTERCHANGE, DIAMOND	20	23	1,521	2,294	5,115	6,656
INTERCHANGE, DIRECTIONAL	7	9	315	446	939	1,261
INTERCHANGE, FOLDED DIAMOND	2	3	65	102	249	316
INTERCHANGE, OTHER	4	5	247	351	861	1,112
INTERCHANGE, PARTIAL DIAMOND	15	15	588	882	1,872	2,475
INTERCHANGE, TRUMPET	1	1	65	89	230	296
NOT STATED OR NOT INTERSECTION	599	657	19,199	29,216	48,933	68,731
PUBLIC ROAD OR STREET	63	75	3,812	6,933	6,878	10,753
THIS IS AN INTERSECTION - MI	8	9	234	439	388	630
WITHIN REST AREA	0	0	0	0	0	0
WITHIN WEIGHT STATION	0	0	0	0	0	0
Totals	726	804	26,432	41,352	66,466	93,624



Missouri Department of Transportation Transportation Planning Fatal Accidents by Intersection Type

Date: 9/25/2002

726 Fatal Accidents

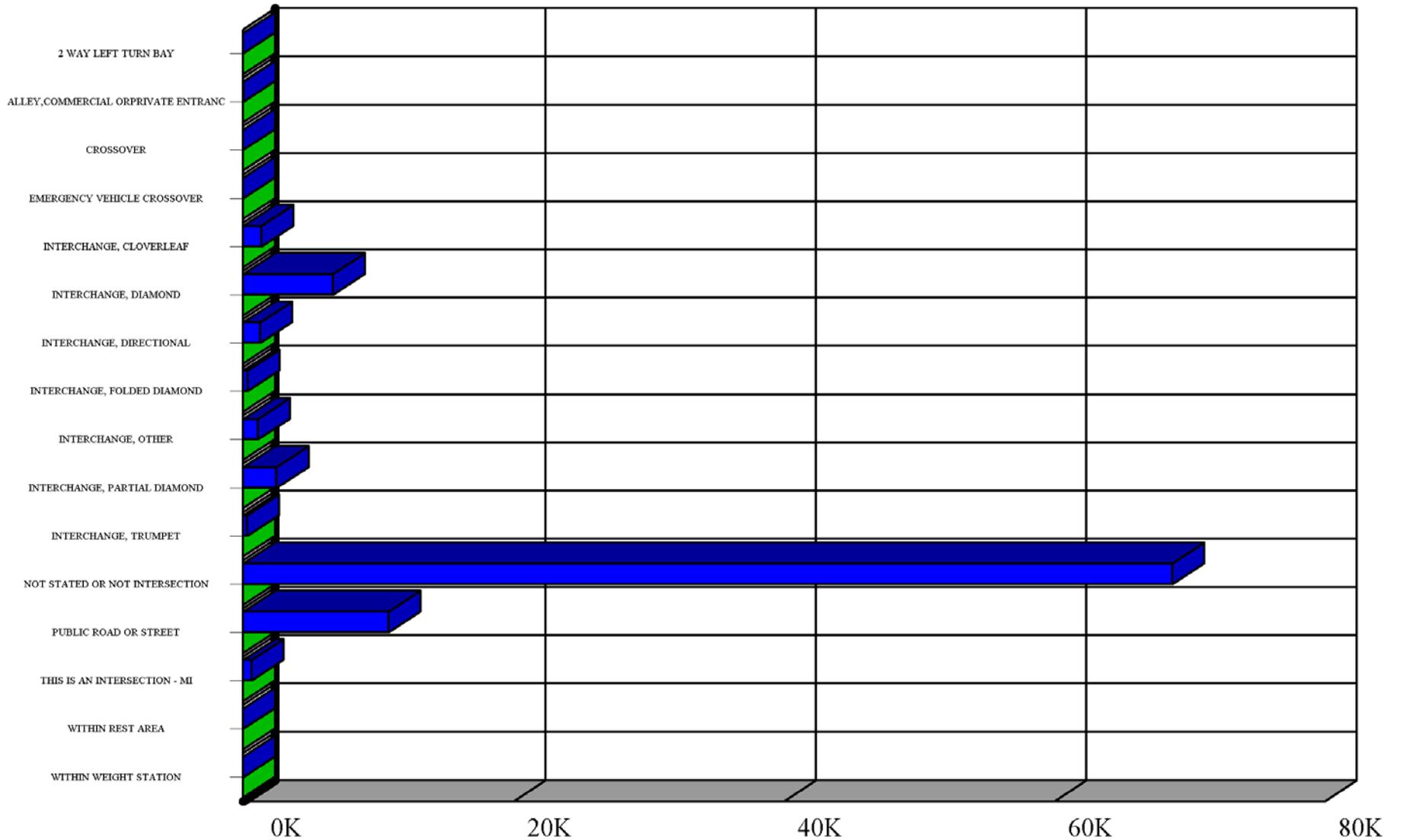




Missouri Department of Transportation Transportation Planning Total Accidents by Intersection Type

Date: 9/25/2002

93624 Total Accidents



Chapter 1-M : ACCIDENTS INVOLVING PEDESTRIANS

Pedestrian fatalities pedestrian injuries decreased 6% in 2001 compared to 2000.

