

INTRODUCTION

The purpose of this publication is to provide the Nevada Department of Transportation (NDOT), the Nevada Department of Motor Vehicles and Public Safety (DMV/PS), and other State and local authorities with information on Nevada's traffic crash problems. It is one in a series to be provided annually. The data has been extracted from NDOT's Crash Analysis System (CAS). The fatal crash data represented within may not be consistent with data produced from the Fatal Analysis Reporting System (FARS). The two systems were developed independently and are used for different purposes.

Each year changes and improvements are incorporated into this document. The 1999 Nevada Traffic Crashes was solely produced from NDOT's Crash Analysis System. Due to change in the National Maximum Speed Limit in December of 1995 and the safety issues surrounding it, we have included statistics depicting speed related crashes, percentages and rates.

This document was prepared by personnel of the Safety Engineering Division of NDOT; however, the publication and the statistics therein would not be possible if it were not for the dedicated men and women of Nevada's State and local law enforcement agencies who respond to the scene of the 59,000 plus traffic crashes annually on Nevada's streets and highways. After they treat the injured and secure the scene, they methodically and professionally record the facts on a traffic crash report form.

The culmination of their efforts then become the facts and statistics you see reflected in this publication. We appreciate and respect their work. In addition to recording the facts, they provide information necessary for problem identification. Problem identification drives the planning of specific enforcement, engineering and education efforts, which can be applied to decrease the number and severity of crashes on our streets and highways. Subsequently, lives can be saved, injuries prevented, and property damage and economic loss can be significantly reduced.



STATE OF NEVADA
OFFICE OF THE GOVERNOR

KENNY C. GUINN
Governor

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Dear Reader:

It is my pleasure to present this document, which has been developed by the Nevada Department of Transportation (NDOT) with the support of law enforcement officials statewide. The information contained within provides valuable insight into the safety conditions of the state's roadways. With this material, the state can enhance and improve the various educational enforcement, and engineering programs to make our roads safer for the millions of people who use them each year.

For instance, the Nevada Department of Motor Vehicles and Public Safety (DMV&PS) will be able to improve its operations including the testing and licensing of drivers, the enforcement of traffic laws and motor carrier safety regulations, and the training of law enforcement personnel.

The Nevada Office of Traffic Safety (OTS) within DMV&PS utilizes this document to develop programs through federal grants targeting such things as speeding and drunk driving. Not only does the crash data highlight the need for these programs, it also helps evaluate their effectiveness.

The NDOT uses the data to improve roadway design and eliminate crash problems. Crash location information helps identify areas that may require modification and provide information for the design of future state highways.

In addition, local public and private agencies and organizations use the document to monitor the success of their efforts.

I hope you find this material as valuable as I do. It is an excellent example of the coordination necessary between state and local government working together to make Nevada's roads safer.

Sincerely,

A handwritten signature in blue ink that reads "Kenny C. Guinn".

Kenny C. Guinn
Governor

EXECUTIVE SUMMARY

Although Nevada's crash rates per 100 million vehicle miles has been reduced in the past 10 years, unfortunately Nevada still ranks among the top ten states in the nation with the highest crash rates. Nevada is the seventh largest state in size and 35th in population. More than 1.8 million people reside in our state with 90.2% located in urban areas and 9.8% living in rural communities. The growing population in Nevada and heavy tourism traffic are reflected in the trends and statistics presented herein.

The 1999 calendar year ended with approx. 1,400,000 licensed drivers in the state of Nevada an increase of 6.1% over 1998. During that same time frame, there was a total of 59,075 traffic crashes, of which 39,904 were property damage only, 18,862 were injury producing, and 309 were fatal traffic crashes. This reflects a 1.0 % decrease in overall crashes from the total 59,726 recorded in 1998. However, fatal crashes decreased only 1.9%, but injury crashes gained 2.0 % (18,862 crashes). The number of fatal crashes decreased, as well as the number of deaths by nine, from 361 in 1998 to 352 in 1999. Alcohol related fatal crashes also decreased in 1999 with 37.2 % of the fatalities attributed to alcohol involvement.

Nevada's crash rate per 100 million vehicle miles for fatal, injury, and total crashes continues to decrease. In 1985 the fatal crash rate was 2.94, and in 1999 only 1.78. Nevada's injury crashes followed a similar pattern with a 1985 rate of 148.87 and a 1999 rate of 108.69, a drop of 27%.

In November 1995 the federally mandated National Maximum Speed Limit was repealed. Replacement of posted speed limit signs began in December of 1995 The effects of the speed limit change are still being analyzed.

The four counties with the most crashes in 1999 were Clark with 74.6% of the total, Washoe with 15.1%, Elko with 2.0%, and Carson City with 1.9%. The county with the least crashes was Esmeralda, with only 72 crashes for the entire year. Clark County led the state in fatal, injury, and property damage crashes with 56%, 73%, and 73% respectively. Washoe County experienced the next highest numbers with 12%, 13%, and 16% respectively. Clark county fatalities declined from the previous year from 203 to 174 traffic deaths. Washoe County's fatalities rose from the previous year from 38 to 41 traffic deaths.

The three major types of fatal crashes are, pedestrian, ran off roadway-overturned, and angle collision. For injury crashes: rear-end collision, angle collision, and left turn collision.

The major factors contributing to the incidence of crash risk are for fatal crashes: Pedestrian in Roadway, D.U.I. alcohol, and inattentive driving and failure to yield. For injury crashes: Failure to yield failure to reduce speed and inattentive driving. For property damage only crashes: failure to yield, failure to reduce speed, and inattentive driving.

From 1997 through 1999, the Nevada Day was the deadliest holiday period with a total of 19 fatalities. New Years and Thanksgiving Days followed with a recorded 16 fatalities. Memorial Day was the third deadliest with 15 persons killed.

In 1997, there were 60 pedestrian deaths and 1,015 pedestrians injured. Then in 1998, a total of 47 pedestrian lives were claimed with 1,012 injured. In 1999, Nevada experienced another increase to 71 pedestrian fatalities and 1,086 injuries. Pedestrian fatalities in Washoe County increased from 9 in 1998 to 10 in 1999. By comparison, Clark County's pedestrian fatalities experienced an increase from 31 in 1998 to 48 in 1999. There were 8 bicycle fatalities in 1999, 7 occurred in Clark County and 1 occurring in Washoe County.

The economic loss associated with highway deaths and injuries in Nevada is staggering. The total estimated economic loss (based on national figures) resulting from traffic crashes in Nevada for 1999 is \$1,228,285,200.

ACKNOWLEDGEMENTS

The Crash Analysis Unit of the Nevada Department of Transportation would not be able to produce this report without the fine work of the following individuals who were responsible for the coding and analysis of all our crash data for this publication. We wish to express our heartfelt thanks to each of you and keep up the good work!

Data Input Staff

Dave Clark
Larry Kelly
Jeri Casey
Dianna Marshall
Paige Clyde

Crash Analysis Staff

Theresa Pacheco

Special Gratitude to our other providers of data and information including:

The Nevada Department of Transportation – Planning Division
The Nevada Department of Transportation – Multimedia Division
The Nevada Department of Transportation – Imagery Division

In addition, we wish to acknowledge the men and women working in law enforcement and public safety agencies that are responsible for the production of all crash data in the field. We rely on their accurate completion of crash reports and without their attention to detail we would be unable to maintain a meaningful database.

1999 NEVADA HIGHWAY CRASH QUICK FACTS

	1997	1998	1999
TRAFFIC CRASHES			
FATAL CRASHES	322	315	309
INJURY CRASHES	17,228	18,487	18,862
PROPERTY DAMAGE CRASHES	41,420	40,924	39,904
TOTAL CRASHES	58,970	59,726	59,075
ALCOHOL CRASHES			
FATAL ALCOHOL CRASHES	116	126	114
INJURY ALCOHOL CRASHES	1,681	1,711	1,826
PERCENT OF TOTAL FATAL CRASHES ALCOHOL INVOLVED	36.0%	40.0%	36.9%
PERCENT OF TOTAL INJURY CRASHES ALCOHOL INVOLVED	9.76%	9.26%	9.7%
TRAFFIC CASUALTIES			
TOTAL FATALITIES	347	361	352
TOTAL INJURIES	27,075	28,400	29,020
TOTAL ALCOHOL FATALITIES	124	146	131
TOTAL ALCOHOL INJURIES	2,747	2,696	2,906
PERCENT OF TOTAL FATALITIES ALCOHOL INVOLVED	35.7%	40.4%	37.2%
PERCENT OF TOTAL INJURIES ALCOHOL INVOLVED	10.1%	9.5%	10.0%
OCCUPANTS			
DRIVERS KILLED	191	189	160
PASSENGERS KILLED	88	120	113
NON-OCCUPANTS			
PEDESTRIANS KILLED	60	47	71
PEDESTRIANS INJURED	1,015	1,018	1,086
BICYCLISTS KILLED	8	5	8
BICYCLISTS INJURED	794	754	788
DEMOGRAPHICS			
POPULATION	1,779,850	1,855,790	1,967,650
VEHICLE MILES TRAVELED (IN MILLIONS)	16,000	16,400	17,400
NEVADA'S FATAL CRASH RATE PER 100 MILLION VMT	1.97	1.92	1.78
NATIONAL FATAL CRASHES RATE PER 100 MILLION VMT	1.47	1.41	***1.38

*** Early Assessment of 1999 Crash Data

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CRASHES

This section presents a series of data displays which identify total crashes by severity, contributing factors by severity, percentage of crashes by crash type, fatalities by county, crashes involving fixed objects, construction zone crashes by type, and gender and age data of drivers involved.

1999 SUMMARY ANALYSIS

- ◆ There were a total of 59,075 traffic crashes in 1999; 39,904 (67.5%) of the crashes resulted in property damage only, 18,862 (32%) of the crashes resulted in injuries, 309 (.5%) of the crashes resulted in one or more fatalities.
- ◆ There were a total of 29,020 people injured and 352 killed on Nevada public roadways in 1999.
- ◆ The top three crash types by severity were:

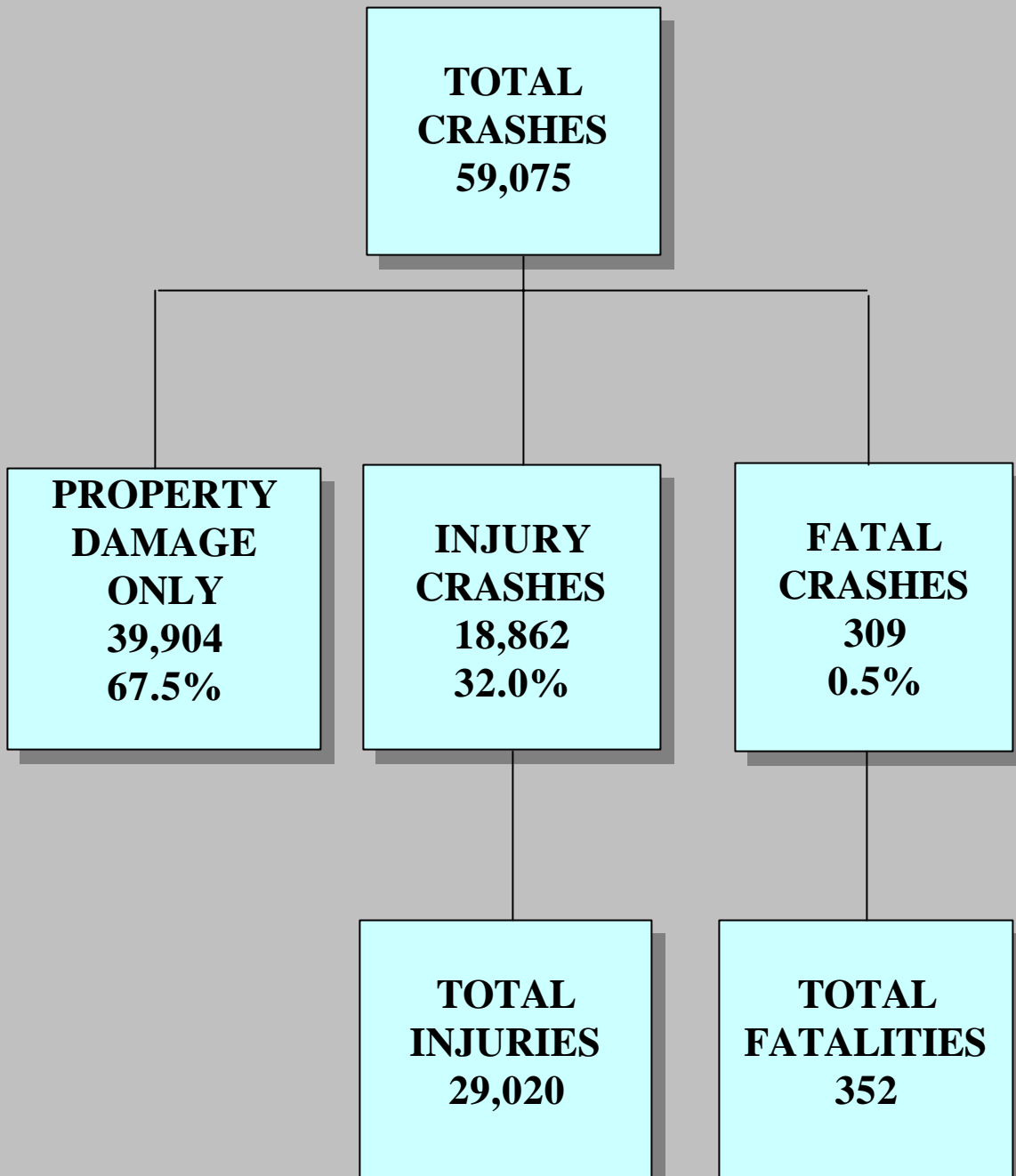
Fatal Crashes	Injury Crashes	Prop. Damage Only Crashes
1. Pedestrian	1. Rear End Collision	1. Rear End Collision
2. Ran off roadway & Overturned	2. Angle Collision	2. Sideswipe-Same Direction
3. Angle Collision	3. Left Turn Collision	3. Angle Collision

- ◆ The top three contributing factors by severity were:

Fatal Crashes	Injury Crashes	Prop. Damage Only Crashes
1. Pedestrian in Roadway	1. Failure to Yield	1. Failure to Yield
2. Inattentive Driving & D.U.I.-Alcohol	2. Failure to Reduce Speed	2. Failure to Reduce Speed
3. Failure to Yield	3. Inattentive Driving	3. Inattentive Driving

- ◆ The only county in Nevada with no reported fatal crashes in 1999 was Storey County.
- ◆ The most frequently struck fixed objects along Nevada's highways were concrete barrier rails.
- ◆ The most common type of vehicle involved in crashes was the standard passenger car. Pick-up trucks and Small passenger cars ranked number 2 and 3 respectively. Trucks with one trailer ranked number 4.
- ◆ There were 2,291 construction zone crashes that resulted in 20 killed and 1,009 injured.
- ◆ Male and Female drivers between the ages of 25 and 34 show the highest crash totals.

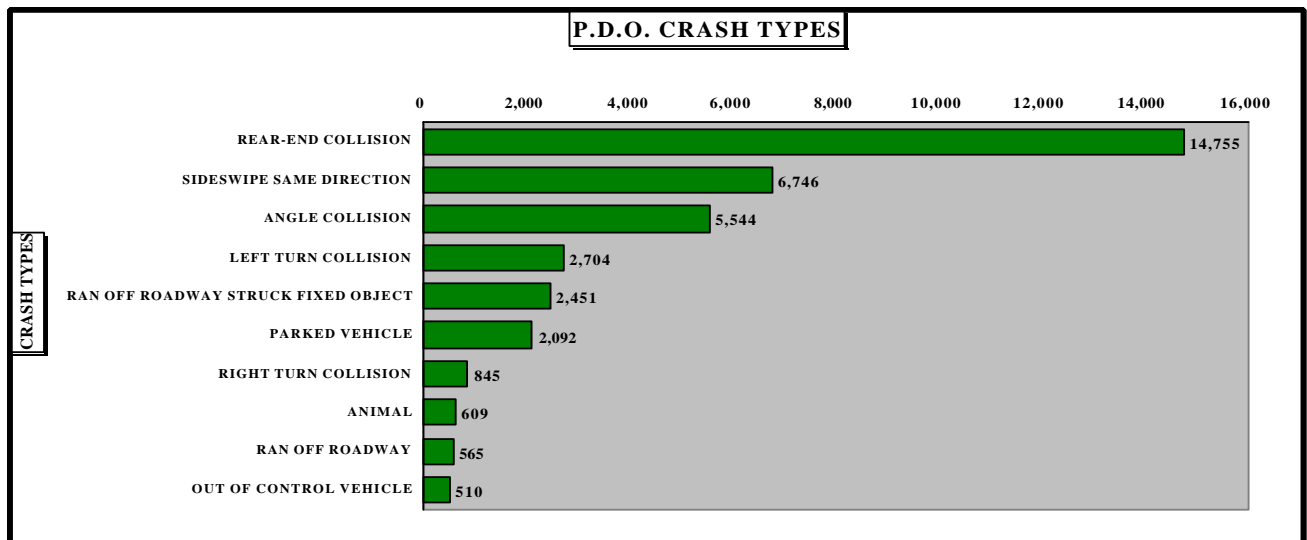
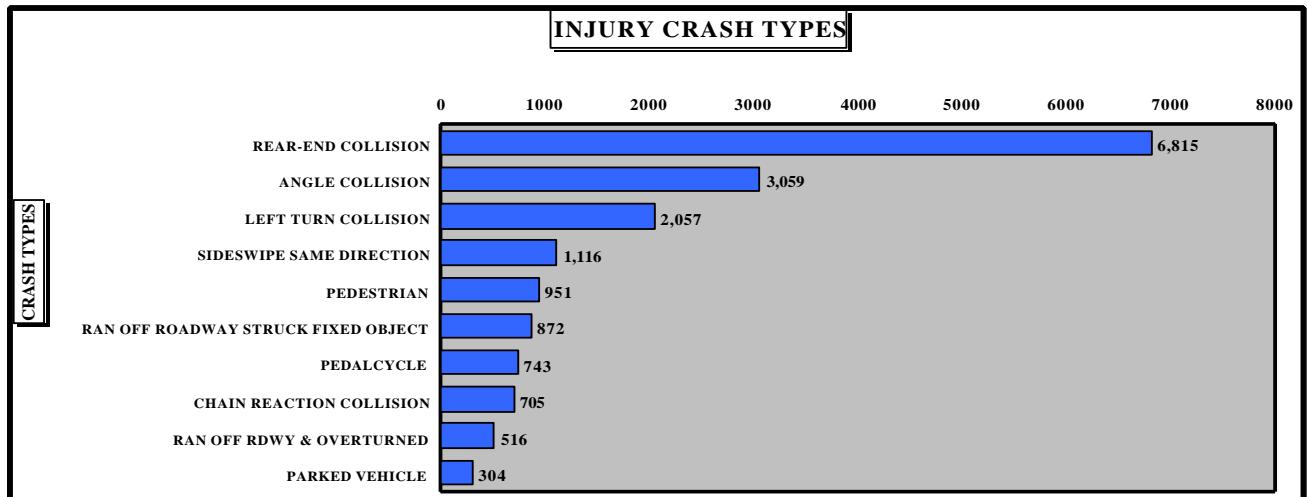
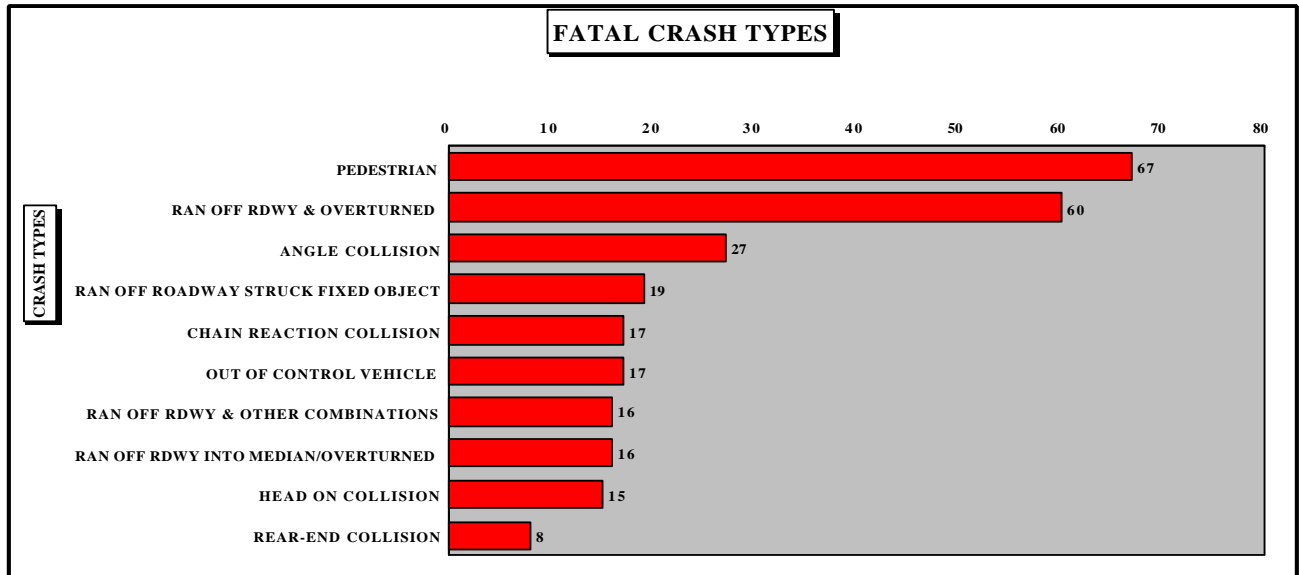
1999 TOTAL CRASHES BY SEVERITY