80.4% of pedestrian fatalities and 44.7% of pedestrian injuries occurred during the hours of darkness in 2001.

The age span of 15-24 years accounted for 23.8% of the pedestrian injuries during 2001.

The age span of 15-24 years accounted for 17.4% of the pedestrian fatalities during 2001, while the age span of 35-44 years accounted for 28.3% of the pedestrian fatalities during 2001.



**Missouri Department of Transportation
Transportation Planning**

Date: 9/25/2002

2001 Accidents by Pedestrian Maneuver by Age

Pedestrian Maneuver	0-4 Fatal	0-4 Injury	5-9 Fatal	5-9 Injury	10-14 Fatal	10-14 Injury	15-24 Fatal	15-24 Injury	25-34 Fatal	25-34 Injury	35-44 Fatal	35-44 Injury	45-54 Fatal	45-54 Injury	55-64 Fatal	55-64 Injury	65-74 Fatal	65-74 Injury	75 & Up Fatal	75 & Up Injury	Not Stated Fatal	Not Stated Injury	Totals	
BEHIND PARKED CAR	0	2	0	1	0	9	0	10	0	3	0	6	0	2	0	2	0	0	0	0	0	0	1	36
CROSSWALK MARKED	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	9
GETTING ON/OFF VEHICLE	0	1	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	6
NOT STATED/UNKNWN/NO PEDS	0	1	0	1	0	1	0	3	0	3	0	5	0	1	0	3	0	2	0	0	0	0	1	21
OFF ROADWAY	0	0	0	0	0	2	0	7	1	2	0	1	0	2	0	1	0	2	0	0	0	0	0	18
OTHER IN ROAD	0	1	2	6	0	18	1	15	2	5	2	8	2	8	0	2	0	3	0	5	0	1	1	81
OTHER WORKING	0	0	0	0	0	0	0	4	0	5	0	3	1	3	0	1	0	0	0	0	0	0	0	17
PLAYING IN ROAD	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
PUSHING/WORKING ON VEHICLE	0	0	0	0	0	0	0	3	1	1	0	2	0	1	0	1	0	0	0	0	0	0	0	9
SIGNAL MOVEMENT	0	2	0	6	0	10	2	14	1	9	1	9	2	6	1	6	1	2	1	4	0	1	1	78
STANDING IN ROAD	0	1	0	1	0	0	4	4	3	13	6	9	1	3	1	1	0	0	0	2	0	1	1	50
WALKING AGAINST TRAFFIC	0	1	0	1	0	0	0	0	1	2	2	3	0	3	0	1	0	0	4	1	0	1	1	20
WALKING WITH TRAFFIC	0	1	0	0	0	1	1	5	0	4	2	2	0	0	0	0	0	1	0	0	0	0	1	18
WITHIN CROSSWALK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WITHIN MARKED CROSSWALK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	0	10	2	17	0	43	8	74	9	47	13	49	6	29	2	18	1	11	5	13	0	8	365	

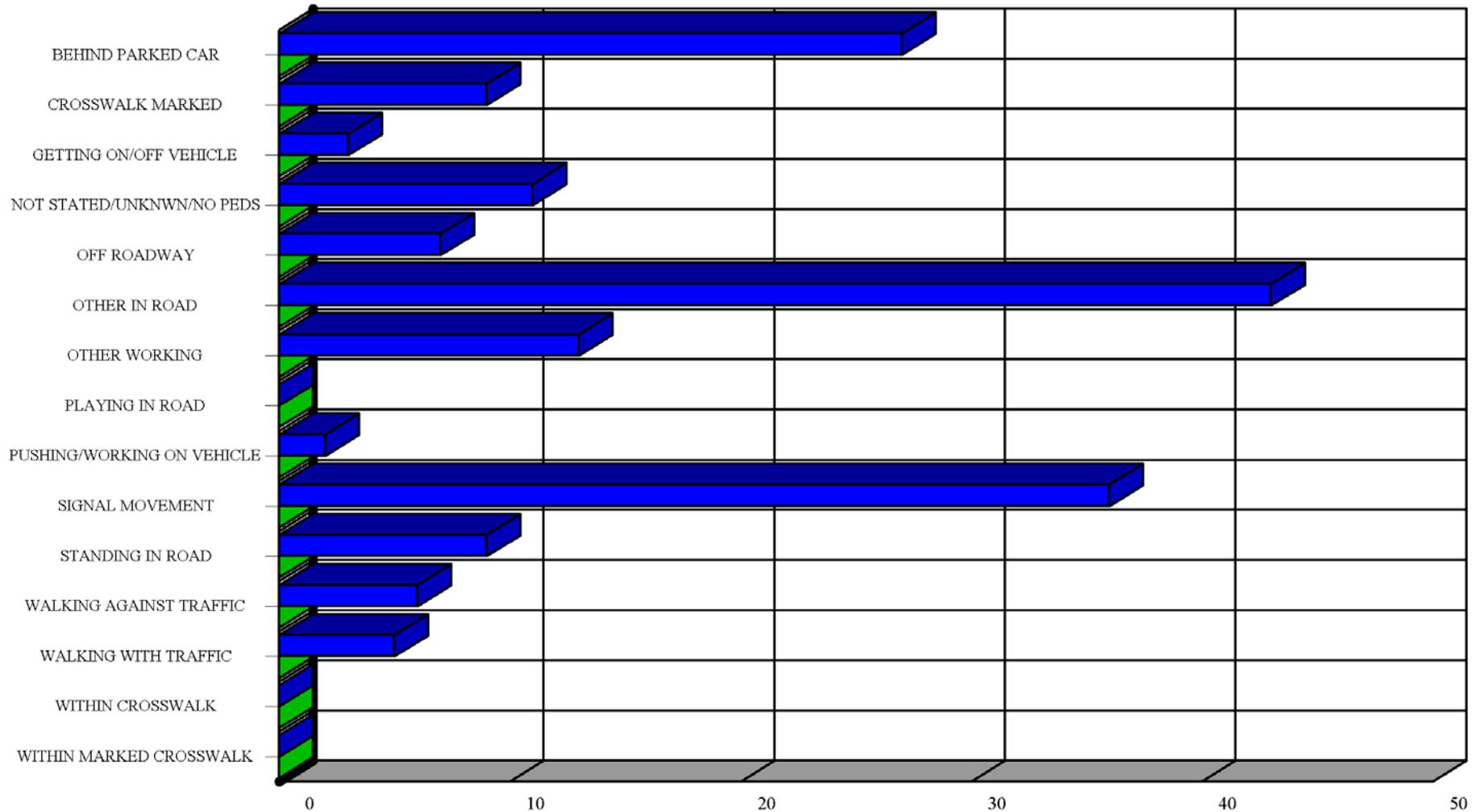


Missouri Department of Transportation
Transportation Planning

Date: 9/25/2002

Accidents by Pedestrian Maneuver by Light Condition
171 Injuries in Day Condition

BEH PARK CAR	CROSSWALK MARK	GET ON/OFF VEH	NOT STAT/UNK/NO PEDS	OFF ROAD	OTH IN ROAD	OTH WORK	PUSH/WORK ON VEH	SIG MVMNT	STAND IN ROAD	WALK AGNST TRAF	WALK WITH TRAF
27	9	3	11	7	43	13	2	36	9	6	5