**CRASH TYPES BY SEVERITY
STATEWIDE**

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR-END COLLISION	14,755	6,815	8	21,578	10,564	9
ANGLE COLLISION	5,544	3,059	27	8,630	5,059	31
SIDESWIPE SAME DIRECTION	6,746	1,116	4	7,866	1,571	4
LEFT TURN COLLISION	2,704	2,057	8	4,769	3,495	9
RAN OFF ROADWAY STRUCK FIXED OBJECT	2,451	872	19	3,342	1,102	20
PARKED VEHICLE	2,092	304	3	2,399	368	3
CHAIN REACTION COLLISION	359	705	17	1,081	1,588	18
RIGHT TURN COLLISION	845	212	0	1,057	316	0
PEDESTRIAN	0	951	67	1,018	1,039	69
RAN OFF RDWY & OVERTURNED	436	516	60	1,012	811	66
OUT OF CONTROL VEHICLE	510	275	17	802	525	32
PEDALCYCLE	0	743	8	751	768	8
RAN OFF ROADWAY ANIMAL	565	109	0	674	129	0
609	43	0	652	50	0	
RAN OFF RDWY AND STRUCK MEDIAN FIXED OBJ.	408	158	4	570	215	4
RAN OFF RDWY & OTHER COMBINATIONS	195	255	16	466	358	17
OBJECT THROWN FROM OTHER VEHICLE	380	15	1	396	17	1
OBJECT IN ROADWAY	274	33	0	307	42	0
OVERTURNED IN ROADWAY	112	186	4	302	236	4
SIDESWIPE OPPOSITE DIRECTION	186	73	5	264	137	5
RAN OFF RDWY INTO MEDIAN/OVERTURNED	56	130	16	202	229	17
HEAD ON COLLISION	52	71	15	138	175	24
RAN OFF RDWY & STRUCK EMBANKMENT	91	36	4	131	48	4
OTHER NON MOTOR VEHICLE	96	11	0	107	12	0
RAN OFF RDWY INTO MEDIAN	86	15	0	101	20	0
OVERTURN DOWN CLIFF	30	50	3	83	82	3
OTHER NON COLLISION	68	6	1	75	7	1
RAN OFF RDWY & STRUCK CULVERT	56	18	0	74	22	0
TRAILING UNIT DISCONNECTED FROM VEH.	57	2	0	59	2	0
COLLISION WITH PROTRUDING PART OF VEH.	32	5	0	37	5	0
UNKNOWN - NON COLLISION	28	3	0	31	5	0
JACKKNIFE IN ROADWAY	29	1	0	30	1	0
OTHER TYPE COLLISION	24	4	0	28	6	0
HIT PARKED VEHICLE OFF ROADWAY	15	7	1	23	10	2
STRUCK RR XING GATE ACROSS ROAD	5	0	0	5	0	0
UNKNOWN- COLLISION	4	1	0	5	1	0
RAN OFF RDWY INTO RIVER	1	1	1	3	1	1
TRAIN	0	3	0	3	3	0
RAN OFF RDWY AT RAILROAD CROSSING UNKNOWN - NON MOTOR VEHICLE	1	0	0	1	0	0
2	1	0	3	1	0	
TOTAL	39,904	18,862	309	59,075	29,020	352

TOP TEN CRASH TYPES BY SEVERITY



**CONTRIBUTING FACTORS BY SEVERITY
STATEWIDE**

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
FAILURE TO YIELD.	8504	5949	43	14496	9886	48
FAILURE TO REDUCE SPEED	8090	4184	4	12278	6629	5
INATTENTIVE DRIVING	5141	1794	49	6984	2535	60
IMPROPER LANE CHANGE	3575	677	0	4252	967	0
FOLLOWING TOO CLOSE	2331	987	0	3318	1466	0
SPEED TOO FAST FOR CONDITIONS	1962	766	18	2746	1113	22
IMPROPER TURN	2226	464	1	2691	676	1
D.U.I. ALCOHOL	1158	1033	49	2240	1691	51
IMPROPER BACKING	1317	89	0	1406	106	0
NON-CONTACT VEHICLE	572	258	1	831	359	1
IMPROPER PASSING	708	115	5	828	165	5
EXCESSIVE SPEED	321	255	33	609	447	39
PEDESTRIAN IN ROADWAY	16	513	57	586	545	58
FATIGUED DRIVER	267	254	11	532	380	13
DRIVING IN OTHER THAN PROPER MANNER	318	187	1	506	267	1
IMPROPER ACTION ON PEDALCYCLE	4	465	4	473	483	4
OBJECTS IN ROADWAY	291	59	0	350	80	0
IMPROPER START POSITION	280	49	0	329	70	0
UNSAFE LOAD	311	13	0	324	19	0
ANIMAL IN ROADWAY (DEER)	286	15	0	301	19	0
DRIVER DISTRACTED	181	97	0	278	158	0
DEFECTIVE TIRES	162	93	3	258	163	5
ANIMAL IN ROADWAY (COW)	197	14	0	211	18	0
UNOCCUPIED MOVING VEHICLE	173	8	0	181	9	0
OTHER	146	25	3	174	32	3
ON WRONG SIDE OF RDWY	108	52	10	170	108	18
DEFECTIVE VEHICLE	122	30	0	152	45	0
PHYSICAL DRIVER DEFECT	76	69	0	145	88	0
DEFECTIVE BRAKES	77	47	0	124	71	0
HIT & RUN	117	6	0	123	6	0
D.U.I. OF DRUGS	56	48	12	116	85	12
IMPROPER USE OF TURN LANE	75	18	0	93	28	0
DEFECTIVE TRAILING UNIT	73	12	0	85	17	0
ANIMAL IN ROADWAY (DOGS)	70	9	0	79	11	0
LOOSE MATERIAL ON SURFACE	53	17	0	70	19	0
ANIMAL IN ROADWAY	50	15	0	65	19	0
WEATHER - SNOW, RAIN, ICY, ETC.	41	19	1	61	29	1
IN PURSUIT/FLEEING	49	7	0	56	8	0
ANIMAL IN ROADWAY (HORSE)	46	9	0	55	11	0
DEFECTIVE ROADWAY.	28	15	0	43	18	0
UNKNOWN	36	7	1	44	9	1
OPENING DOOR INTO TRAFFIC	34	6	0	40	6	0
FAILURE TO YIELD TO EMRG VEHICLE	16	17	0	33	29	0
PRIOR ACCIDENT	24	5	1	30	6	2
DISREGARD TEMPORARY TRAFFIC SIGN	18	10	0	28	12	0
INEXPERIENCED DRIVER	22	6	0	28	8	0
IMPROPER PARKING LOCATION	22	5	0	27	5	0
DRIVING IN OTHER LANE	16	7	0	23	8	0
VEHICLE TOO HIGH	22	1	0	23	1	0
ROCKS IN ROADWAY	18	4	0	22	4	0
WRONG WAY ON ONE WAY	13	7	1	21	21	1
ANIMAL IN ROADWAY (ELK)	15	4	0	19	4	0
STALLED IN TRAVEL LANE	15	2	0	17	3	0
DRIVER VISION OBSCURED	9	7	0	16	10	0

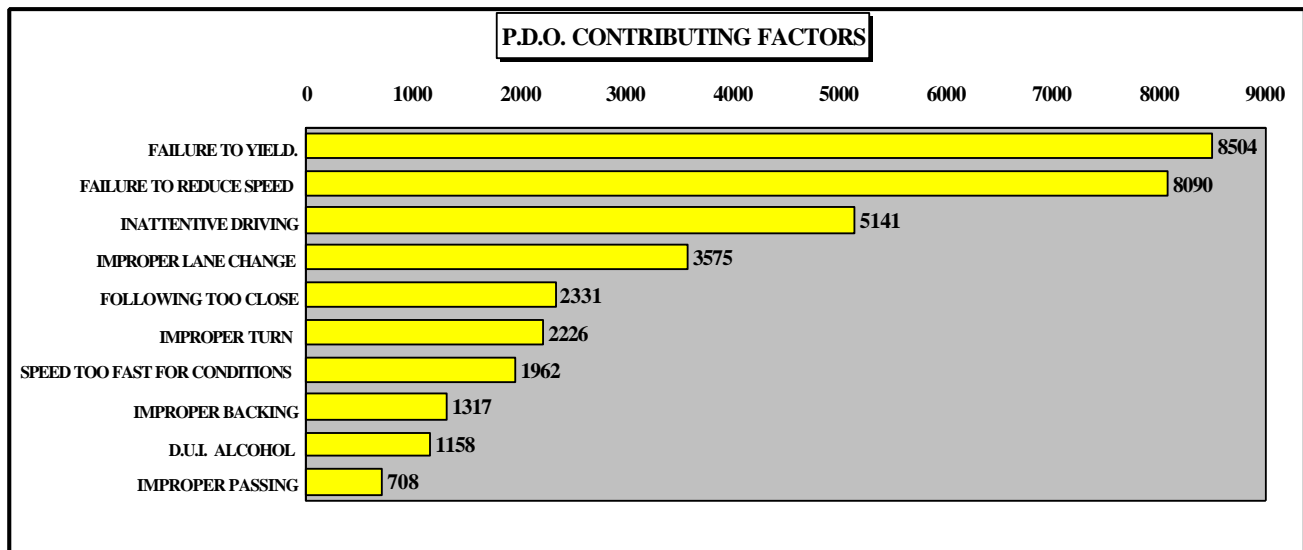
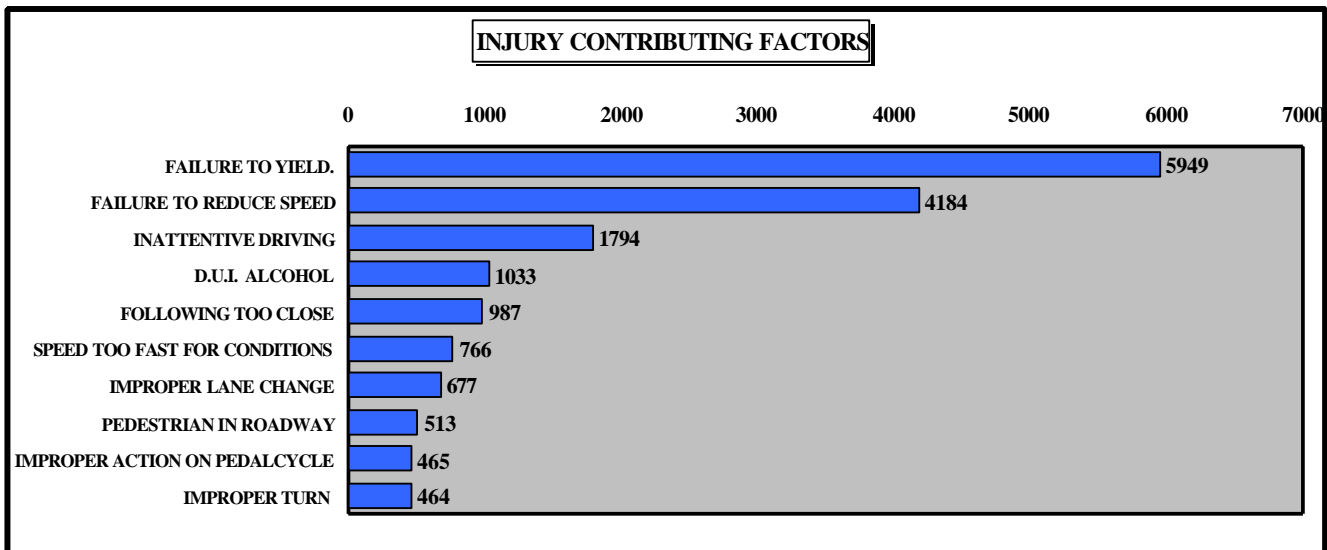
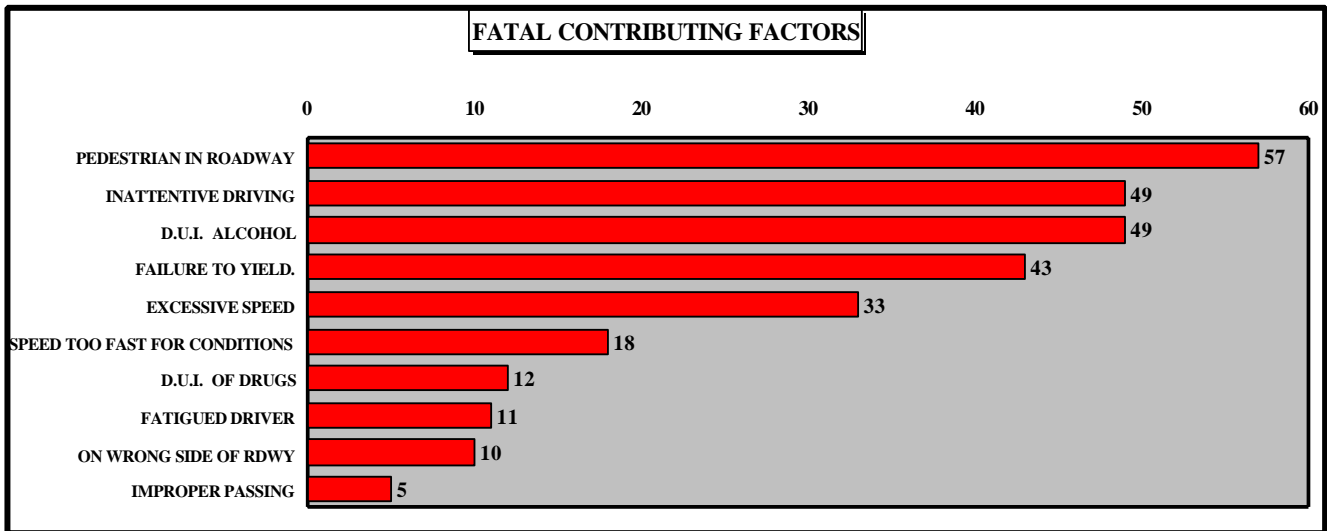
CONTRIBUTING FACTORS BY SEVERITY

STATEWIDE

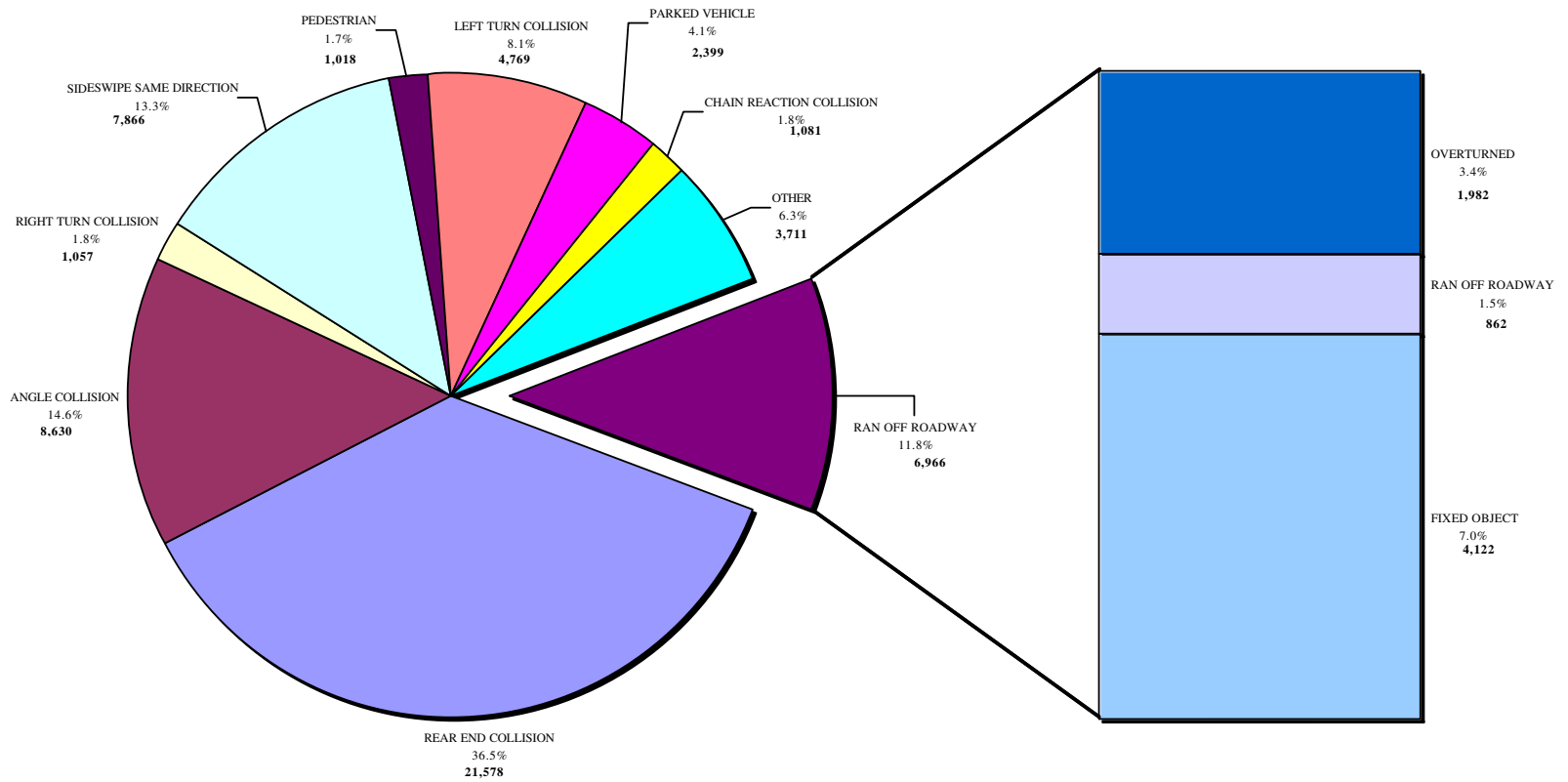
CONT.

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
DEFECTIVE STEERING	10	4	0	14	5	0
MOUNTAIN DRIVING	9	3	0	12	8	0
ANIMAL IN ROADWAY (BURRO)	9	2	0	11	3	0
PUSHED OR FELL FROM VEHICLE	0	8	1	9	8	1
LIGHTS NOT ON	4	4	0	8	7	0
PEDESTRIAN ACTION	1	7	0	8	7	0
PEDALCYCLE ACTION	0	7	0	7	7	0
INFANT OR SMALL CHILD AT WHEEL	5	1	0	6	1	0
ANIMAL IN ROADWAY (ANTELOPE)	3	1	0	4	1	0
FAILURE TO GIVE SIGNAL	3	0	0	3	0	0
DESIGN FACTOR.	1	1	0	2	1	0
ANIMAL IN ROADWAY (SHEEP)	1	0	0	1	0	0
TOTAL	39,904	18,862	309	59,075	29,020	352

TOP TEN CRASH PRIMARY CONTRIBUTING FACTORS BY SEVERITY

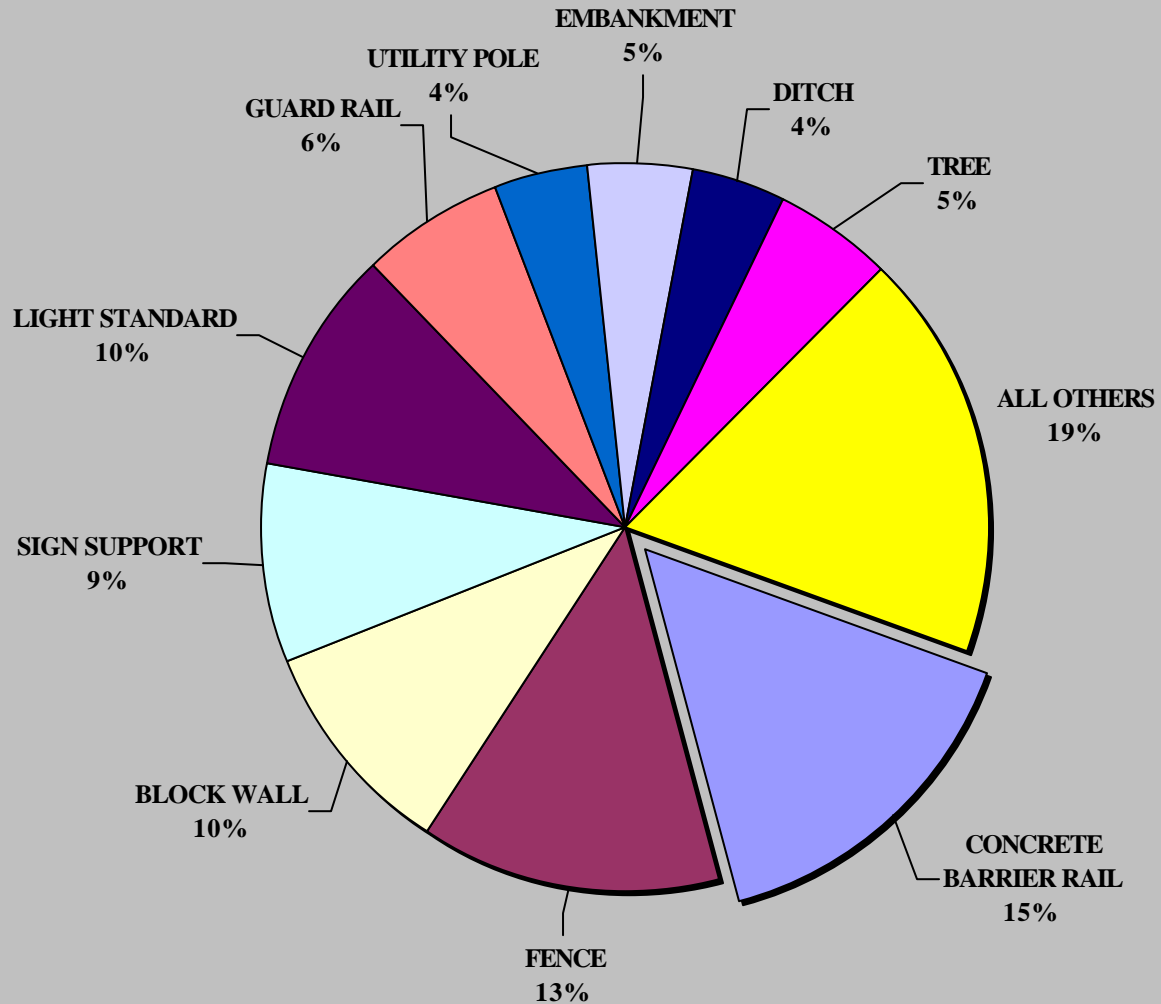


PERCENTAGE OF CRASHES BY TYPE



REAR END, ANGLE AND SIDESWIPE-SAME DIRECTION COLLISIONS WERE THE MAJOR CRASH TYPES FOR 1999.