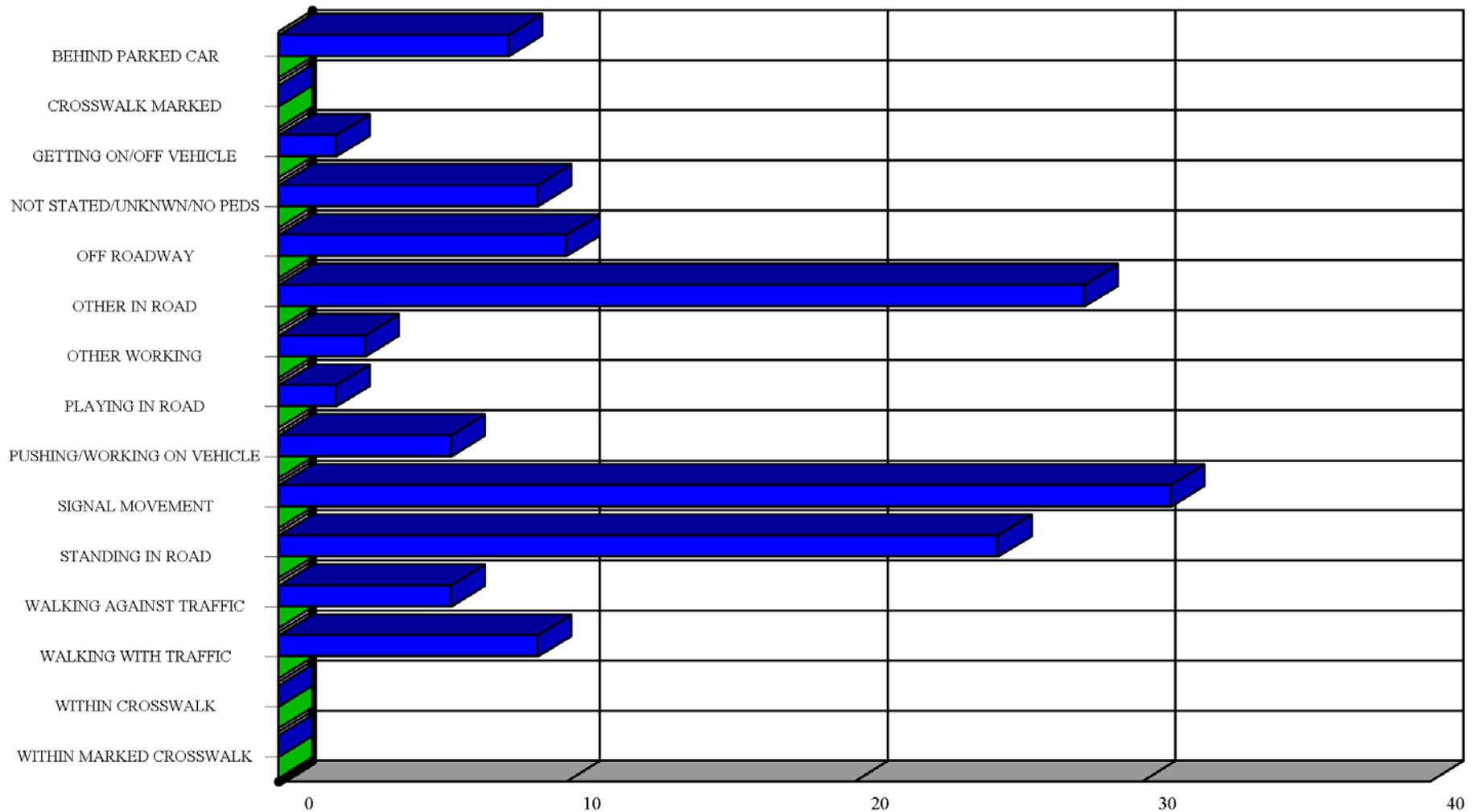


Missouri Department of Transportation
Transportation Planning

Date: 9/25/2002

Accidents by Pedestrian Maneuver by Light Condition
139 Injuries in Dark Condition

BEH PARK CAR	CROSSWALK MARK	GET ON/OFF VEH	NOT STAT/UNK/NO PEDS	OFF ROAD	OTH IN ROAD	OTH WORK	PUSH/WORK ON VEH	SIG MVMNT	STAND IN ROAD	WALK AGNST TRAF	WALK WITH TRAF
8	0	2	9	10	28	3	6	31	25	6	9