1999 CRASHES INVOLVING FIXED OBJECTS

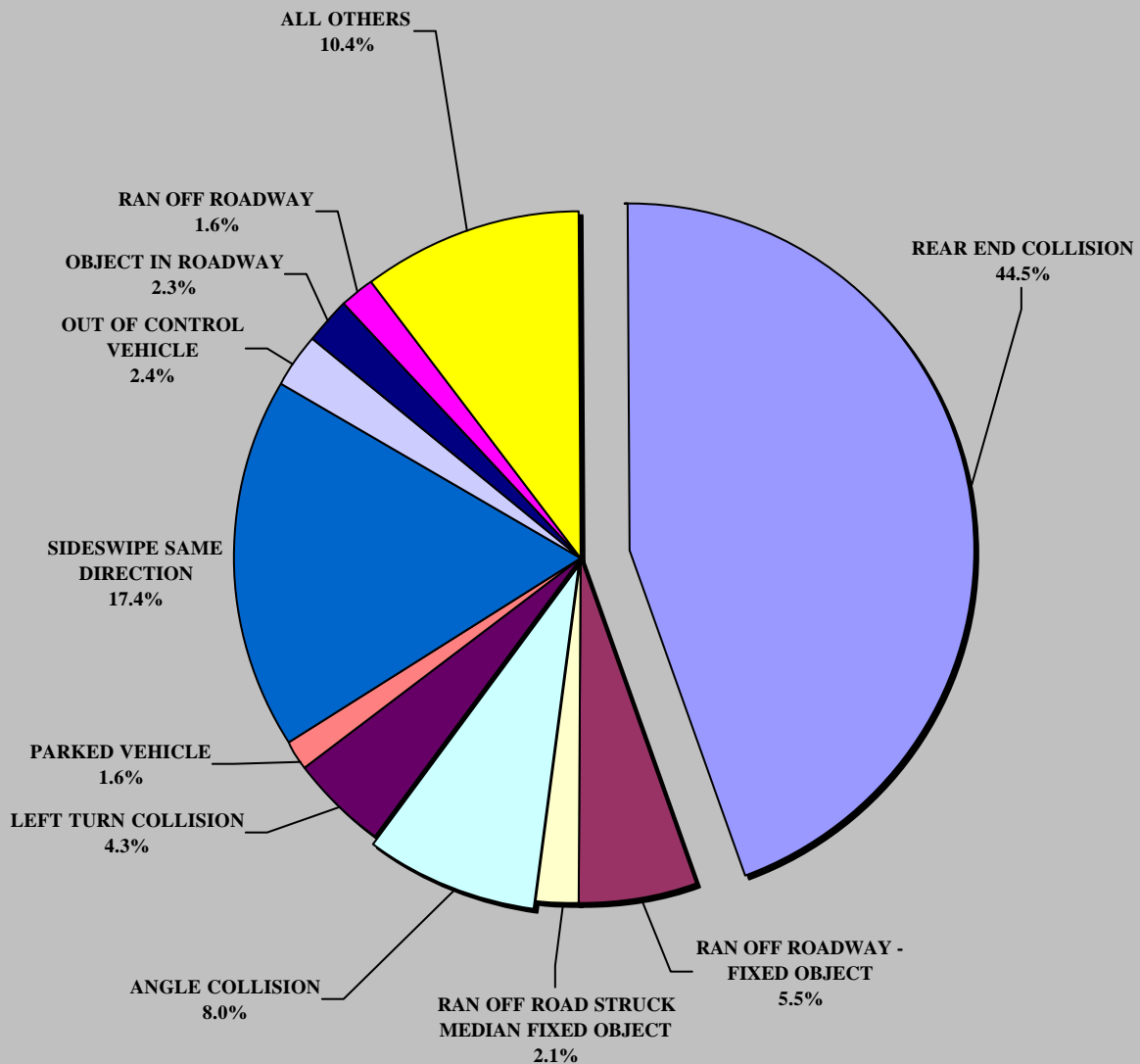


***5439 TOTAL CRASHES**

DURING 1999 THE MOST FREQUENTLY STRUCK FIXED OBJECT ALONG NEVADA'S HIGHWAYS WERE CONCRETE BARRIER RAIL. FIXED OBJECT COLLISIONS COMPRISED 9.2% OF ALL 1999 CRASHES AS COMPARED TO 10.2% IN 1998.

***NOTE: FIXED OBJECTS CAN ALSO BE INVOLVED IN OTHER CRASH TYPES SUCH AS REAR END ANGLE, LEFT TURN ETC. WHEN A FIXED OBJECT IS HIT AFTER THE PRIMARY COLLISION**

CONSTRUCTION ZONE CRASHES BY TYPE 1999

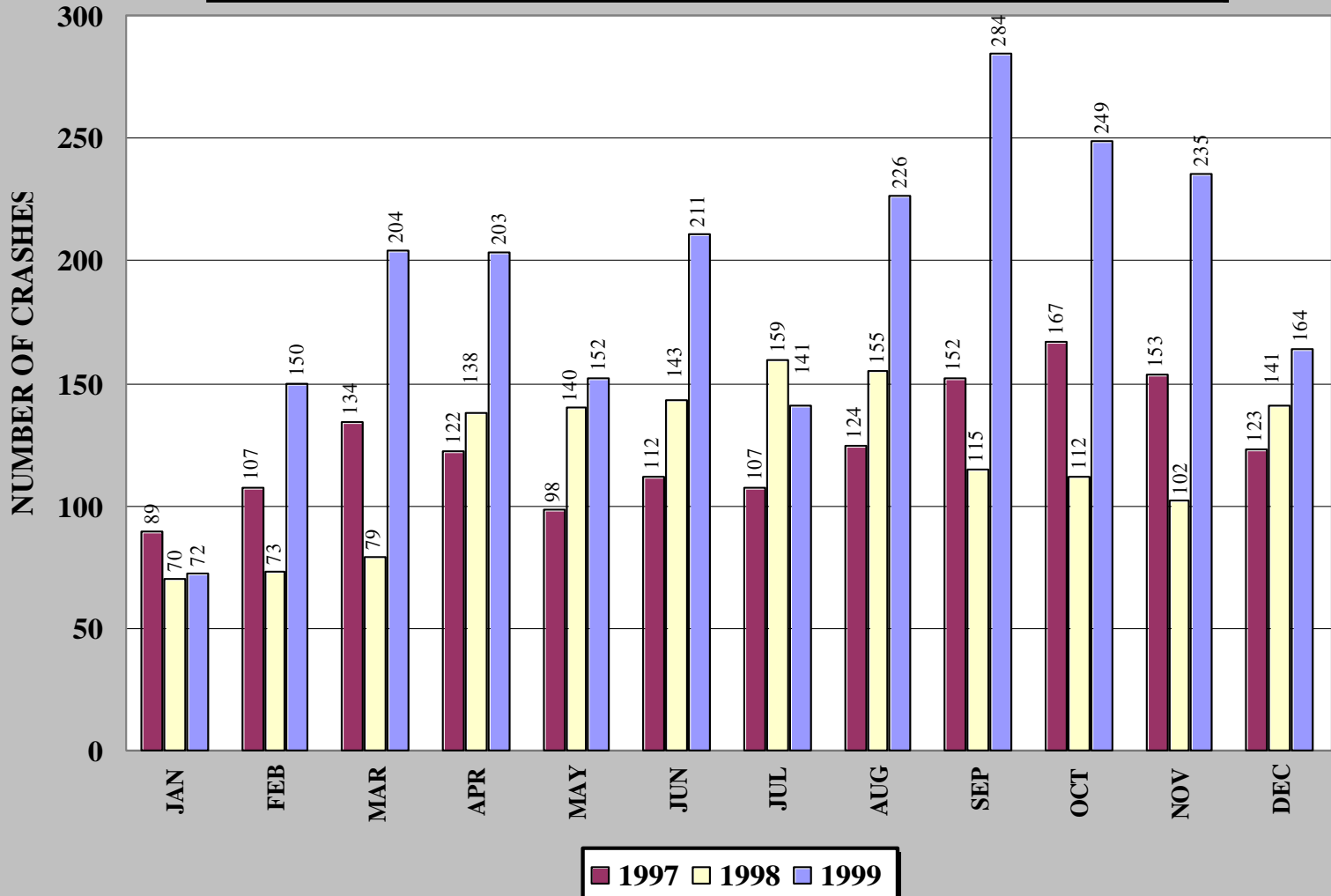


2,291 TOTAL CRASHES

THERE WERE 1009 INJURIES ASSOCIATED WITH 666 INJURY CRASHES AND 20 FATALITIES ASSOCIATED WITH 19 FATAL CRASHES WITHIN A CONSTRUCTION ZONE IN 1999.



CONSTRUCTION ZONE CRASHES BY MONTH AND YEAR

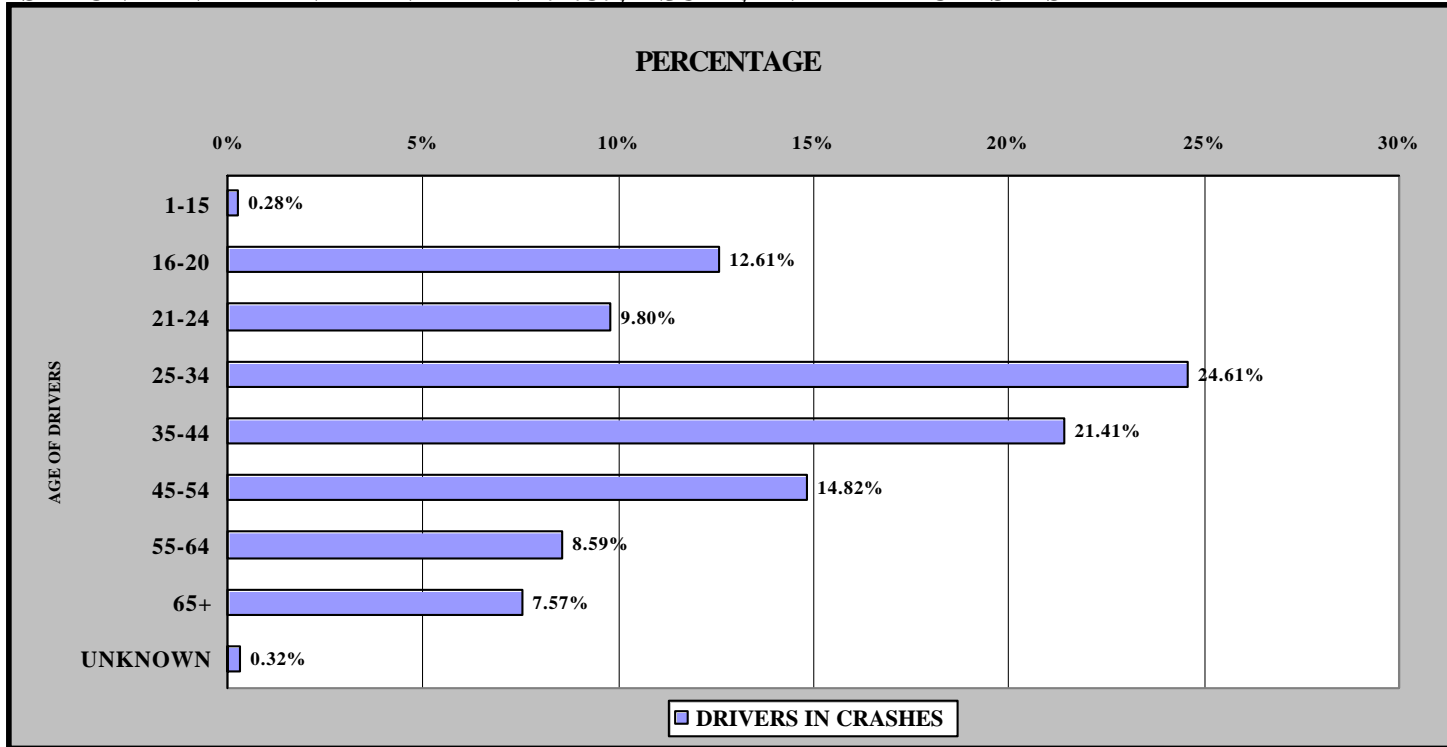


1999

AGE OF DRIVERS INVOLVED IN CRASHES

AGE OF DRIVER	DRIVERS IN P.D.O. CRASHES	% OF DRIVERS IN P.D.O. CRASHES	DRIVERS IN INJURY CRASHES	% OF DRIVERS IN INJURY CRASHES	DRIVERS IN FATAL CRASHES	% OF DRIVERS IN FATAL CRASHES	DRIVERS IN TOTAL CRASHES	% OF DRIVERS IN TOTAL CRASHES
1 - 15	177	0.28%	91	0.28%	4	1.03%	272	0.28%
16 - 20	7,968	12.40%	4,162	13.02%	46	11.86%	12,176	12.61%
21 - 24	6,331	9.86%	3,104	9.71%	27	6.96%	9,462	9.80%
25 - 34	15,928	24.80%	7,744	24.23%	94	24.23%	23,766	24.61%
35 - 44	13,731	21.38%	6,874	21.51%	74	19.07%	20,679	21.41%
45 - 54	9,481	14.76%	4,778	14.95%	54	13.92%	14,313	14.82%
55 - 64	5,594	8.71%	2,664	8.34%	38	9.79%	8,296	8.59%
65+	4,779	7.44%	2,480	7.76%	50	12.89%	7,309	7.57%
UNKNOWN	248	0.39%	58	0.18%	1	0.26%	307	0.32%
TOTAL DRIVERS	64,237	100%	31,955	100%	388	100%	96,580	100%

BASED ON DRIVER 1 AND DRIVER 2 IN P.D.O. , INJURY, AND FATAL CRASHES

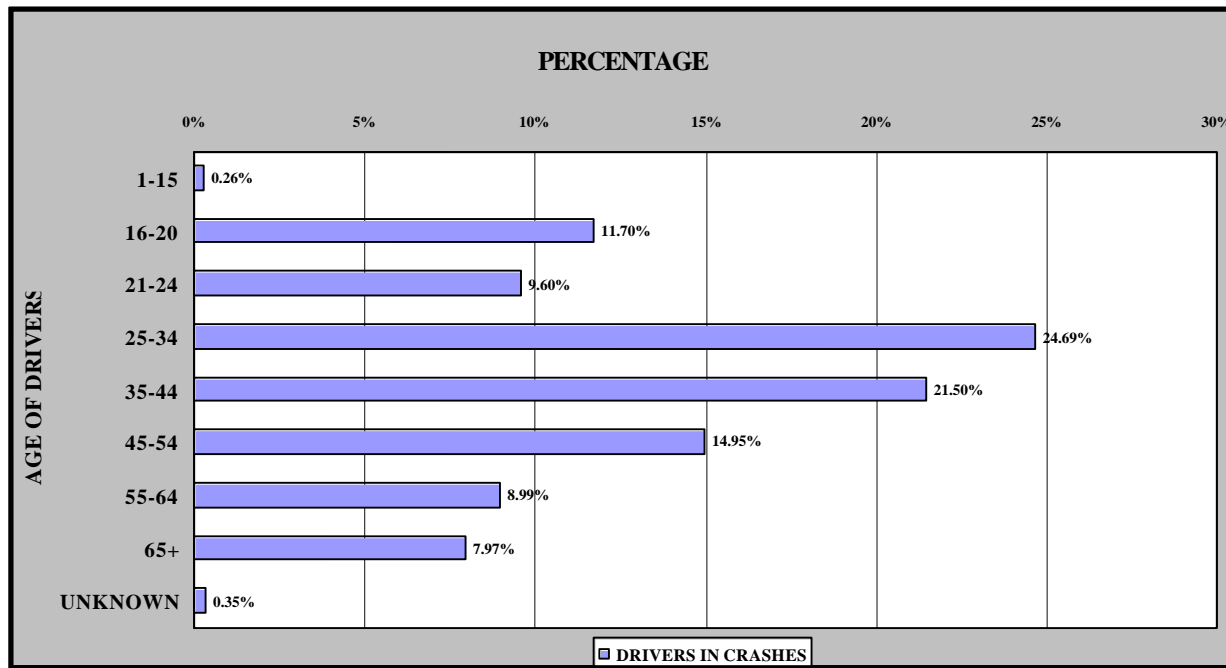


1999

AGE OF MALE DRIVERS INVOLVED IN CRASHES

AGE OF DRIVER	DRIVERS IN P.D.O. CRASHES	% OF DRIVERS IN P.D.O. CRASHES	DRIVERS IN INJURY CRASHES	% OF DRIVERS IN INJURY CRASHES	DRIVERS IN FATAL CRASHES	% OF DRIVERS IN FATAL CRASHES	DRIVERS IN TOTAL CRASHES	% OF DRIVERS IN TOTAL CRASHES
1-15	92	0.23%	60	0.31%	4	1.31%	156	0.26%
16-20	4,686	11.55%	2,333	12.02%	33	10.78%	7,052	11.70%
21-24	3,890	9.59%	1,875	9.66%	21	6.86%	5,786	9.60%
25-34	10,082	24.85%	4,730	24.36%	71	23.20%	14,883	24.69%
35-44	8,703	21.45%	4,199	21.63%	61	19.93%	12,963	21.50%
45-54	6,090	15.01%	2,879	14.83%	45	14.71%	9,014	14.95%
55-64	3,716	9.16%	1,674	8.62%	30	9.80%	5,420	8.99%
65+	3,137	7.73%	1,629	8.39%	40	13.07%	4,806	7.97%
UNKNOWN	173	0.43%	36	0.19%	1	0.33%	210	0.35%
TOTAL	40,569	100%	19,415	100%	306	100%	60,290	100%

BASED ON DRIVER 1 AND DRIVER 2 IN P.D.O. , INJURY, AND FATAL CRASHES

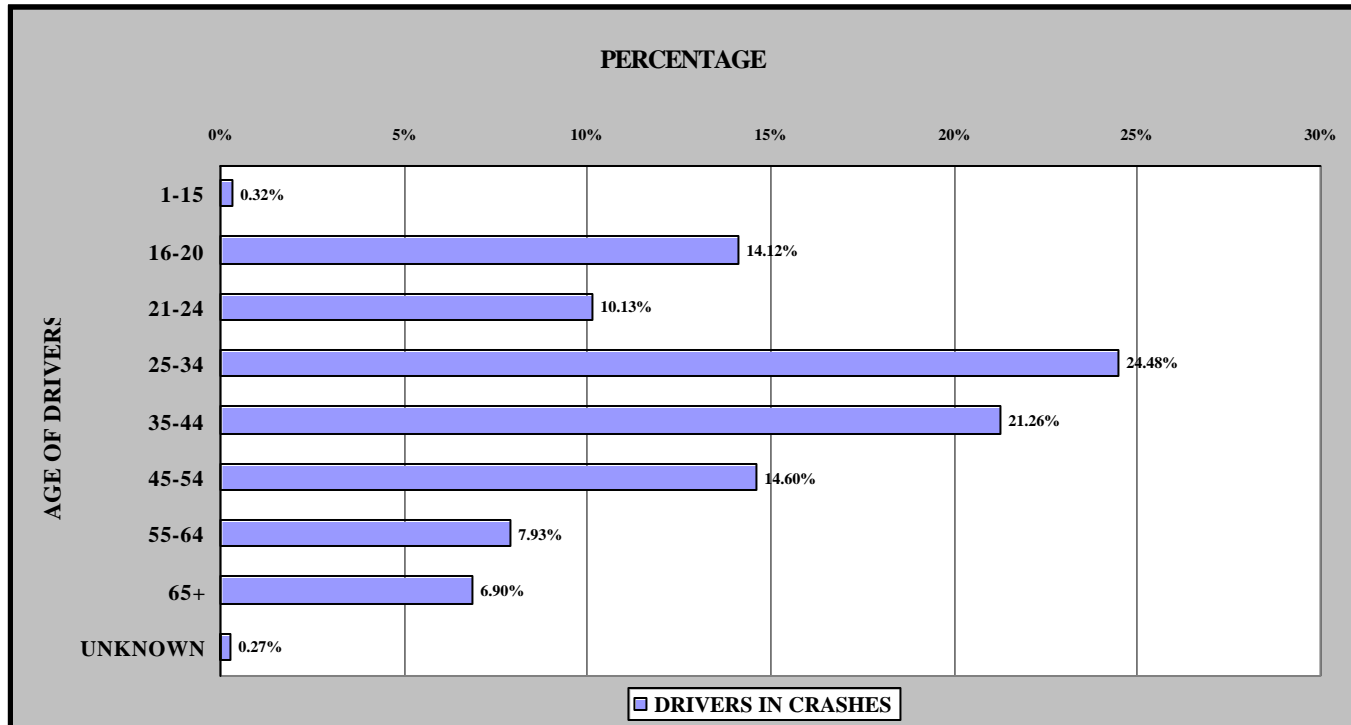


1999

AGE OF FEMALE DRIVERS INVOLVED IN CRASHES

AGE OF DRIVER	DRIVERS IN P.D.O. CRASHES	% OF DRIVERS IN P.D.O. CRASHES	DRIVERS IN INJURY CRASHES	% OF DRIVERS IN INJURY CRASHES	DRIVERS IN FATAL CRASHES	% OF DRIVERS IN FATAL CRASHES	DRIVERS IN TOTAL CRASHES	% OF DRIVERS IN TOTAL CRASHES
1-15	85	0.36%	31	0.25%	0	0.00%	116	0.32%
16-20	3,282	13.87%	1,829	14.59%	13	15.85%	5124	14.12%
21-24	2,441	10.31%	1,229	9.80%	6	7.32%	3676	10.13%
25-34	5,846	24.70%	3,014	24.04%	23	28.05%	8883	24.48%
35-44	5,028	21.24%	2,675	21.33%	13	15.85%	7716	21.26%
45-54	3,391	14.33%	1,899	15.14%	9	10.98%	5299	14.60%
55-64	1,878	7.93%	990	7.89%	8	9.76%	2876	7.93%
65+	1,642	6.94%	851	6.79%	10	12.20%	2503	6.90%
UNKNOWN	75	0.32%	22	0.18%	0	0.00%	97	0.27%
TOTAL	23,668	100%	12,540	100%	82	100%	36,290	100%

BASED ON DRIVER 1 AND DRIVER 2 IN P.D.O. , INJURY, AND FATAL CRASHES



TRENDS

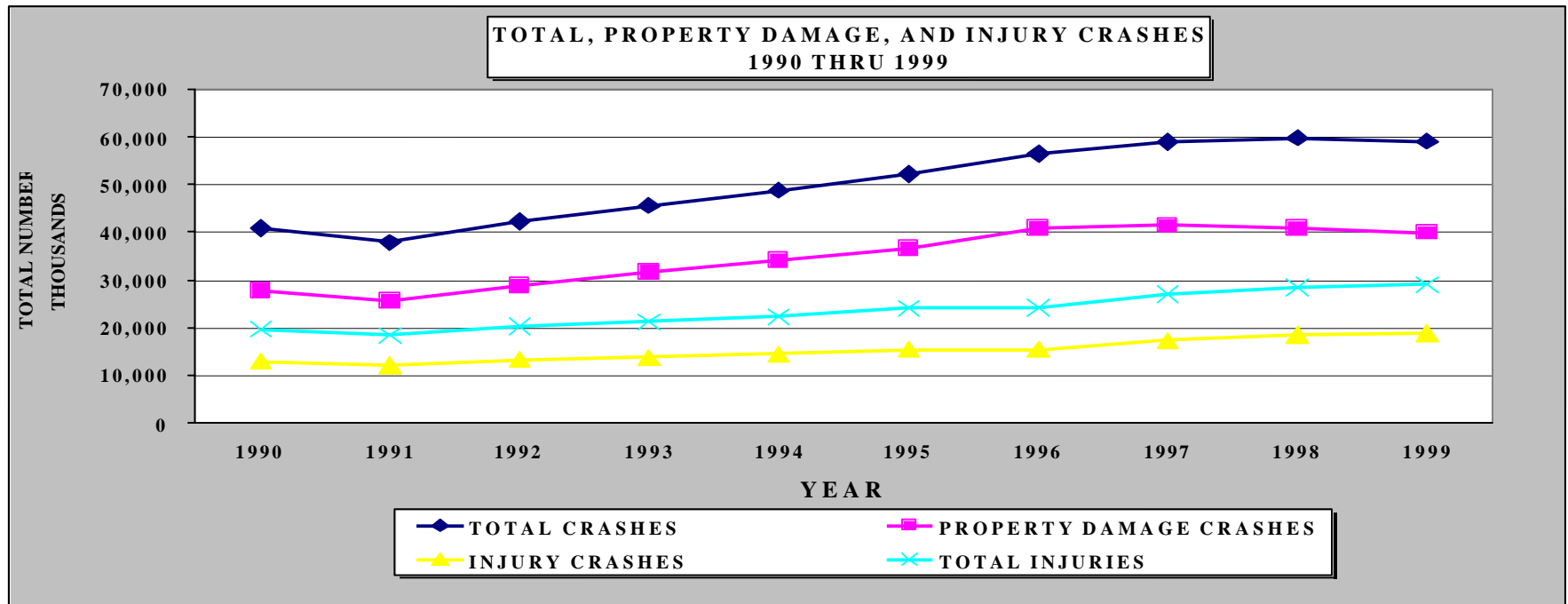
This section presents a series of data displays which identify trends in motor vehicle crashes by using historical data back to 1985. Trends displayed include crash rates and annual vehicle miles driven, fatal rates for Nevada v. Nation, comparisons of annual crash rates v. Population growth, fatal crash rate over the past 10 years, construction zone crash rates for the past 10 years, and crash types over the past 3 years.

1999 SUMMARY ANALYSIS

- ◆ In the past 10 years the total annual vehicle miles in Nevada has increased 72.0% while the fatal crash rate has decreased by 33.6% and the injury crash rate decreased by 14.5%.
- ◆ During the past three years the total annual vehicle miles in Nevada has increased by 5%, while the fatal crash rate has decreased by 9.4% and the injury rate increased by 14.4%. The national fatal crash rate decreased by 4.5% and the injury crash rate decreased by 7.6%.
- ◆ From 1990 to 1999 Nevada's population increased 63.7% while its annual total crashes increased by 48.1% (fatal crashes increased by 3%).
- ◆ In the past ten years construction zone crashes have fluctuated between 809 in 1990 to 2291 in 1999.
- ◆ From 1997 through 1999 rear end collisions accounted for 34.0% of all traffic crashes in Nevada. The next major crash type in the three year period was angle collisions, which accounted for 15.0%.

TEN YEAR TRENDS TOTAL, PROPERTY DAMAGE, AND INJURY CRASHES 1990 THRU 1999

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
TOTAL CRASHES	40,821	37,840	42,250	45,580	48,763	52,233	56,482	58,970	59,726	59,075
PROPERTY DAMAGE CRASHES	27,662	25,555	28,763	31,555	34,044	36,584	40,776	41,420	40,924	39,904
INJURY CRASHES	12,859	12,024	13,260	13,791	14,447	15,372	15,391	17,228	18,487	18,862
TOTAL INJURIES	19,663	18,326	20,265	21,264	22,256	24,005	24,164	27,075	28,400	29,020



CRASH RATES AND ANNUAL VEHICLE MILES

CRASH RATES PER 100 MILLION VEHICLE MILES FOR FATAL INJURY AND TOTAL CRASHES IN NEVADA

YEAR	FATAL CRASHES		INJURY CRASHES		TOTAL CRASHES		TOTAL ANNUAL VEHICLE MILES (MILLIONS)
	CRASHES	RATES	CRASHES	RATES	CRASHES	RATES	
1985	227	2.94	11,475	148.87	30,581	396.74	7,708
1986	203	2.52	9,848	122.11	31,576	391.52	8,065
1987	239	2.80	10,509	122.98	33,236	388.95	8,545
1988	256	2.81	11,299	124.01	35,881	393.82	9,111
1989	276	2.89	12,567	131.51	38,474	402.62	9,556
1990	300	2.95	12,562	126.39	39,881	401.23	10,174
1991	261	2.48	12,019	114.42	37,828	359.96	10,509
1992	227	2.08	13,260	121.60	42,249	387.44	10,905
1993	234	2.01	13,791	118.38	45,580	391.25	11,649
1994	272	2.09	14,447	110.97	48,763	374.57	13,018
1995	277	1.98	15,372	109.99	52,233	373.74	13,976
1996	315	2.01	15,391	98.31	56,482	360.79	15655**
1997	322	1.97	17,228	105.52	58,970	361.18	16,327
1998	315	1.92	18,487	112.48	59,726	363.39	16,436
1999	309	1.78	18,862	108.69	59,075	340.41	17,354

COMPARISON OF NEVADA AND NATIONAL CRASH RATES FOR FATAL AND INJURY CRASHES

YEAR	FATAL CRASHES CRASH RATES		*TOTAL FATALITIES			INJURY CRASHES CRASH RATES	
	NEVADA	NATIONAL	NEVADA RANKING #	NEVADA RATE	NATIONAL RATE	NEVADA	NATIONAL
1985	2.94	2.21	5	3.36	2.50	148.87	124.48
1986	2.52	2.23	14	2.89	2.50	122.11	125.00
1987	2.80	2.15	7	3.07	2.40	122.98	122.60
1988	2.81	2.08	5	3.14	2.32	124.01	110.22
1989	2.89	1.94	2	3.59	2.17	131.51	102.72
1990	2.95	1.86	1	2.93	2.08	126.39	98.97
1991	2.48	1.70	2	2.42	1.91	114.42	92.45
1992	2.08	1.56	7	2.41	1.75	121.60	88.61
1993	2.01	1.56	8	2.53	1.75	118.38	88.03
1994	2.09	1.54	5	2.40	1.73	110.97	90.03
1995	1.98	1.54	10	2.49	1.73	109.99	91.50
1996	2.01	1.51	2	2.22	1.69	98.31	90.17
1997	1.97	1.46	9	2.21	1.64	105.52	83.95
1998	1.92	1.41	N/A	2.20	1.58	112.48	77.30
1999	1.78	1.38	N/A	2.03	1.54	108.69	75.63

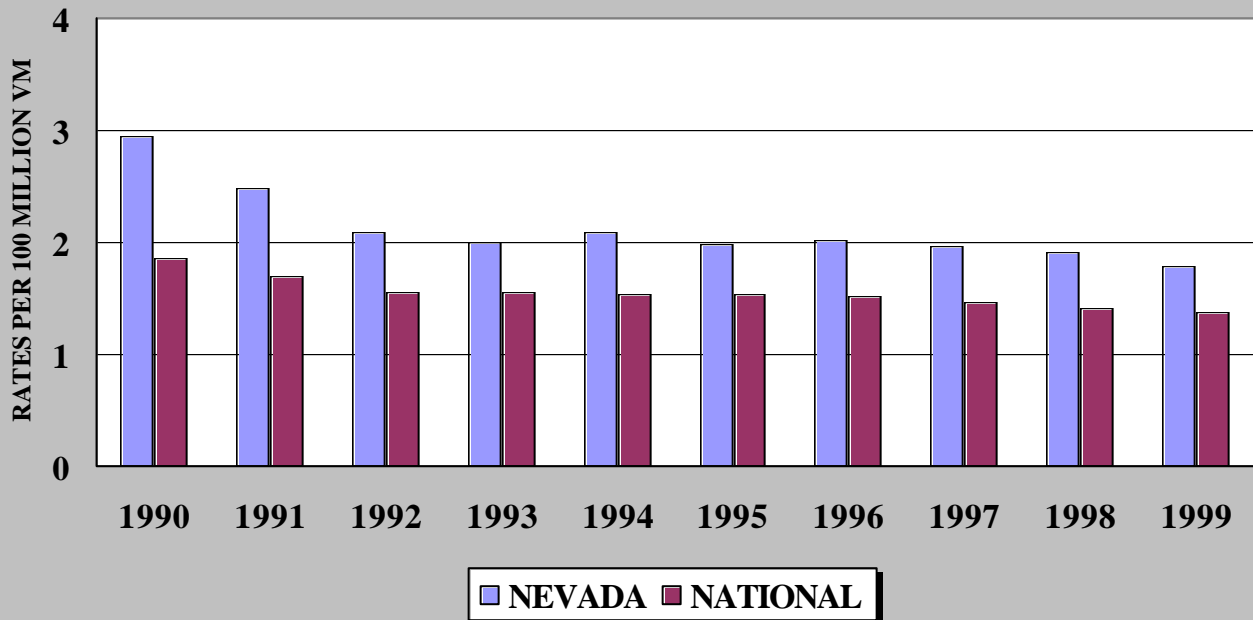
*Rankings are based on the national highway traffic safety facts book

**1996 AVM's were revised and reflect the changes made in the method of calculating the annual vehicle miles.

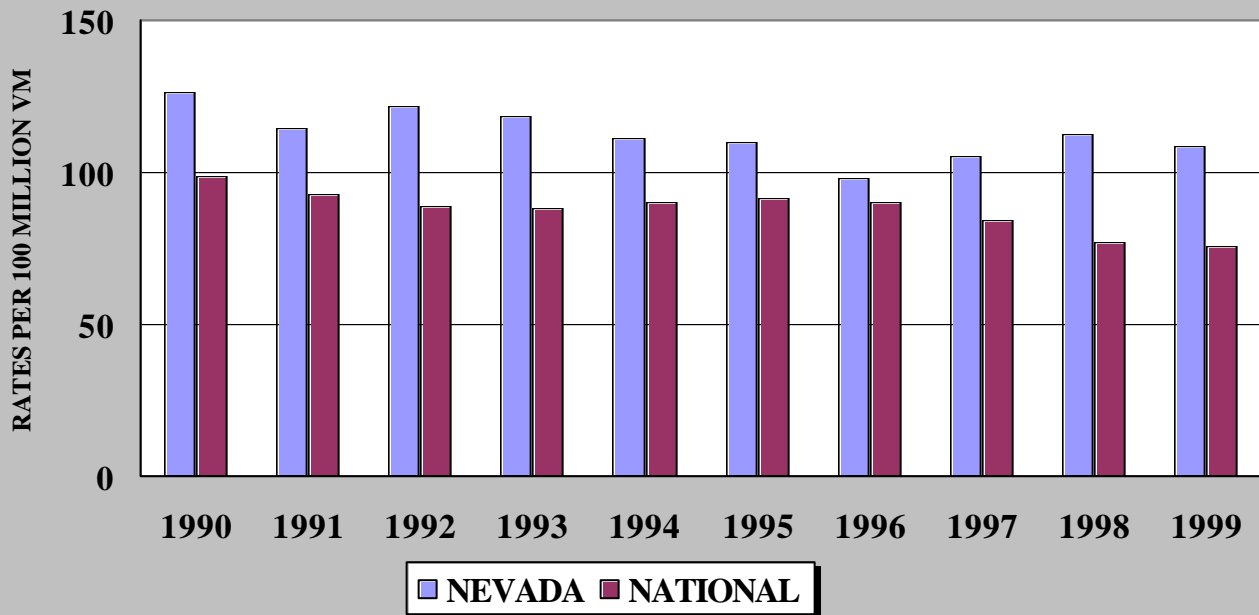
*** Early Assessment of 1999 Crash Data

N/A data not available at this time.

FATAL CRASH RATES NEVADA VS NATIONAL



INJURY CRASH RATES NEVADA VS NATIONAL



**COMPARISONS OF ANNUAL VEHICLE MILES, TOTAL CRASHES, FATAL CRASHES, & POPULATION
1990 THROUGH 1999**

YEAR	AVM	AVM* %CHANGE	POPULATION	POPULATION %CHANGE	TOTAL CRASHES	TOTAL CRASHES %CHANGE	INJURY CRASHES	INJURY CRASHES %CHANGE	FATAL CRASHES	FATAL CRASHES %CHANGE
1990	10,000,000,000	0.00%	1,201,833	0.00%	39,881	0.00%	12,562	0.00%	300	0.00%
1991	10,509,000,000	5.09%	1,296,340	7.86%	37,828	-5.15%	12,019	-4.32%	260	-13.33%
1992	10,905,200,000	9.05%	1,343,940	11.82%	42,250	5.94%	13,260	5.56%	227	-24.33%
1993	11,649,900,000	16.50%	1,398,760	16.39%	45,580	14.29%	13,791	9.78%	234	-22.00%
1994	13,018,500,000	30.19%	1,494,230	24.33%	48,763	22.27%	14,447	15.01%	272	-9.33%
1995	13,975,900,000	39.76%	1,582,390	31.66%	52,233	30.97%	15,372	22.37%	277	-7.67%
1996	15,655,000,000	56.55%	1,688,140	40.46%	56,437	41.51%	15,391	22.52%	315	5.00%
1997	16,326,900,000	63.27%	1,779,850	48.09%	58,970	47.86%	17,226	37.13%	322	7.33%
1998	16,436,000,000	64.36%	1,855,790	54.41%	59,726	49.76%	18,487	47.17%	315	5.00%
1999	17,354,000,000	73.54%	1,967,650	63.72%	59,075	48.13%	29,020	131.01%	309	3.00%

1990 BASE YEAR STATISTICS

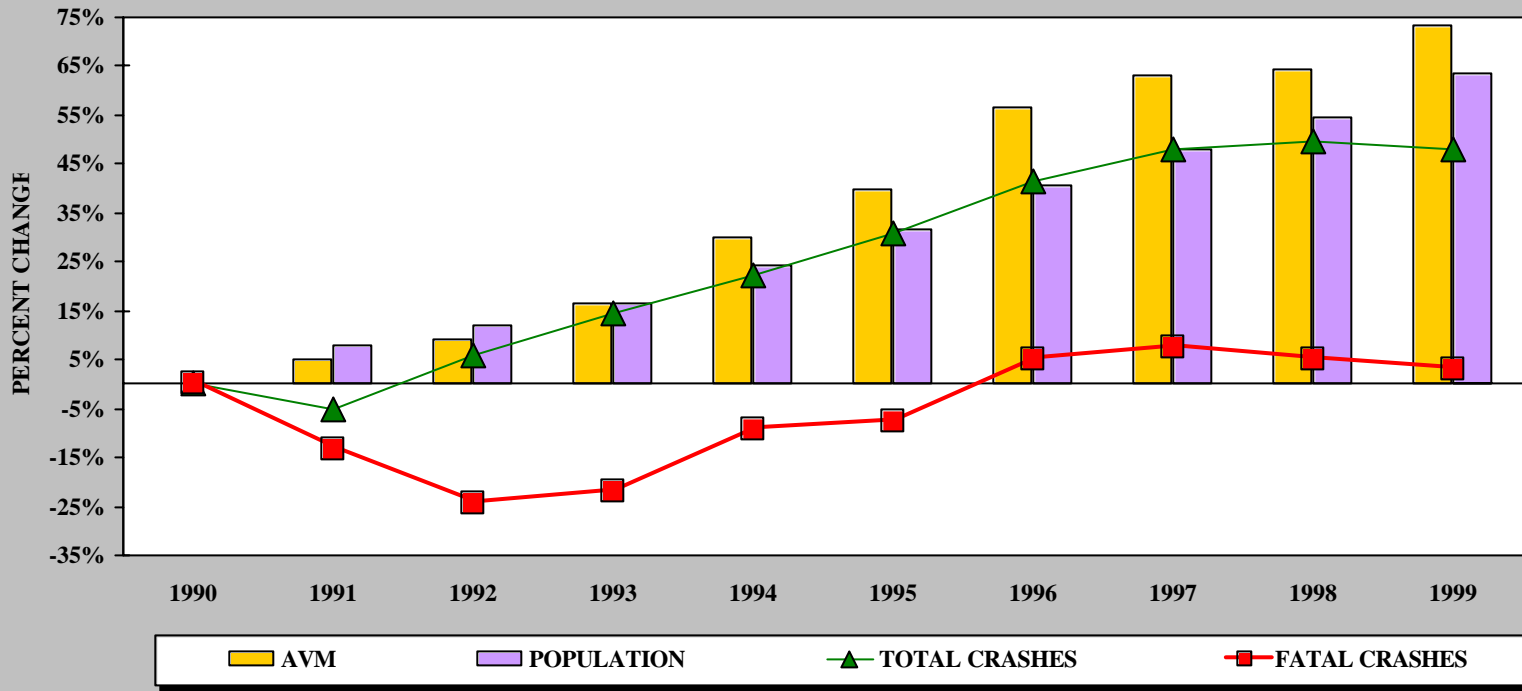
POPULATION	1,201,833
TOTAL CRASHES	39,881
TOTAL FATAL CRASHES	300
AVM	10,000,000,000