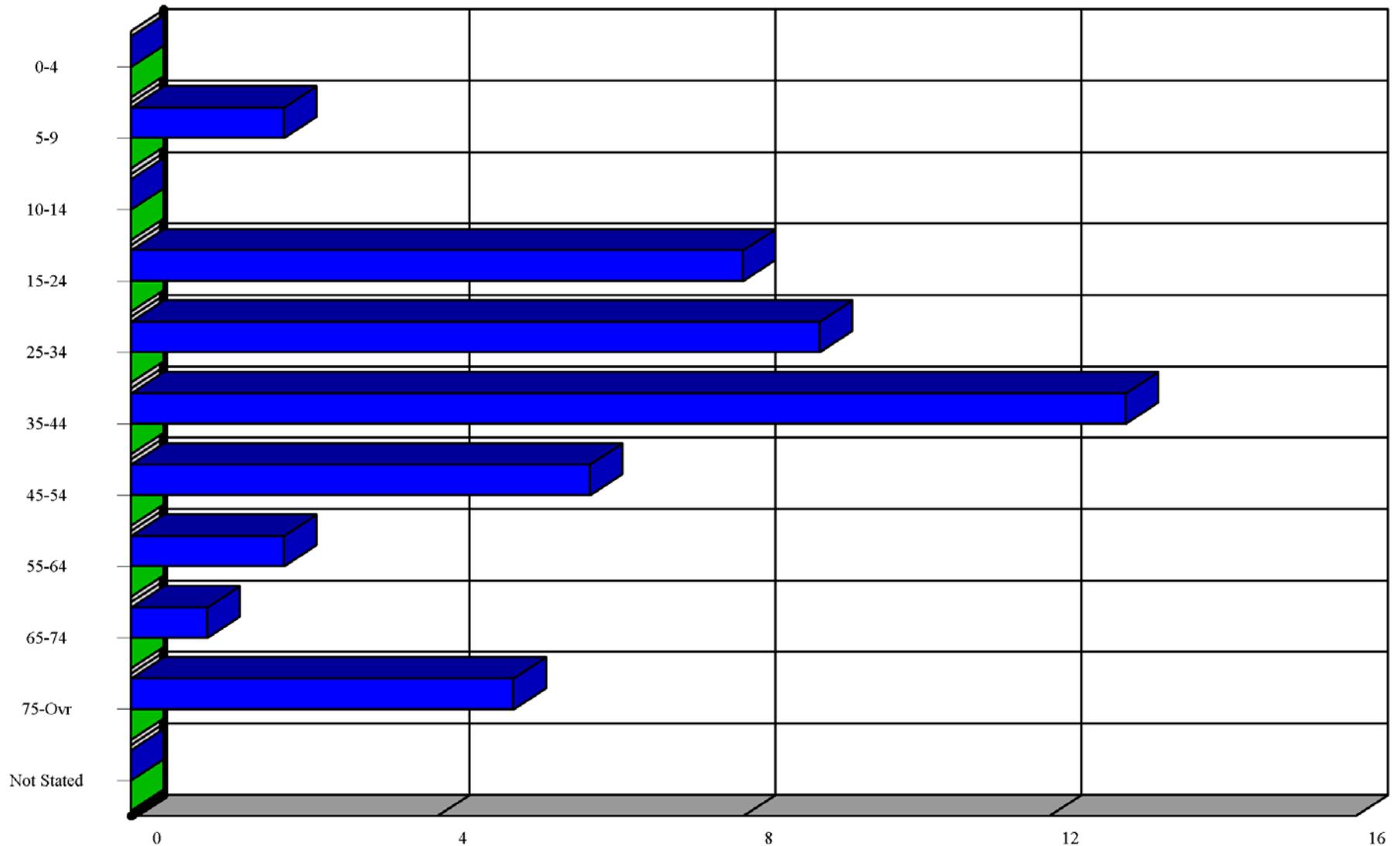




Missouri Department of Transportation
Transportation Planning

Date: 9/25/2002

Fatal Pedestrian Accidents by Age
46 Pedestrian Fatalities



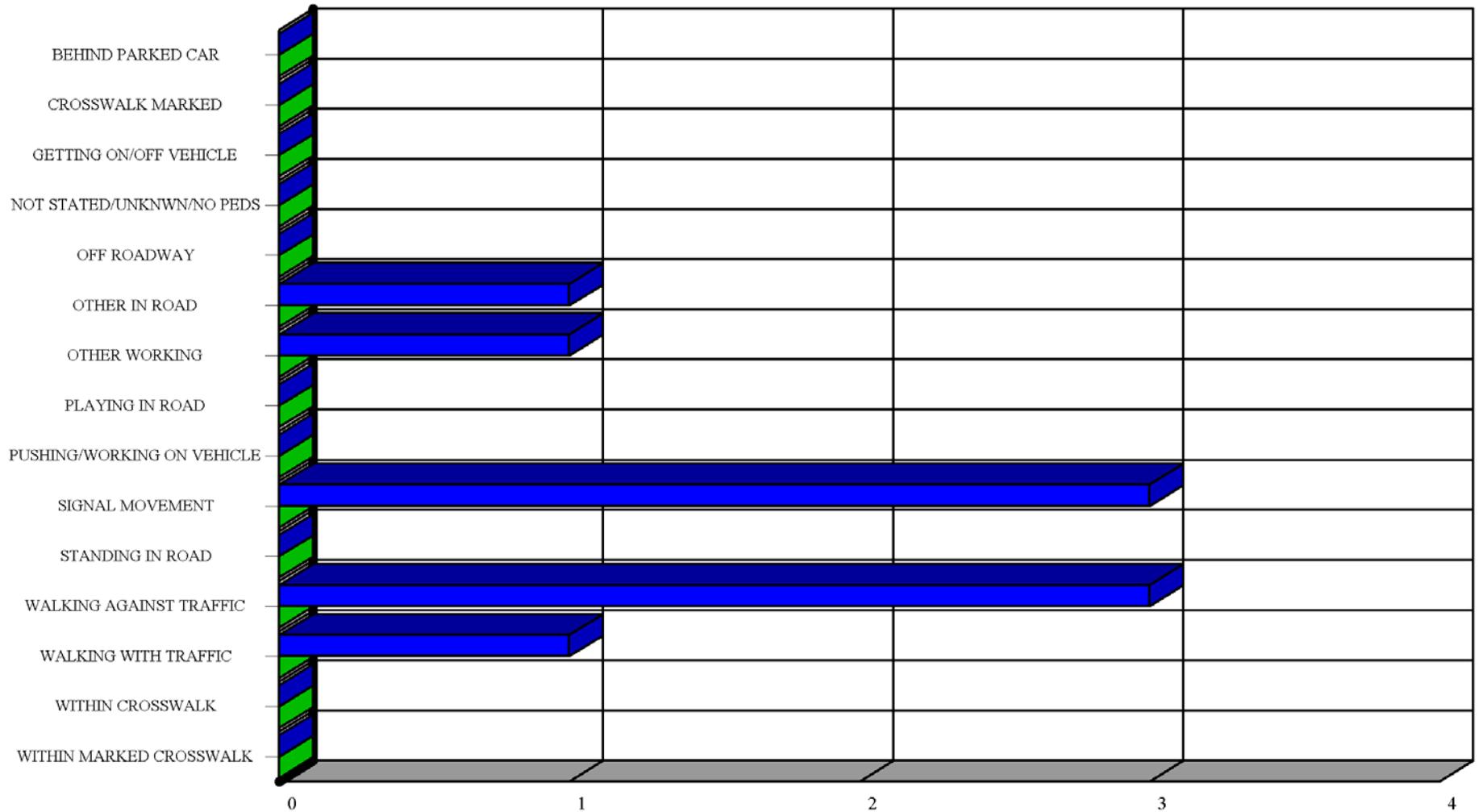


Missouri Department of Transportation
Transportation Planning

Date: 9/25/2002

Accidents by Pedestrian Maneuver by Light Condition
9 Fatalities in Day Condition

BEH PARK CAR	CROSSWALK MARK	GET ON/OFF VEH	NOT STAT/UNK/NO PEDS	OFF ROAD	OTH IN ROAD	OTH WORK	PUSH/WORK ON VEH	SIG MVMNT	STAND IN ROAD	WALK AGNST TRAF	WALK WITH TRAF
0	0	0	0	0	1	1	0	3	0	3	1