1999 STATISTICS

POPULATION	1,967,650
TOTAL CRASHES	59,075
TOTAL FATAL CRASHES	309
AVM	17,354,000,000

* As compared to 1990

COMPARISONS OF ANNUAL VEHICLE MILES, TOTAL CRASHES, FATAL CRASHES
AND STATEWIDE POPULATION
1990 THRU 1999



1990 BASE YEAR STATISTICS

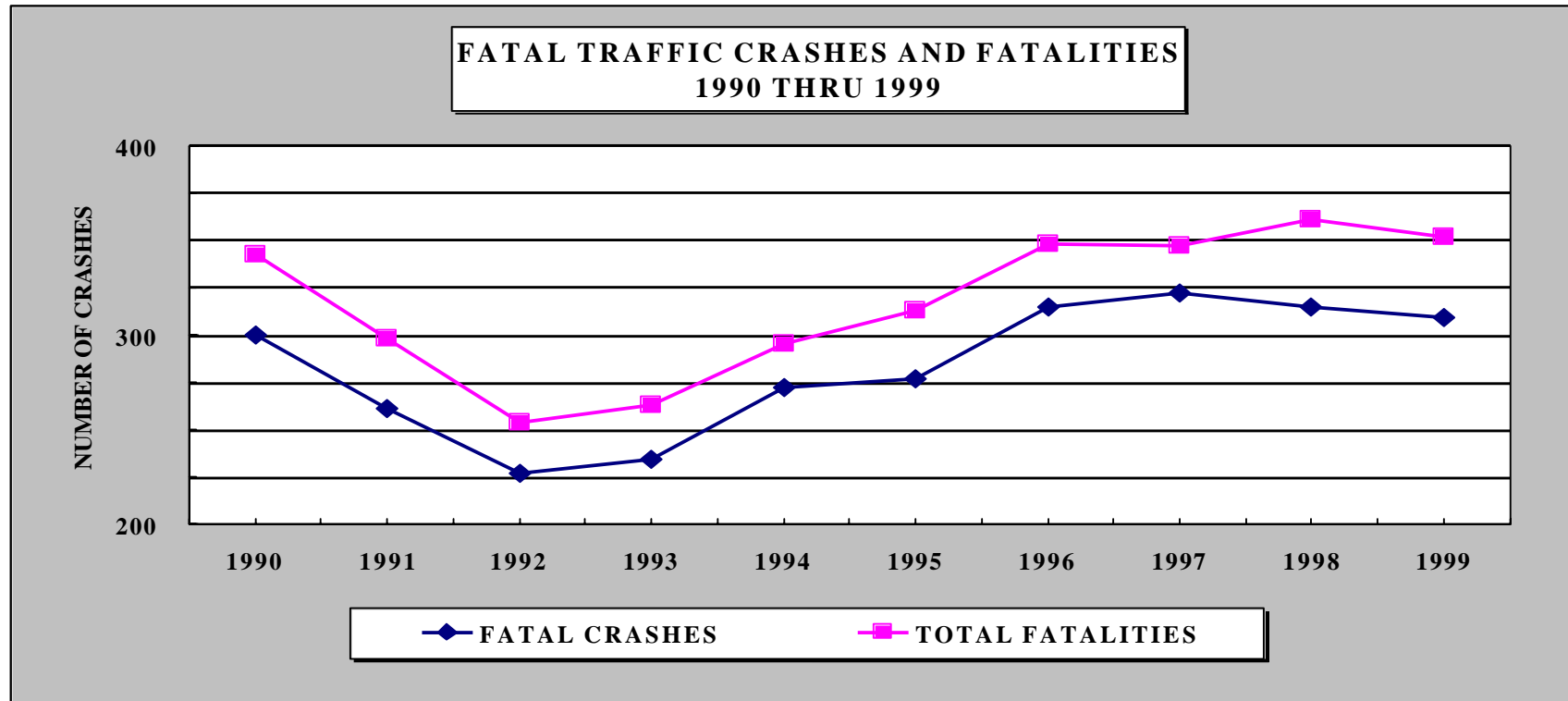
POPULATION	1,201,833
TOTAL CRASHES	39,881
TOTAL FATAL CRASHES	300
AVM	10,000,000,000

1999 STATISTICS

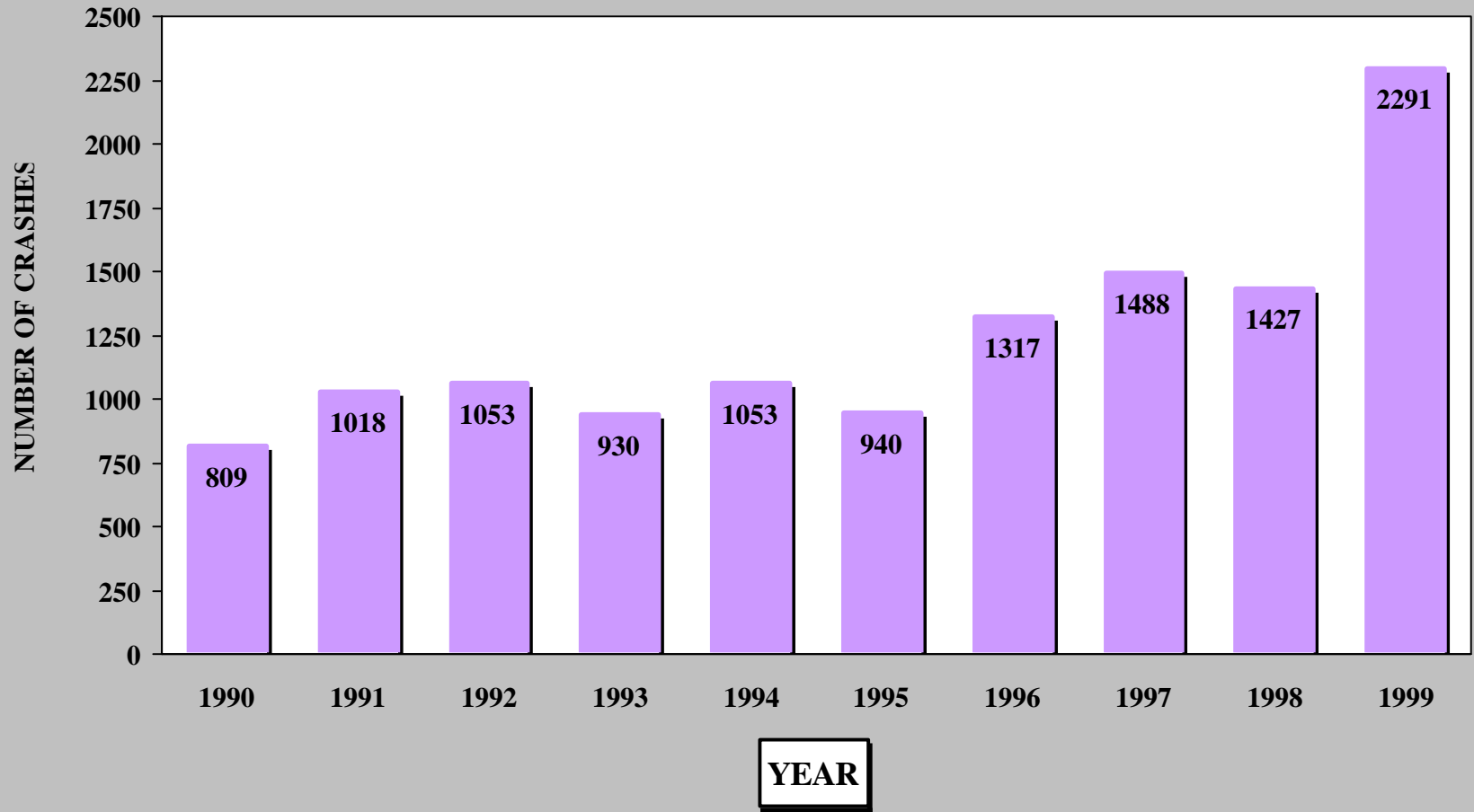
POPULATION	1,967,650
TOTAL CRASHES	59,075
TOTAL FATAL CRASHES	309
AVM	17,000,000,000

TEN YEAR TRENDS FATAL TRAFFIC CRASHES AND FATALITIES 1990 THRU 1999

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
FATAL CRASHES	300	261	227	234	272	277	315	322	315	309
TOTAL FATALITIES	343	298	254	263	295	313	348	347	361	352



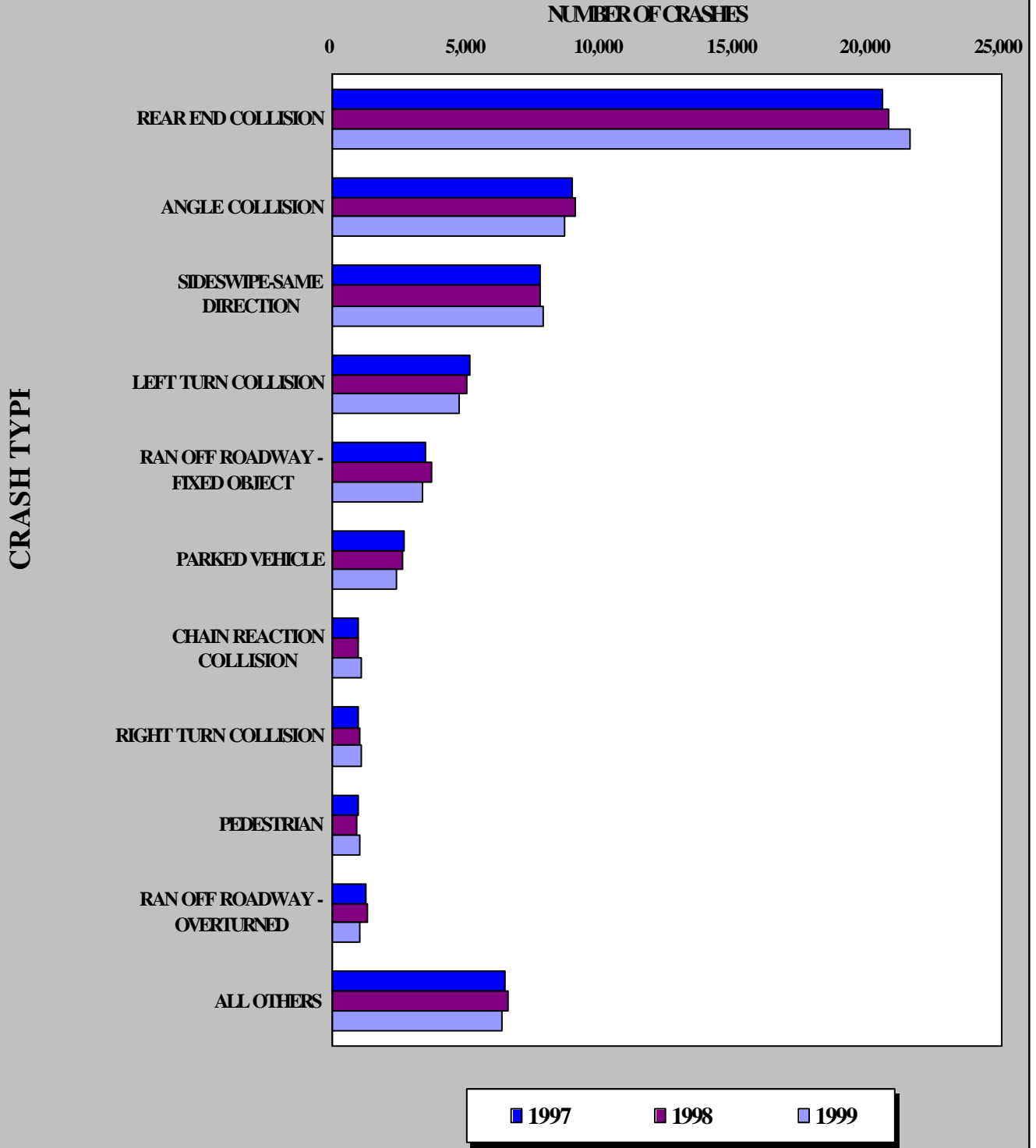
TEN YEAR TREND OF CONTRUCTION ZONE CRASHES



**TOTAL NUMBER OF CRASHES BY CRASH TYPE AND YEAR
1997 THRU 1999**

TYPE OF CRASH	1997	1998	1999
REAR END COLLISION	20,510	20,831	21,578
ANGLE COLLISION	8,946	9,072	8,630
SIDESWIPE-SAME DIRECTION	7,780	7,778	7,866
LEFT TURN COLLISION	5,152	5,044	4,769
RAN OFF ROADWAY - FIXED OBJECT	3,477	3,672	3,342
PARKED VEHICLE	2,663	2,637	2,399
RAN OFF ROADWAY - OVERTURNED	1,228	1,307	1,012
CHAIN REACTION COLLISION	946	960	1,081
RIGHT TURN COLLISION	936	982	1,057
PEDESTRIAN	930	910	1,018
PEDALCYCLE	773	736	751
RAN OFF ROADWAY	701	922	674
OUT OF CONTROL VEHICLE	670	730	802
ANIMAL	572	622	652
OBJECT THROWN FROM OTHER VEHICLE	536	377	396
RAN OFF ROAD STRUCK MEDIAN FIXED OBJECT	475	472	570
SIDESWIPE-OPPOSITE DIRECTION	369	314	264
RAN OFF ROADWAY-OTHER COMBINATIONS	325	338	466
OVERTURNED IN ROADWAY	314	316	302
OBJECT IN ROADWAY	281	319	307
OTHER - NON COLLISION	258	141	75
HIT MEDIAN AND OVERTURNED	257	268	202
RAN OFF ROAD INTO MEDIAN	158	165	101
HEAD ON COLLISION	132	155	138
RAN OFF ROADWAY - EMBANKMENT	106	110	131
DOWN EMBANKMENT OR CLIFF	102	35	83
OTHER - NON MOTOR VEHICLE	60	172	107
RAN OFF ROADWAY - CULVERT OR ABUTMENT	57	64	74
TRAILING VEHICLE DISCONNECTS	55	53	59
PROTRUDING PART OF VEHICLE	44	62	37
UNKNOWN - NON COLLISION	39	41	31
JACK-KNIFE IN ROADWAY	36	30	30
OTHER TYPE COLLISION	33	45	28
HIT PARKED VEHICLE OFF ROADWAY	32	17	23
UNKNOWN COLLISION	9	16	5
HIT RAILROAD CROSSING GATE ACROSS ROAD	3	8	5
RAN OFF ROADWAY INTO RIVER	3	0	3
TRAIN	1	2	3
RAN OFF ROADWAY AT RAILROAD CROSSING	1	0	1
UNKNOWN - NON MOTOR VEHICLE	0	3	3
TOTAL	58,970	59,726	59,075

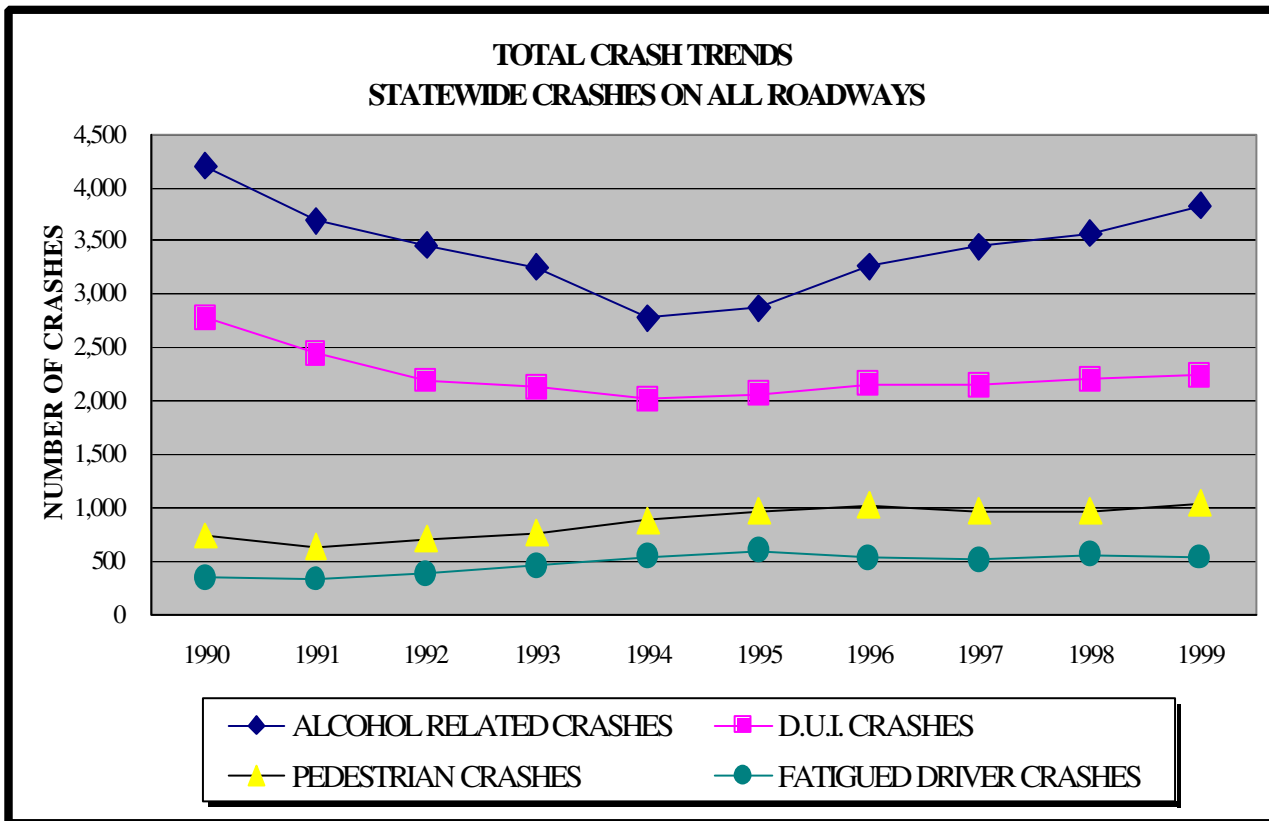
**TOP TEN CRASH TYPES BY YEAR
1997 THRU 1999**



STATEWIDE TOTALS BY YEAR

1990 THRU 1999

YEAR	*TOTAL ALCOHOL RELATED CRASHES	*TOTAL DUI CRASHES	TOTAL PEDESTRIAN CRASHES	FATIGUED DRIVER CRASHES
1990	4,203	2,772	737	347
1991	3,689	2,446	633	329
1992	3,459	2,188	704	377
1993	3,253	2,126	771	457
1994	2,774	2,015	881	543
1995	2,871	2,063	962	600
1996	3,262	2,156	1,020	529
1997	3,454	2,148	972	517
1998	3,573	2,204	970	559
1999	3,834	2,240	1,043	532



THESE TOTALS ARE BASED ON THE PRIMARY CONTRIBUTING FACTOR.

*TOTAL ALCOHOL RELATED CRASHES ARE BASED ON DRIVER 1 OR PEDESTRIAN



VEHICLES

This section presents a series of data displays, which identify types of vehicles involved in crashes and specific motorcycle crash information.

1999 SUMMARY ANALYSIS

- ◆ The Standard passenger car was involved in more crashes than any other type of vehicle in 1999, followed by the pick up truck then the *small passenger car.
- ◆ Motorcycle fatal crashes declined then rose from 1997 through 1999 - 25, 13 and 19 respectively (this does not include "moped" deaths).
- ◆ The counties with motorcycle fatalities in 1999 were Clark with 13, Washoe with 3, Churchill with 2 and Douglas with 1.
- ◆ Total number of large trucks involved in crashes has increased from 3,036 in 1997 to 3,792 in 1999. This reflects a 24.9% increase.
- ◆ 1,902 motor vehicles were determined to be “totaled” in traffic crashes in 1999. 11,513 received major damage, 38,875 were moderately damaged and 40,802 received minor damage.

*Small Passenger Car - Includes very small passenger such as a Toyota Corolla, VW Bug, Honda Civic or Del Sol etc.
Any small 2 door vehicle.