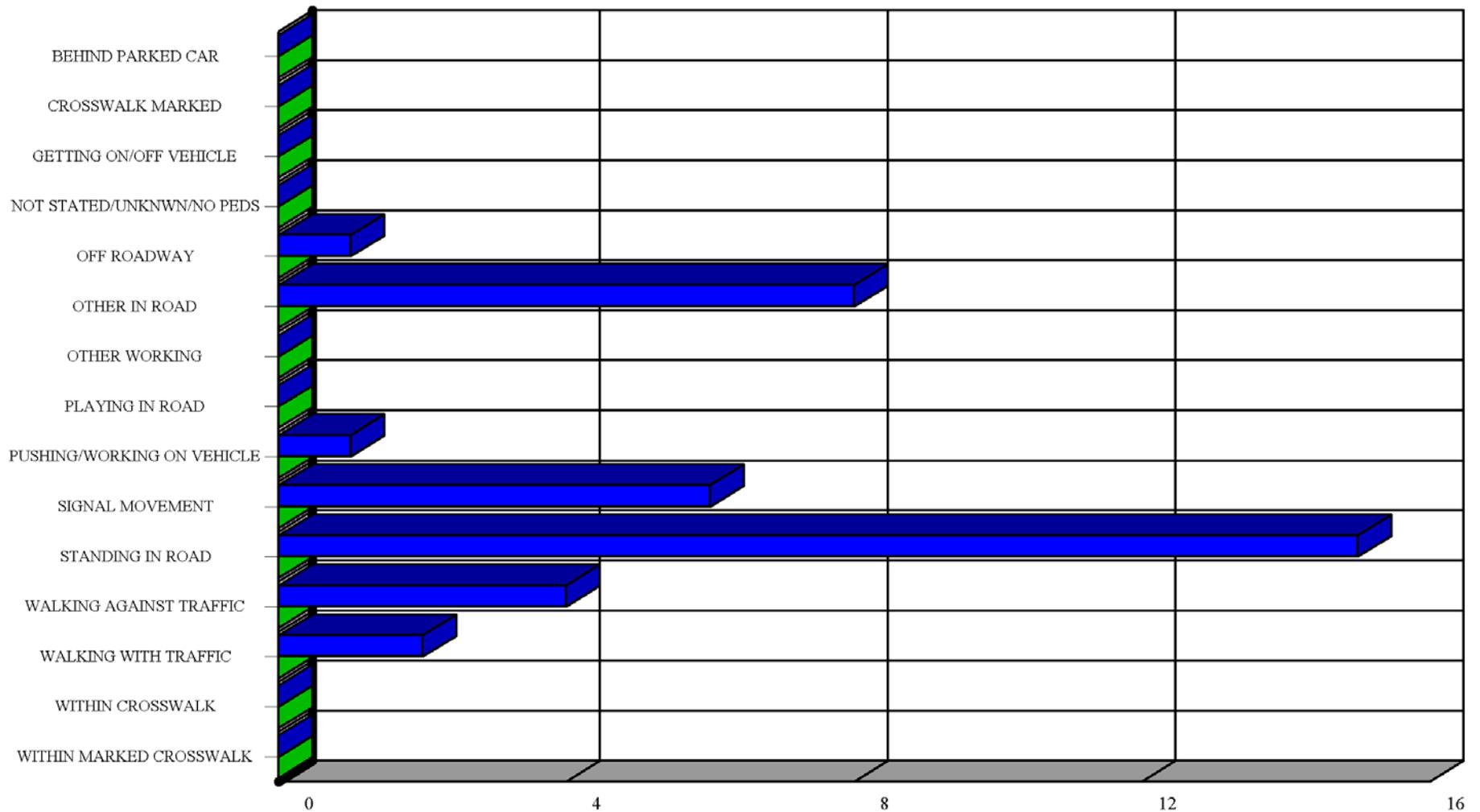


Missouri Department of Transportation
Transportation Planning

Date: 9/25/2002

Accidents by Pedestrian Maneuver by Light Condition
37 Fatalities in Dark Condition

BEH PARK CAR	CROSSWALK MARK	GET ON/OFF VEH	NOT STAT/UNK/NO PEDS	OFF ROAD	OTH IN ROAD	OTH WORK	PUSH/WORK ON VEH	SIG MVMNT	STAND IN ROAD	WALK AGNST TRAF	WALK WITH TRAF
0	0	0	0	1	8	0	1	6	15	4	2