**TYPES OF VEHICLES INVOLVED IN ALL PROPERTY DAMAGE,
INJURY, AND FATAL CRASHES***

TYPE OF VEHICLE	TOTAL VEHICLES	VEHICLES IN PROPERTY DAMAGE CRASHES	VEHICLES IN INJURY CRASHES	VEHICLES IN FATAL CRASHES
STANDARD PASSENGER CAR	73,207	49,655	23,363	189
SMALL PASSENGER CAR	6,324	4,204	2,055	65
PICK-UP TRUCK	19,266	13,480	5,697	89
MOTORCYCLE	697	143	537	17
SINGLE UNIT TRUCK	2,055	1,598	449	8
TRUCK WITH ONE TRAILER	1,583	1,231	325	27
TRUCK WITH TWO TRAILERS	135	108	25	2
TRUCK WITH THREE TRAILERS	19	16	3	0
OTHER	30	10	18	2
FARM IMPLEMENT	20	13	7	0
MOBILE HOME (PULLED BY VEH.)	9	7	2	0
MOTOR HOME	150	116	34	0
BUS (COMMERCIAL)	613	482	128	3
BUS (SCHOOL)	163	125	37	1
PICKUP WITH TRAILER	569	433	130	6
CAR WITH TRAILER	83	57	25	1
MOPED	39	8	30	1
LAW ENFORCEMENT VEHICLE	280	197	83	0
AMBULANCE	30	24	6	0
FIRE FIGHTING VEHICLE	37	32	5	0
CONSTRUCTION VEHICLE	73	55	16	2
TAXI	941	612	327	2
MOTOCYCLE W/ TRAILER OR SIDECAR	4	33	8	1
MOTOR HOME WITH TRAILER	572	498	74	0
UNKNOWN	826	631	195	0
TOTAL	107,767	73,770	33,581	416

* BASED ON VEHICLES 1 AND 2

TOTAL VEHICLES INVOLVED IN CRASHES

1999

VEHICLE TYPE	TOTAL VEHICLES	% OF TOTAL
PASSENGER CARS		
STANDARD PASSENGER CAR	73,207	67.93%
SMALL PASSENGER CAR	6,324	5.87%
TAXI	941	0.87%
LAW ENFORCEMENT VEHICLE	280	0.26%
CAR WITH TRAILER	83	0.08%
LIGHT TRUCKS		
PICK-UP TRUCK	19,266	17.88%
PICKUP WITH TRAILER	569	0.53%
LARGE TRUCKS		
SINGLE UNIT TRUCK	2,055	1.91%
TRUCK WITH ONE TRAILER	1,583	1.47%
TRUCK WITH TWO TRAILERS	135	0.13%
TRUCK WITH THREE TRAILERS	19	0.02%
BUSES		
BUS (COMMERCIAL)	613	0.57%
BUS (SCHOOL)	163	0.15%
MOTORCYCLES		
MOTORCYCLES	697	0.65%
MOPED	39	0.04%
MOTORCYCLE WITH TRAILER OR SIDECAR	4	0.00%
ALL OTHERS		
MOTOR HOME	150	0.14%
CONSTRUCTION VEHICLE	73	0.07%
MOTOR HOME WITH TRAILER	42	0.04%
FIRE FIGHTING VEHICLE	37	0.03%
OTHER	30	0.03%
AMBULANCE	30	0.03%
FARM IMPLEMENT	20	0.02%
MOBILE HOME (PULLED BY VEH.)	9	0.01%
UNKNOWN	1,398	1.30%
TOTAL VEHICLES	107,767	100.00%

VEHICLES INVOLVED IN CRASHES BY VEHICLE TYPE, ROLLOVER OCCURRENCE, AND CRASH SEVERITY

1999

VEHICLE TYPE	ROLLOVER OCCURRENCE				TOTAL	
	YES		NO			
	NUMBER OF VEHICLES	% OF TOTAL	NUMBER OF VEHICLES	% OF TOTAL	NUMBER OF VEHICLES	% OF TOTAL

PDO CRASHES

PASSENGER CARS	500	0.91%	54,225	99.09%	54,725	74.18%
LIGHT TRUCKS	235	1.69%	13,678	98.31%	13,913	18.86%
LARGE TRUCKS	61	2.07%	2,892	97.93%	2,953	4.00%
BUSES	0	0.00%	607	100.00%	607	0.82%
MOTORCYCLES	9	5.88%	144	94.12%	153	0.21%
ALL OTHERS	2	0.14%	1,417	99.86%	1,419	1.92%
TOTAL	807	1.09%	72,963	98.91%	73,770	100.00%

INJURY CRASHES

PASSENGER CARS	694	2.68%	25,159	97.32%	25,853	76.99%
LIGHT TRUCKS	229	3.93%	5,598	96.07%	5,827	17.35%
LARGE TRUCKS	46	5.74%	756	94.26%	802	2.39%
BUSES	0	0.00%	165	100.00%	165	0.49%
MOTORCYCLES	56	9.84%	513	90.16%	569	1.69%
ALL OTHERS	7	1.92%	358	98.08%	365	1.09%
TOTAL	1,032	3.07%	32,549	96.93%	33,581	100.00%

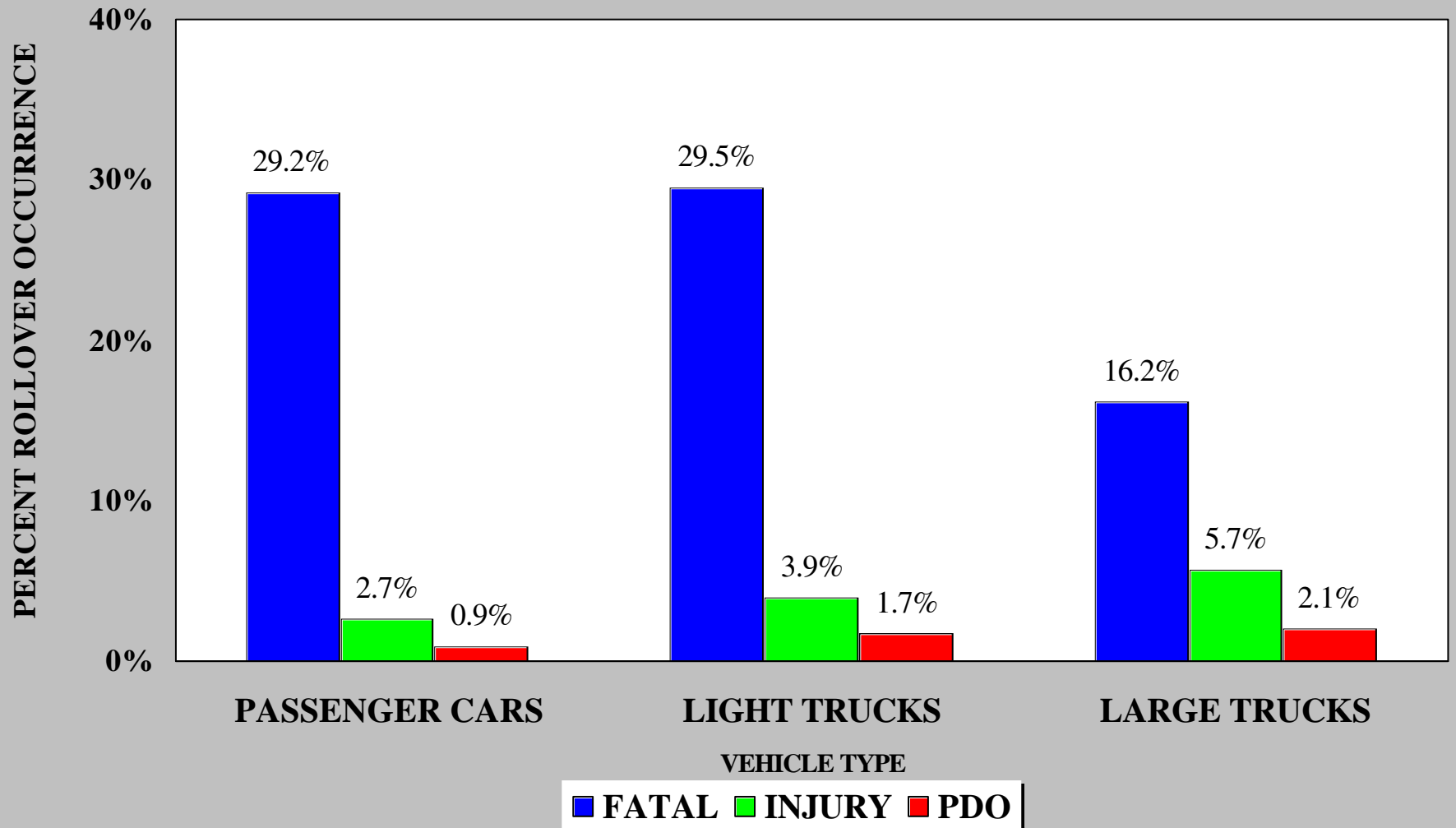
FATAL CRASHES

PASSENGER CARS	75	29.18%	182	70.82%	257	61.78%
LIGHT TRUCKS	28	29.47%	67	70.53%	95	22.84%
LARGE TRUCKS	6	16.22%	31	83.78%	37	8.89%
BUSES	0	0.00%	4	100.00%	4	0.96%
MOTORCYCLES	0	0.00%	18	100.00%	18	4.33%
ALL OTHERS	0	0.00%	5	100.00%	5	1.20%
TOTAL	109	26.20%	307	73.80%	416	100.00%

ALL CRASHES

PASSENGER CARS	1,269	1.57%	79,566	98.43%	80,835	75.01%
LIGHT TRUCKS	492	2.48%	19,343	97.52%	19,835	18.41%
LARGE TRUCKS	113	2.98%	3,679	97.02%	3,792	3.52%
BUSES	0	0.00%	776	100.00%	776	0.72%
MOTORCYCLES	65	8.78%	675	91.22%	740	0.69%
ALL OTHERS	9	0.50%	1,780	99.50%	1,789	1.66%
TOTAL	1,948	1.81%	105,819	98.19%	107,767	100.00%

SUV's are included as a Standard Passenger Car.

**PERCENT ROLLOVER OCCURRENCE
BY VEHICLE TYPE AND CRASH SEVERITY**

**TOTAL TRUCKS INVOLVED IN CRASHES BY TYPE
1997 THRU 1999**

TRUCK CRASHES	1997 TOTAL VEHICLES	1998 TOTAL VEHICLES	1999 TOTAL VEHICLES
SINGLE UNIT TRUCK	1,321	1,879	2,055
TRUCK WITH ONE TRAILER	1,584	1,498	1,583
TRUCK WITH TWO TRAILERS	114	130	135
TRUCK WITH THREE TRAILERS	17	27	19
TOTAL TRUCK CRASHES	3,036	3,534	3,792

DOES NOT INCLUDE BUSES, MOTOR HOMES, FIRE FIGHTING VEHICLES, OR OTHER VEHICLE CLASSIFICATIONS THAT MAY TYPICALLY MEET NGA REQUIREMENTS.

**MOTORCYCLE CRASH TOTALS BY SEVERITY AND COUNTY
1997 THRU 1999**

COUNTY	1997				1998				1999			
	INJURY CRASHES	TOTAL INJURIES	FATAL CRASHES	TOTAL FATALITIES	INJURY CRASHES	TOTAL INJURIES	FATAL CRASHES	TOTAL FATALITIES	INJURY CRASHES	TOTAL INJURIES	FATAL CRASHES	TOTAL FATALITIES
CARSON	10	11	1	1	10	11	0	0	19	23	0	0
CHURCHILL	3	3	0	0	7	9	0	0	9	10	1	2
CLARK	351	414	16	16	367	426	11	12	374	430	12	13
DOUGLAS	7	8	1	1	7	9	1	1	11	12	1	1
ELKO	4	4	0	0	4	6	0	0	8	10	0	0
ESMERALDA	2	2	0	0	1	1	0	0	0	0	0	0
EUREKA	0	0	0	0	0	0	0	0	0	0	0	0
HUMBOLDT	6	7	0	0	2	2	0	0	4	4	0	0
LANDER	1	1	0	0	0	0	0	0	2	2	0	0
LINCOLN	1	1	0	0	1	1	0	0	0	0	0	0
LYON	3	5	0	0	6	10	0	0	5	5	0	0
MINERAL	1	1	0	0	0	0	0	0	2	2	0	0
NYE	8	10	0	0	8	12	0	0	4	4	0	0
PERSHING	1	1	0	0	0	0	0	0	1	1	0	0
STOREY	1	1	0	0	2	3	0	0	3	4	0	0
WASHOE	85	98	5	7	71	84	0	0	89	108	3	3
WHITE PINE	3	4	0	0	3	3	0	0	1	1	0	0
TOTAL	487	571	23	25	489	577	12	13	532	616	17	19

ALCOHOL & DRUG RELATED CRASHES

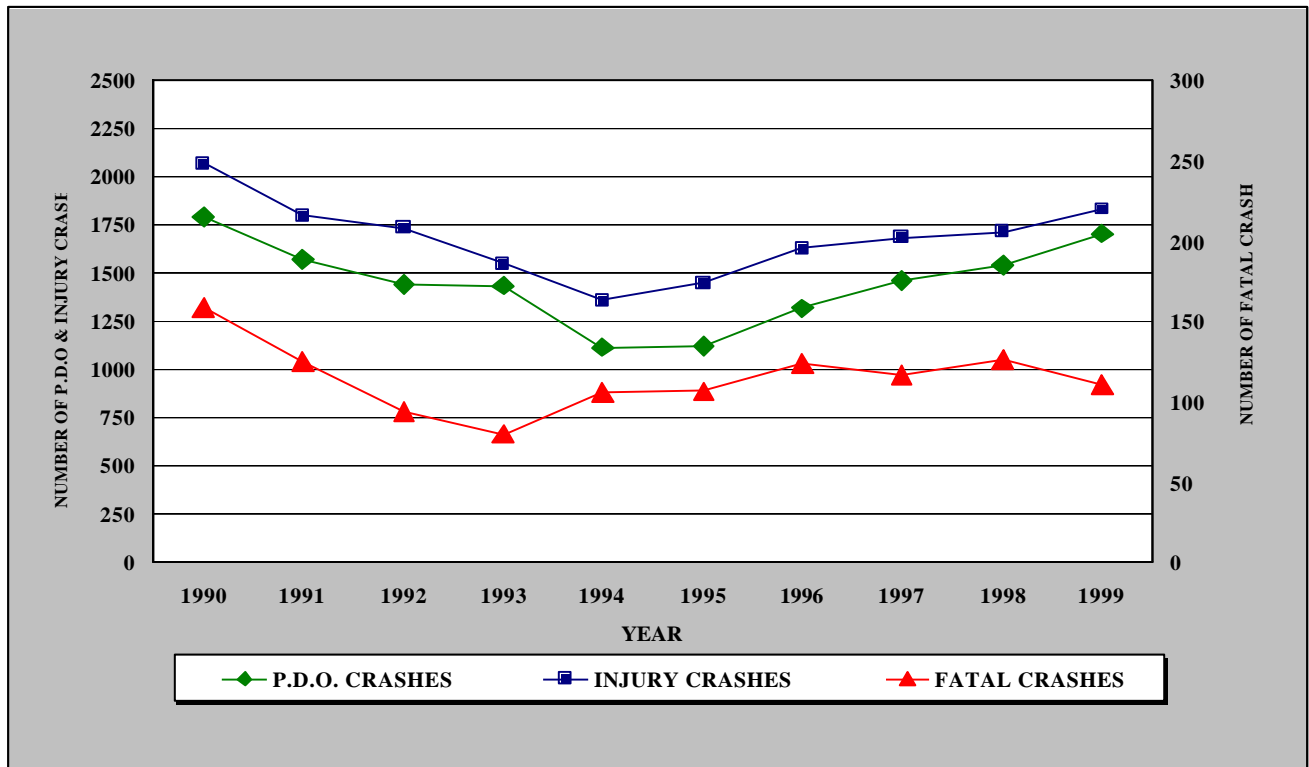
This section presents a series of data displays which identify 10-year trends of alcohol related crashes: alcohol related crashes by type; totals by county and year; alcohol related injury and fatal crashes by county, day of week, and times of day; drug related crashes; and driver and pedestrian alcohol related crashes by severity.

1999 SUMMARY ANALYSIS

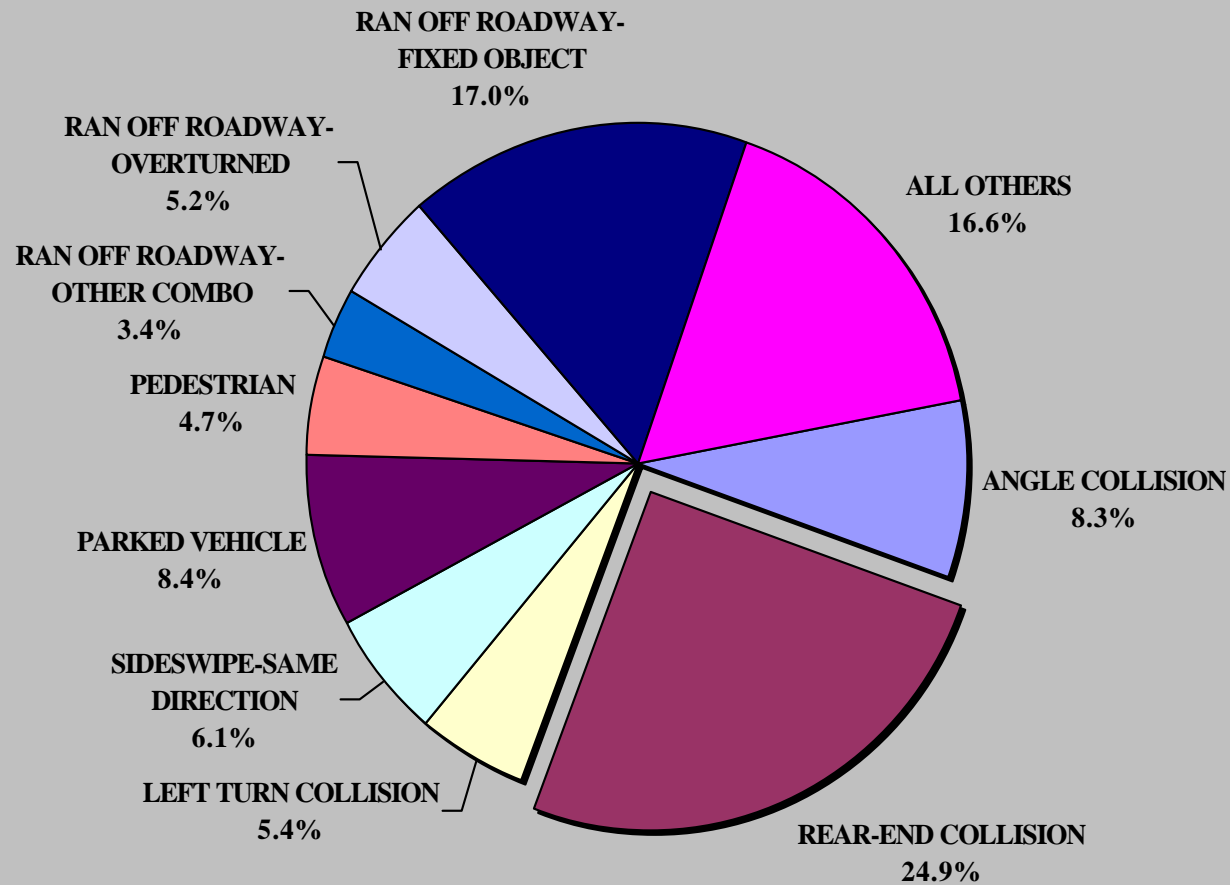
- ◆ In the last three years 392 people were killed and 8,340 people were injured in 10,861 crashes involving alcohol.
- ◆ In 1999 Storey County has the highest percentage of alcohol related crashes with 12.36%. The lowest percentage of crashes involving alcohol was Mineral County with 5.0%.
- ◆ The County with the highest percentage of alcohol related fatal crashes was Lander County with 66.7%.
- ◆ There were 122 people killed in alcohol related crashes in 1999.
- ◆ Statewide, 9:00 PM to 2:00 AM are the most fatal hours for alcohol related crashes. Twenty-six percent or 29 of the 126 alcohol related fatal crashes occurred during those 6 hours.
- ◆ Statewide, Saturday & Sunday are the most likely days for fatal alcohol related crashes to occur. Forty-one or 41% of these crashes occurred on those days.
- ◆ Thirty one percent of the pedestrians killed in 1999 had used alcohol.