**Missouri Department of Transportation
Transportation Planning**

Date: 9/25/2002

2001 Accidents by Pedestrian Maneuver by Light Condition

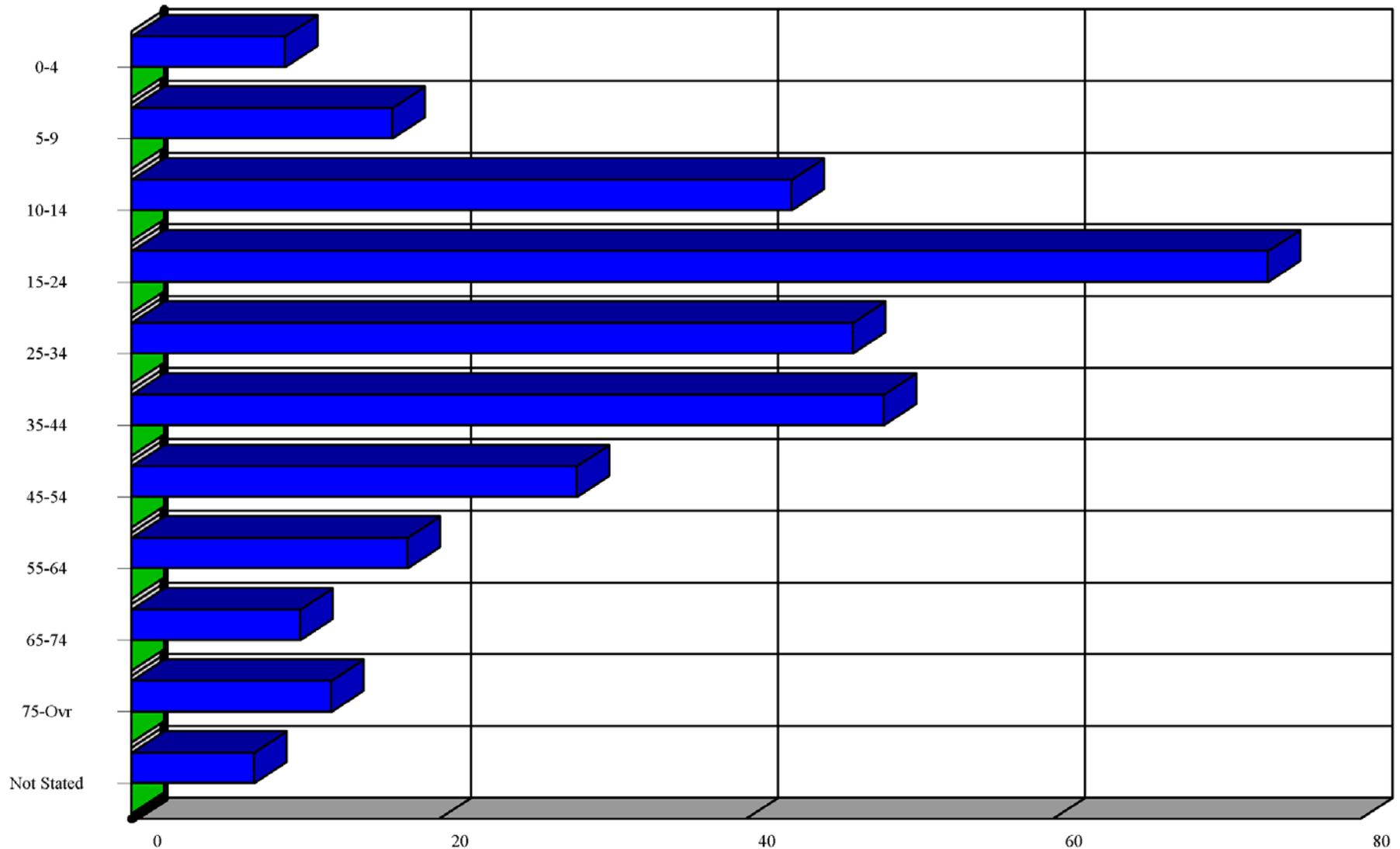
PEDESTRIAN MANEUVER	DARK		LIGHT		UNKNOWN	
	Total Fatalities	Total Injuries	Total Fatalities	Total Injuries	Total Fatalities	Total Injuries
BEHIND PARKED CAR	0	8	0	27	0	0
CROSSWALK MARKED	0	0	0	9	0	0
GETTING ON/OFF VEHICLE	0	2	0	3	0	0
NOT STATED/UNKNWN/NO PEDS	0	9	0	11	0	0
OFF ROADWAY	1	10	0	7	0	0
OTHER IN ROAD	8	28	1	43	0	0
OTHER WORKING	0	3	1	13	0	0
PLAYING IN ROAD	0	2	0	0	0	0
PUSHING/WORKING ON VEHICLE	1	6	0	2	0	0
SIGNAL MOVEMENT	6	31	3	36	0	1
STANDING IN ROAD	15	25	0	9	0	0
WALKING AGAINST TRAFFIC	4	6	3	6	0	0
WALKING WITH TRAFFIC	2	9	1	5	0	0
WITHIN CROSSWALK	0	0	0	0	0	0
WITHIN MARKED CROSSWALK	0	0	0	0	0	0
TOTALS	37	139	9	171	0	1



Missouri Department of Transportation
Transportation Planning

Date: 9/25/2002

Injury Pedestrian Accidents by Age
319 Pedestrian Injuries



Chapter 1-N : ACCIDENTS BY INVESTIGATOR

Of the 93,624 accidents occurring on the State Highway System of Missouri in 2001, 34.2% were investigated by the State Highway Patrol and 65.8% were investigated by local agencies.

Of the 726 fatal accidents that occurred in 2001, 78.2% were investigated by the State Highway Patrol and 21.8% were investigated by local agencies.



**Missouri Department of Transportation
Transportation Planning
2001 Accidents by Investigator**

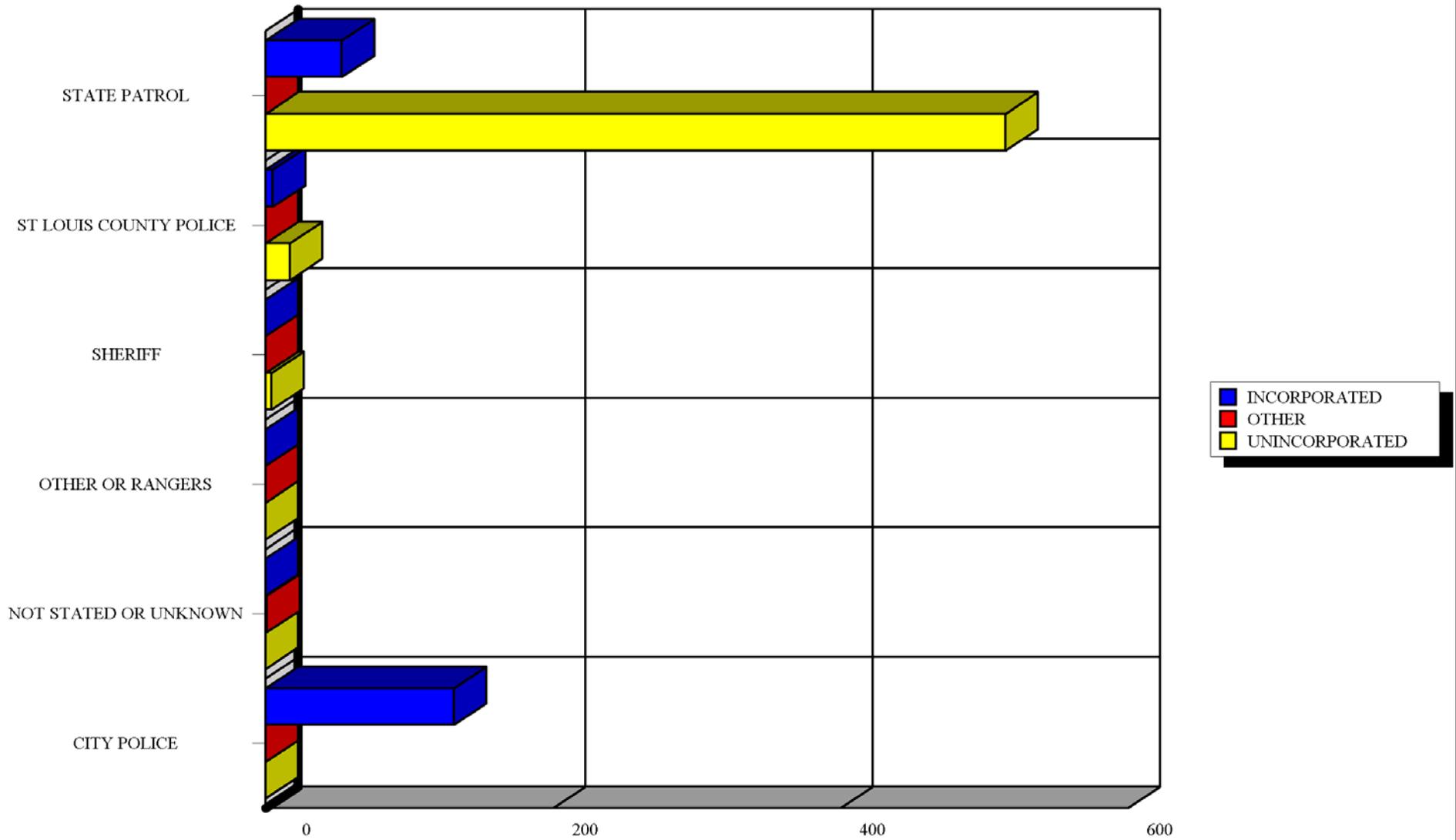
Date: 9/25/2002

INVESTIGATOR	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
UNINCORPORATED						
UNINCORPORATED STATE PATROL	515	583	10,104	16,213	17,987	28,606
UNINCORPORATED SHERIFF	4	3	448	629	1,533	1,985
UNINCORPORATED ST LOUIS COUNTY POLICE	17	17	1,032	1,607	3,060	4,109
INCORPORATED						
INCORPORATED CITY POLICE	131	137	13,664	20,992	40,341	54,136
INCORPORATED STATE PATROL	53	59	872	1,423	2,532	3,457
INCORPORATED SHERIFF	0	0	46	63	157	203
INCORPORATED ST LOUIS COUNTY POLICE	5	4	182	303	533	720
RANGER						
OTHER OR RANGERS	0	0	21	27	118	139
NOT STATED						
NOT STATED OR UNKNOWN	1	1	63	95	205	269
Totals	726	804	26,432	41,352	66,466	93,624



Missouri Department of Transportation
Transportation Planning
2001 Fatal Accidents by Investigator
726 Fatal Accidents

Date: 9/25/2002





Missouri Department of Transportation Transportation Planning

Date: 9/25/2002

2001 Accidents by Investigator 93,624 Total Accidents