ALCOHOL RELATED CRASHES 1990 THRU 1999

YEAR	PROPERTY DAMAGE ONLY CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES	TOTAL INJURIES	TOTAL FATALITIES
1990	1985	2060	158	4203	3272	181
1991	1772	1793	124	3689	2840	144
1992	1639	1727	93	3459	2717	103
1993	1630	1544	79	3253	2554	89
1994	1312	1357	105	2774	2247	114
1995	1319	1443	106	2868	2315	119
1996	1511	1628	123	3262	2628	135
1997	1657	1681	116	3454	2747	124
1998	1736	1711	126	3573	2696	146
1999	1898	1826	110	3834	2897	122



ALCOHOL RELATED CRASHES BY TYPE 1999



1997-1999 STATEWIDE ALCOHOL INVOLVED CRASHES
TOTALS BY COUNTY AND YEAR

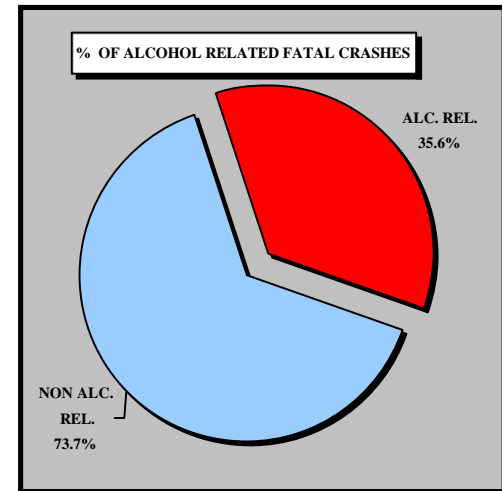
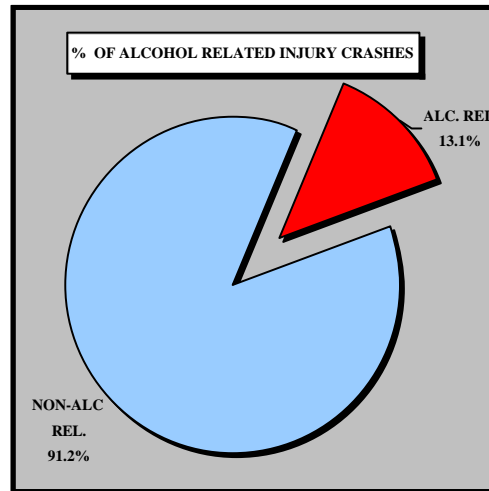
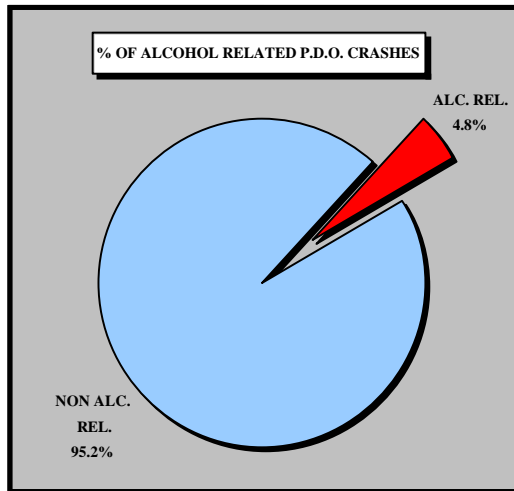
COUNTY	1997						1998						1999					
	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY. CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY. CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY. CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
CARSON	81	53	25	43	3	3	72	41	31	36	0	0	73	44	28	42	1	1
CHURCHILL	55	30	23	35	2	2	51	25	22	36	4	5	46	24	19	25	3	3
CLARK	2,307	1,047	1,199	1,996	61	64	2,487	1,149	1,249	2,024	89	99	2,772	1,346	1,366	2,218	60	64
DOUGLAS	81	44	32	56	5	5	69	44	23	39	2	2	69	35	31	54	3	3
ELKO	99	61	32	45	6	7	85	49	33	47	3	3	81	53	26	37	2	2
ESMERALDA	9	2	6	6	1	1	7	1	4	7	2	2	5	2	2	7	1	2
EUREKA	16	3	10	20	3	3	11	8	2	3	1	1	12	3	6	10	3	3
HUMBOLDT	42	20	18	29	4	4	39	25	11	15	3	10	37	15	17	26	5	5
LANDER	21	10	9	12	2	3	14	6	6	11	2	2	9	5	2	4	2	2
LINCOLN	11	5	4	9	2	2	11	3	6	11	2	3	9	2	4	9	3	3
LYON	36	17	17	25	2	2	53	23	27	40	3	3	40	16	22	38	2	2
MINERAL	12	7	3	10	2	2	15	11	4	5	0	0	6	4	2	3	0	0
NYE	47	20	23	38	4	6	53	28	23	35	2	2	42	17	17	29	8	14
PERSHING	10	2	5	14	3	3	19	9	8	11	2	2	14	5	7	12	2	2
STOREY	17	9	8	10	0	0	7	3	4	6	0	0	11	6	5	5	0	0
WASHOE	582	308	260	390	14	15	564	304	250	361	10	10	593	315	264	375	14	15
WHITE PINE	28	19	7	9	2	2	16	7	8	9	1	2	15	6	8	12	1	1
TOTAL	3,454	1,657	1,681	2,747	116	124	3,573	1,736	1,711	2,696	126	146	3,834	1,898	1,826	2,906	110	122

THESE CRASHES ARE BASED ON DRIVER 1 AND/OR PEDESTRIAN ALCOHOL INVOLVEMENT.

1999 ALCOHOL RELATED CRASHES BY COUNTY

COUNTY	TOTAL CRASHES	TOTAL ALC. REL. CRASHES	% OF TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL ALC. REL. P.D.O. CRASHES	% OF TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL ALC. REL. INJURY CRASHES	% OF TOTAL INJURY CRASHES	TOTAL FATAL CRASHES	TOTAL ALC. REL. FATAL CRASHES	% OF TOTAL FATAL CRASHES	TOTAL INJURIES	TOTAL ALC. REL. INJURIES	% OF TOTAL INJURIES	TOTAL FATALITIES	TOTAL ALC. REL. FATALITIES	% OF TOTAL FATALITIES
CARSON	1,128	73	6.47%	826	44	5.33%	299	28	9.36%	3	1	33.33%	401	42	10.47%	3	1	33.33%
CHURCHILL	531	46	8.66%	376	24	6.38%	146	19	13.01%	9	3	33.33%	213	25	11.74%	10	3	30.00%
CLARK	44,117	2,772	6.28%	29,145	1,346	4.62%	14,798	1,366	9.23%	174	60	34.48%	23,024	2,218	9.63%	195	64	32.82%
DOUGLAS	707	69	9.76%	502	35	6.97%	199	31	15.58%	6	3	50.00%	300	54	18.00%	6	3	50.00%
ELKO	1,196	81	6.77%	903	53	5.87%	269	26	9.67%	24	2	8.33%	488	37	7.58%	28	2	7.14%
ESMERALDA	72	5	6.94%	44	2	4.55%	25	2	8.00%	3	1	33.33%	45	7	15.56%	6	2	33.33%
EUREKA	113	12	10.62%	76	3	3.95%	33	6	18.18%	4	3	75.00%	54	10	18.52%	5	3	60.00%
HUMBOLDT	457	37	8.10%	348	15	4.31%	101	17	16.83%	8	5	62.50%	145	26	17.93%	8	5	62.50%
LANDER	143	9	6.29%	97	5	5.15%	43	2	4.65%	3	2	66.67%	62	4	6.45%	4	2	50.00%
LINCOLN	147	9	6.12%	94	2	2.13%	47	4	8.51%	6	3	50.00%	87	9	10.34%	8	3	37.50%
LYON	409	40	9.78%	294	16	5.44%	111	22	19.82%	4	2	50.00%	174	38	21.84%	4	2	50.00%
MINERAL	120	6	5.00%	87	4	4.60%	29	2	6.90%	4	0	0.00%	48	3	6.25%	5	0	0.00%
NYE	518	42	8.11%	372	17	4.57%	132	17	12.88%	14	8	57.14%	201	29	14.43%	20	14	70.00%
PERSHING	135	14	10.37%	88	5	5.68%	42	7	16.67%	5	2	40.00%	86	12	13.95%	5	2	40.00%
STOREY	89	11	12.36%	69	6	8.70%	20	5	25.00%	0	0	0.00%	27	5	18.52%	0	0	0.00%
WASHOE	8,922	593	6.65%	6,374	315	4.94%	2,510	264	10.52%	38	14	36.84%	3,581	375	10.47%	41	15	36.59%
WHITE PINE	271	15	5.54%	209	6	2.87%	58	8	13.79%	4	1	25.00%	84	12	14.29%	4	1	25.00%
TOTAL	59,075	3,834	6.49%	39,904	1,898	4.76%	18,862	1,826	9.68%	309	110	35.60%	29,020	2,906	10.01%	352	122	34.66%

THESE ALCOHOL RELATED CRASH TOTALS ARE BASED ON ANY DRIVER 1 OR PEDESTRIAN ALCOHOL INVOLVEMENT.



ALCOHOL INVOLVED INJURY AND FATAL CRASHES
BY COUNTY, DAY AND TIME

STATEWIDE

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON	6				1		2		2		7		6		4	1
CHURCHILL	3	1	3				2		3	1	1		3		4	1
CLARK	215	16	152	4	87	5	61	1	107	3	193	5	274	18	277	8
DOUGLAS	2	1			2		3		1		5	1	11	1	7	
ELKO	5		2			1		1	4		7		4		4	
ESMERALDA											2	1				
EUREKA	1	1		1			2		1		1				2	
HUMBOLDT	2	1	2		1	1		1	1		3	1	4		4	1
LANDER	1								1		1					1
LINCOLN	1						1	1	1	1		1	1			
LYON			2		1		1		2		4	1	6		6	1
MINERAL									2							
NYE	3	2	1	1						1	4	2	3	1	6	1
PERSHING	1		1	1			3					1			2	
STOREY									1				1		3	
WASHOE	40	2	26	1	13	2	6	1	21	1	41	1	63	3	54	3
WHITE PINE	2	1	1				2						1		2	
TOTAL	282	25	190	8	105	9	83	5	147	7	267	16	377	23	375	17

SUNDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON	1										1		2		1	1
CHURCHILL	1								1						1	
CLARK	49	3	36	1	26	1	14		24	1	35	2	38	4	39	
DOUGLAS							1				1	1	1			
ELKO	3										1		1		1	
ESMERALDA											1					
EUREKA				1			1					1			1	
HUMBOLDT			1			1									1	
LANDER									1							
LINCOLN																
LYON													2		1	1
MINERAL																
NYE		1		1						1					1	1
PERSHING																
STOREY																
WASHOE	11		9		4				2		10		8	1	3	1
WHITE PINE	1															
TOTAL	66	4	46	3	30	2	16		28	2	49	4	52	5	49	4

**ALCOHOL INVOLVED INJURY AND FATAL CRASHES
BY COUNTY, DAY AND TIME**

MONDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON	1								1		3					
CHURCHILL			1										1			
CLARK	25	1	18	1	10	1	9		13		23		30	4	25	1
DOUGLAS							1						3			
ELKO													1			
ESMERALDA																
EUREKA																
HUMBOLDT													2			
LANDER																
LINCOLN									1							
LYON											1				1	
MINERAL																
NYE		1									1				1	
PERSHING															1	
STOREY																
WASHOE	3		2		1		1		3		3		8		10	1
WHITE PINE							1									
TOTAL	29	2	21	1	11	1	12		18		31		45	4	38	2

TUESDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON					1		1									
CHURCHILL	1									1					1	
CLARK	18	4	12		6	1	3		13		17		29	2	27	1
DOUGLAS															1	
ELKO	2					1		1	2		1					
ESMERALDA																
EUREKA	1						1									
HUMBOLDT															2	
LANDER																
LINCOLN													1			
LYON											2	1			1	
MINERAL									1							
NYE	1										1					
PERSHING																
STOREY																
WASHOE	4	2	1		1	1	1		1		5		8		7	
WHITE PINE		1													1	
TOTAL	27	7	13		8	3	6	1	17	1	26	1	38	2	40	1

ALCOHOL INVOLVED INJURY AND FATAL CRASHES
BY COUNTY, DAY AND TIME

WEDNESDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON											1					
CHURCHILL																
CLARK	18	2	11		5	2	7	1	10		25		28	2	29	1
DOUGLAS	2										2		2		1	
ELKO																
ESMERALDA																
EUREKA									1						1	
HUMBOLDT								1			1		1			
LANDER	1															
LINCOLN							1	1								
LYON									1				1			
MINERAL									1							
NYE													1			
PERSHING			1				1								1	
STOREY									1				1		1	
WASHOE	5		2		2		1		3		6		7		4	
WHITE PINE			1										1		1	
TOTAL	26	2	15		7	2	10	3	17		35		42	2	38	1

THURSDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON									1							
CHURCHILL		1														1
CLARK	26		14		4		7		13		17	1	34	1	14	2
DOUGLAS					2						2		4		2	
ELKO															1	
ESMERALDA																
EUREKA																
HUMBOLDT									1		1					
LANDER																
LINCOLN										1						
LYON									1							
MINERAL																
NYE											2	2	1		1	
PERSHING	1															
STOREY																
WASHOE	1		4	1					3		4		9		9	
WHITE PINE							1									
TOTAL	28	1	18	1	6		8		19	1	26	3	48	1	27	3

**ALCOHOL INVOLVED INJURY AND FATAL CRASHES
BY COUNTY, DAY AND TIME**

FRIDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON	1										2		1			
CHURCHILL	1						1								2	
CLARK	31	2	27	1	11		10		12	1	40		63	2	67	3
DOUGLAS														1	2	
ELKO			1						1		5				1	
ESMERALDA																
EUREKA		1														
HUMBOLDT	1	1														1
LANDER												1				1
LINCOLN																
LYON			2		1								3		2	
MINERAL																
NYE	1												1		2	
PERSHING				1								1				
STOREY																
WASHOE	5		3				1	1	4		7		7		13	1
WHITE PINE																
TOTAL	40	4	33	2	12		12	1	17	1	54	2	75	3	89	6

SATURDAY

COUNTY	12:AM TO 2:59AM		3:00AM TO 5:59AM		6:00AM TO 8:59AM		9:00AM TO 11:59AM		12:00PM TO 2:59PM		3:00PM TO 5:59PM		6:00PM TO 8:59PM		9:00PM TO 11:59PM	
	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
CARSON	3						1						3		3	
CHURCHILL			2				1		2		1		2			
CLARK	48	4	34	1	25		11		22	1	36	2	52	3	76	
DOUGLAS		1						1	1				1		1	
ELKO			1						1				2		1	
ESMERALDA											1	1				
EUREKA																
HUMBOLDT	1		1		1						1	1	1		1	
LANDER																
LINCOLN	1											1				
LYON							1				1				1	
MINERAL																
NYE	1		1											1	1	
PERSHING							2									
STOREY															2	
WASHOE	11		5		5	1	2		5	1	6	1	16	2	8	
WHITE PINE	1															
TOTAL	66	5	44	1	31	1	19		31	2	46	6	77	6	94	

1997-1999 STATEWIDE DRUG INVOLVED CRASHES
TOTALS BY COUNTY AND YEAR

COUNTY	1997						1998						1999					
	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY. CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY. CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY. CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
CARSON	2	1			1	1	4	2	2	4			2	2				
CHURCHILL	4	1	3	5									6	1	3	5	2	3
CLARK	113	37	62	100	14	15	100	55	37	65	8	9	148	61	64	110	23	23
DOUGLAS	2		1	1	1	1	8	4	4	7			2	1	1	1		
ELKO	4	3	1	1			3	1	2	4			1			4	1	1
ESMERALDA													1			1	1	1
EUREKA																		
HUMBOLDT	2	1	1	2			2	1	1	1			1		1	4		
LANDER	1		1	1														
LINCOLN	2		1	3	1	1	1		1	2			1		1	1		
LYON	2	1		3	1	1							2	1	1	3		
MINERAL	3	1	1	5	1	2							1	1				
NYE	2		2	3			2		2	4			1		1	1		
PERSHING																		
STOREY																		
WASHOE	24	8	12	21	4	4	25	21	3	8	1	1	23	14	8	10	1	1
WHITE PINE	2	1	1	1									2	2				
TOTAL	163	54	86	146	23	25	145	84	52	95	9	10	191	83	80	140	28	29

NOT ALL DRIVERS IN CRASHES ARE TESTED FOR DRUG USE.

TOTALS ARE BASED ON SAFETY ENGINEERING'S RECORDS OF DRIVER 1'S CONDITION AND/OR PEDESTRIAN DRUG CONDITION.

D.U.I. CRASH TOTALS AND RATES BY SEVERITY 1990 THRU 1999

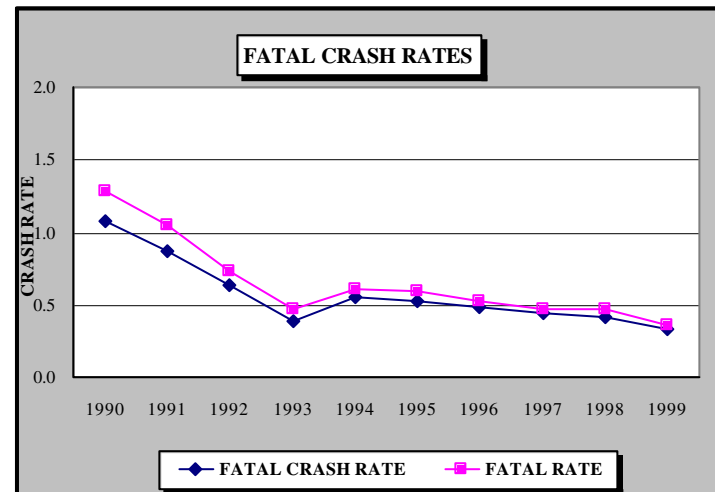
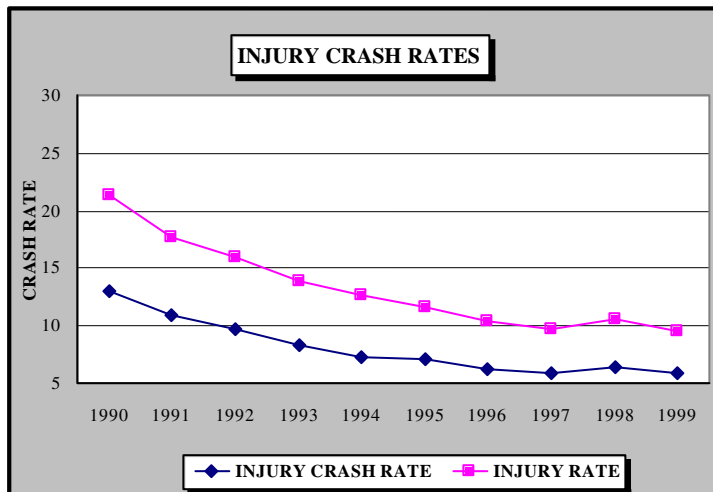
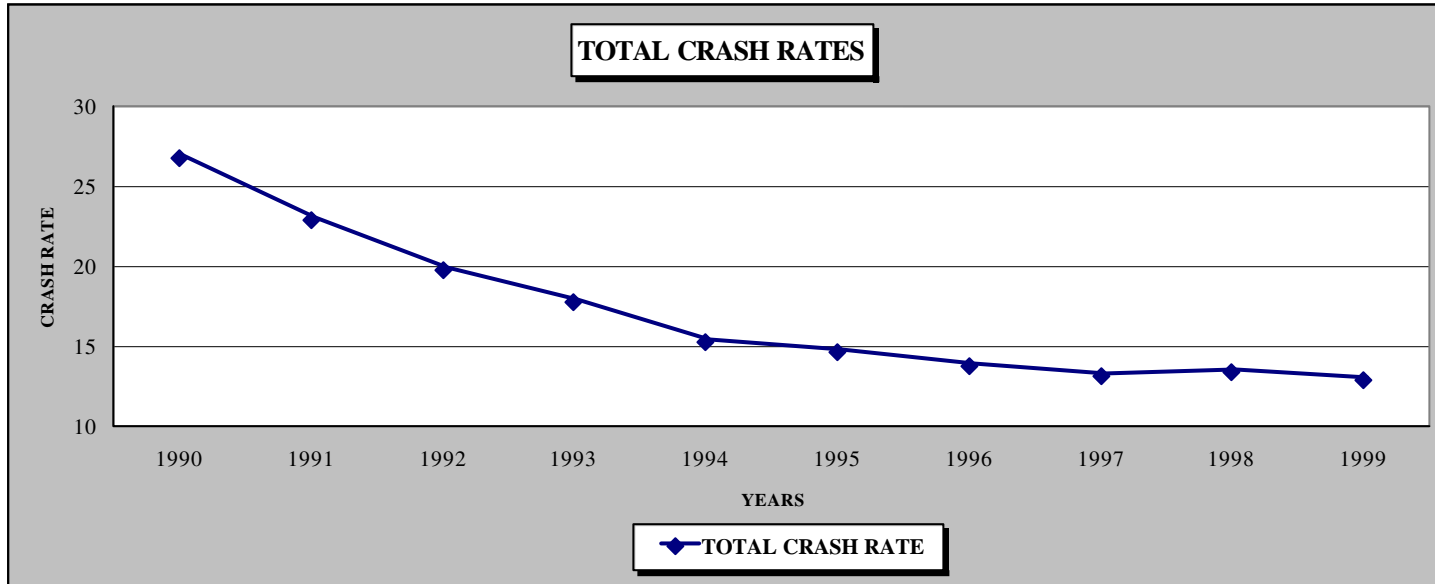
YEAR	PROPERTY DAMAGE ONLY CRASHES	P.D.O. CRASH RATE	INJURY CRASHES	INJURY CRASH RATE	FATAL CRASHES	FATAL CRASH RATE	TOTAL CRASHES	TOTAL CRASH RATE	TOTAL INJURIES	TOTAL INJURIES RATE	TOTAL FATALITIES	TOTAL FATALITIES RATE
1990	1281	12.59	1327	13.04	110	1.08	2718	26.71	2177	21.39	130	1.28
1991	1163	11.07	1144	10.89	91	0.87	2398	22.82	1850	17.60	110	1.05
1992	1019	9.34	1064	9.76	69	0.63	2152	19.73	1731	15.87	79	0.72
1993	1061	9.11	966	8.29	45	0.39	2072	17.79	1616	13.87	54	0.46
1994	961	7.38	955	7.34	71	0.55	1987	15.26	1636	12.57	79	0.61
1995	982	7.03	987	7.06	74	0.53	2041	14.60	1624	11.62	83	0.59
1996	1093	6.98	985	6.29	76	0.49	2154	13.76	1616	10.32	83	0.53
1997	1107	6.78	970	5.94	71	0.43	2143	13.13	1581	9.68	77	0.47
1998	1074	6.53	1062	6.46	69	0.42	2205	13.42	1723	10.48	76	0.46
1999	1166	6.65	1036	5.91	59	0.34	2261	12.89	1683	9.59	62	0.35

THESE CRASHES ARE BASED ON DRIVER 1 DRIVING UNDER THE INFLUENCE*.

*BAC \geq 0.10%

CRASH RATES PER 100 MILLION VEHICLE MILES.

D.U.I. CRASH RATES 1990 THRU 1999



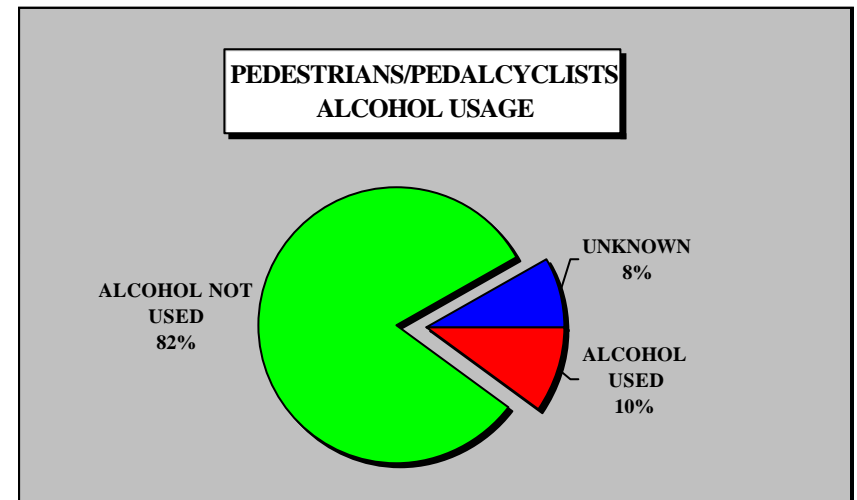
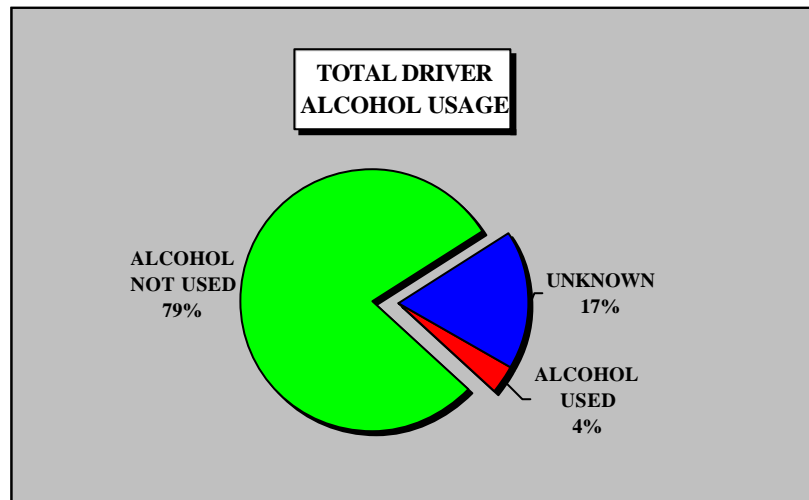
THESE CRASHES ARE BASED ON DRIVER 1 DRIVING UNDER THE INFLUENCE*.
 *BAC ≥ 0.10%
 CRASH RATES PER 100 MILLION VEHICLE MILES.

**STATEWIDE DRIVER AND PEDESTRIAN ALCOHOL CONDITION
DRIVER CONDITION
1999**

DRIVER CONDITION	DRIVERS IN P.D.O. CRASHES	DRIVERS IN INJURY CRASHES	DRIVERS IN FATAL CRASHES	DRIVERS IN TOTAL. CRASHES
ALCOHOL USED	1,927	1,713	97	3,737
ALCOHOL NOT USED	54,295	28,964	286	83,545
UNKNOWN	15,120	2,408	6	17,534
TOTAL	71,342	33,085	389	104,816

PEDESTRIAN/PEDALCYCLIST CONDITION

PEDESTRIAN/PEDALCYCLIST CONDITION	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
ALCOHOL USED	157	21	178
ALCOHOL NOT USED	1,394	44	1,438
UNKNOWN	141	2	143
TOTAL	1,692	67	1,759



DRIVER TOTALS ARE BASED ON DRIVER 1 AND DRIVER 2 CONDITIONS.

PEDESTRIAN TOTALS ARE BASED ON THE 1ST PEDESTRIAN/PEDALCYCLIST INVOLVED IN THE CRASH.

DRIVERS WITH DRUG CONDITIONS ARE NOT INCLUDED IN THESE TOTALS.

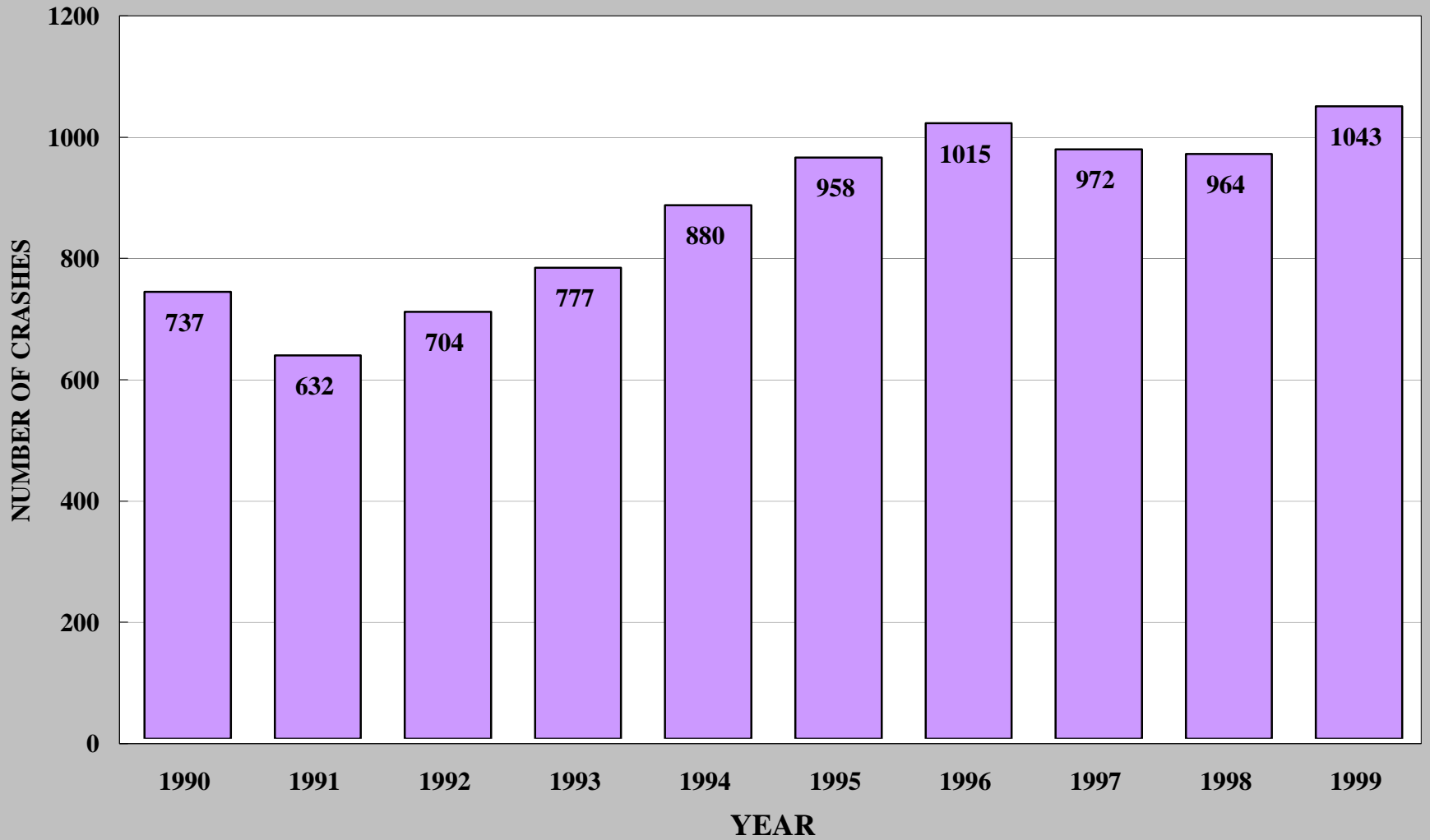
BICYCLE & PEDESTRIAN CRASHES

This section presents a series of data displays which identify pedestrian crashes by action and severity; top 10 pedestrian actions in crashes; statewide pedestrian crash totals in relation to day, time, month, year, county, age and sex; alcohol involvement. It also displays information in regard to bicycle crashes in relation to day, time, month year, county, age, and sex.

1999 SUMMARY ANALYSIS

- ◆ In 1999 there were 1043 crashes involving pedestrians. As a result, 1,086 people were injured and 71 were killed. In 288 or 28% of the crashes, the pedestrians were jaywalking (crossing not at an intersection where there was no crosswalk).
- ◆ The number of pedestrian fatalities rose from 60 in 1997 to 71 in 1999.
- ◆ In 1999 most pedestrian crashes occurred from Noon to 9:00 PM with a peak from 3:00-6:00 PM.
- ◆ Pedestrians were more likely to be struck on Friday or Wednesday in 1999. The least likely day to be struck was Sunday.
- ◆ More 35-44 year old males were injured in pedestrian crashes more than any other age group. The next highest age group for males was ages 10-15.
- ◆ More 10-15 year old females were injured in pedestrian crashes than any other age group for their gender. The next highest age group for females was 25-34.
- ◆ Bicycle fatalities caused by crashes with motor vehicles have stayed the same with 8 in 1997 & 1999. Total injuries have decreased during the same time period from 794 to 788.
- ◆ Friday and Tuesday had the most bicycle/vehicle crashes in 1999 followed by Wednesday. Most bicycle/vehicle crashes occur from Noon to 9:00 PM with a peak from 3:00 PM to 6:00 PM, similar to the pedestrian statistics above.

TEN YEAR TREND OF PEDESTRIAN CRASHES

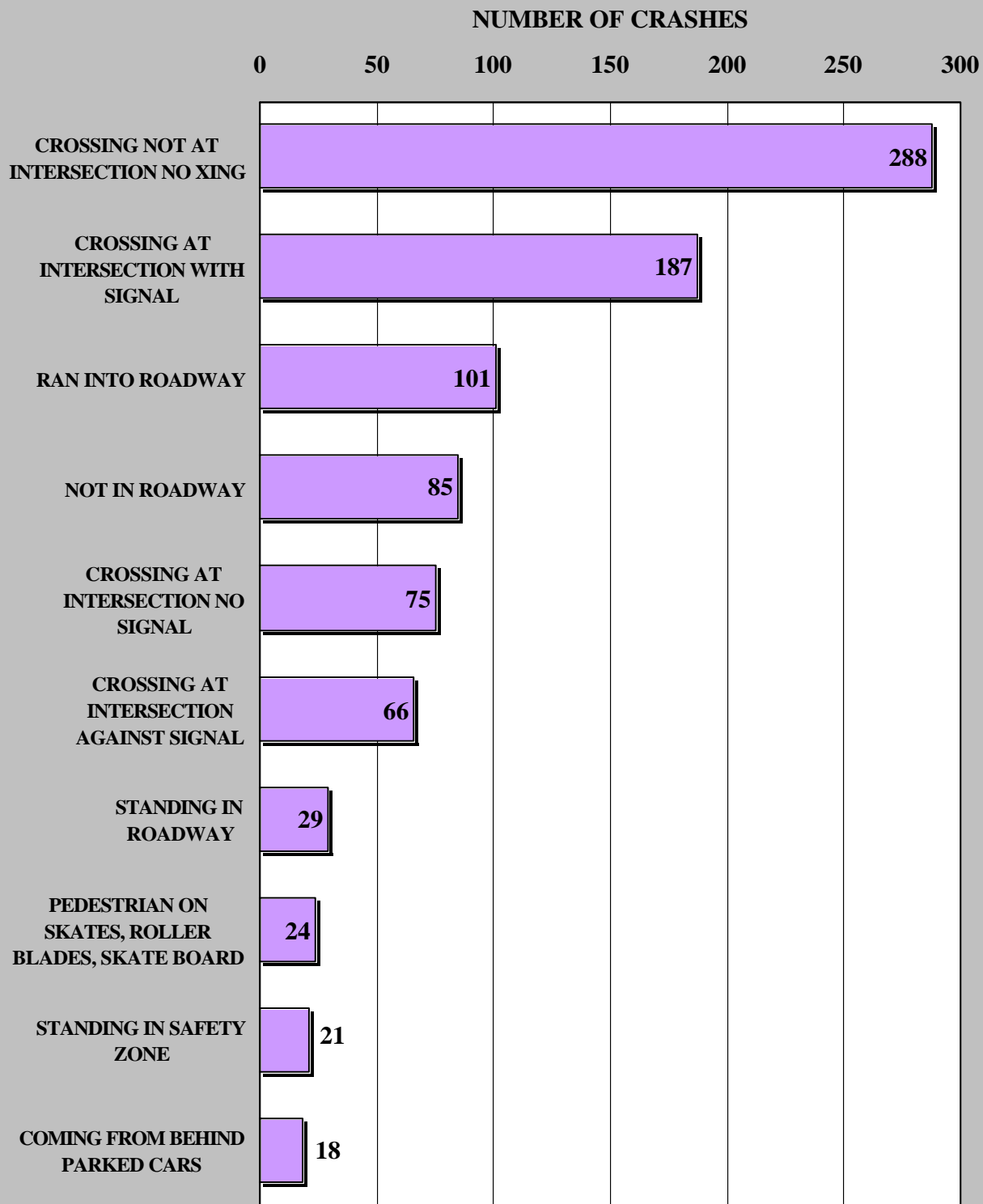


**PEDESTRIAN CRASHES
BY ACTION AND SEVERITY**

PEDESTRIAN ACTION	TOTAL CRASHES	INJURY CRASHES	TOTAL* INJURIES	FATAL CRASHES	TOTAL* FATALITIES
CROSSING NOT AT INTERSECTION NO XING	288	255	269	33	34
CROSSING AT INTERSECTION WITH SIGNAL	187	186	209	1	1
RAN INTO ROADWAY	101	96	100	5	5
NOT IN ROADWAY	85	82	111	3	4
CROSSING AT INTERSECTION NO SIGNAL	75	73	80	2	2
CROSSING AT INTERSECTION AGAINST SIGNAL	66	63	68	3	3
STANDING IN ROADWAY	29	23	27	6	7
PEDESTRIAN ON SKATES, ROLLER BLADES, SKATE BOARD	24	24	25	0	0
STANDING IN SAFETY ZONE	21	21	26	0	0
COMING FROM BEHIND PARKED CARS	18	18	18	0	0
CROSSING NOT AT INTER./ MARKED CROSSWALKS	18	18	20	0	0
WALK/RIDING IN ROADWAY WITH TRAFFIC/SIDEWALKS	16	13	15	3	3
HITCHING ON VEHICLE	16	15	18	1	1
WORKING IN ROADWAY	15	13	18	2	2
PEDESTRIAN IN WHEELCHAIR	14	13	14	1	1
WALK/RIDING IN ROADWAY WITH TRAFFIC/NO SIDEWALK	12	6	6	6	6
CROSSING AT INTERSECTION - NO MARKED CROSSWALKS	9	9	10	0	0
GETTING IN OR OUT OF OTHER VEHICLE	6	6	7	0	0
CROSSING AT INTERSECTION DIAGONALLY	5	5	5	0	0
WALK/RIDING IN ROADWAY AGAINST TRAFFIC/SIDEWALK	5	5	5	0	0
PUSHING OR WORKING ON VEHICLE	5	5	5	0	0
PEDESTRIAN FALLS - LYING IN ROADWAY	5	5	5	0	0
LYING ON ROADWAY	4	3	3	1	1
OTHER	4	4	5	0	0
UNKNOWN	5	5	8	0	0
PLAYING IN ROADWAY	3	3	3	0	0
WALK/RIDING IN ROADWAY AGAINST TRAFFIC/NO SIDEWALK	2	2	2	0	0
PEDESTRIAN ENTERING OR EXITING STRIKING VEHICLE	2	2	2	0	0
INATTENTIVE (TALKING, EATING, ETC.)	2	1	1	1	1
PUSHED INTO ROADWAY	1	1	1	0	0
RIDING A MOPED	0	0	0	0	0
RIDING A HORSE	0	0	0	0	0
CROSSING AT INTERSECTION - DIAG. - NO XING	0	0	0	0	0
STANDING IN MEDIAN AREA	0	0	0	0	0
PEDESTRIAN FALLS - LYING ON SIDEWALK	0	0	0	0	0
TOTAL	1,043	975	1,086	68	71

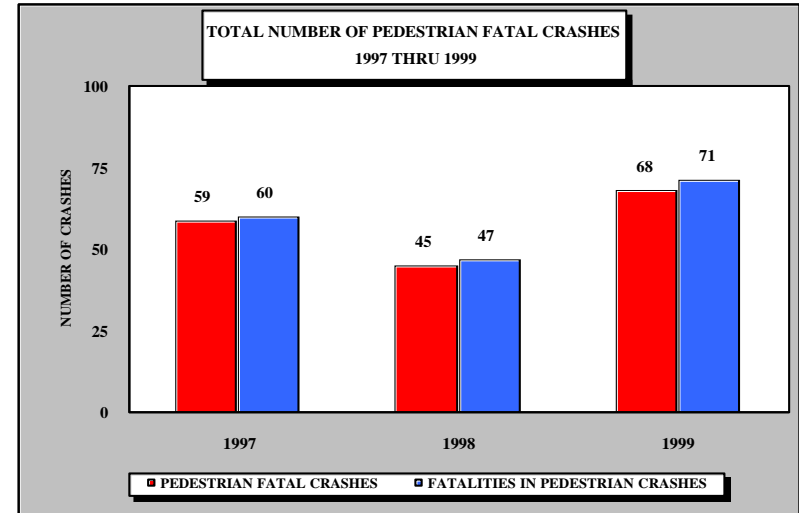
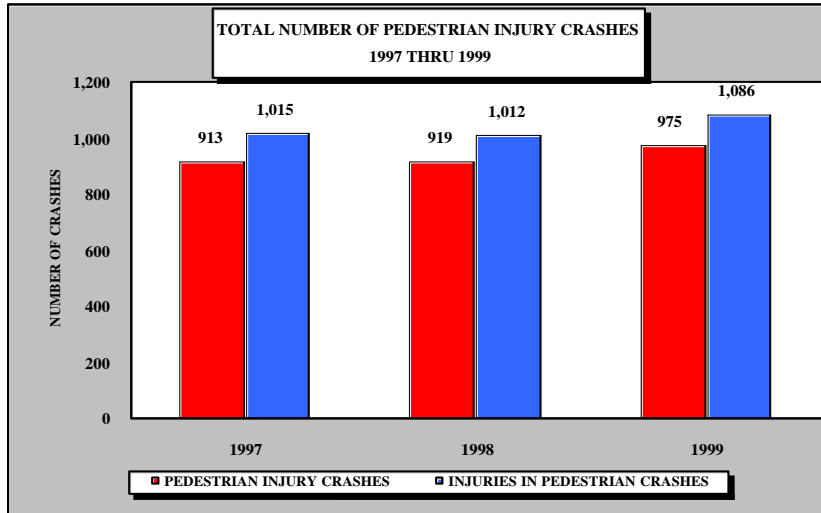
* INJURIES/FATALITIES MAY INCLUDE VEHICLE OCCUPANTS

TOP TEN PEDESTRIAN ACTIONS IN PEDESTRIAN CRASHES



1997-1999 STATEWIDE PEDESTRIAN CRASHES
TOTALS BY MONTH AND YEAR

MONTH	1997				1998				1999			
	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
JANUARY	89	101	7	7	77	86	6	6	74	79	7	7
FEBRUARY	76	95	3	3	71	79	4	5	85	93	1	1
MARCH	81	91	4	4	78	92	5	6	96	104	4	5
APRIL	79	87	4	4	87	99	2	2	81	89	4	4
MAY	81	100	5	6	65	66	3	3	75	86	5	5
JUNE	84	88	3	3	83	94	4	4	73	83	7	7
JULY	62	65	2	2	80	93	3	3	70	81	7	8
AUGUST	57	62	1	1	68	71	6	6	77	81	5	6
SEPTEMBER	76	81	6	6	83	89	1	1	80	92	4	4
OCTOBER	101	109	6	6	82	89	3	3	89	103	11	11
NOVEMBER	68	72	6	6	75	78	5	5	79	84	8	8
DECEMBER	59	64	12	12	70	76	3	3	96	111	5	5
TOTAL	913	1,015	59	60	919	1,012	45	47	975	1,086	68	71

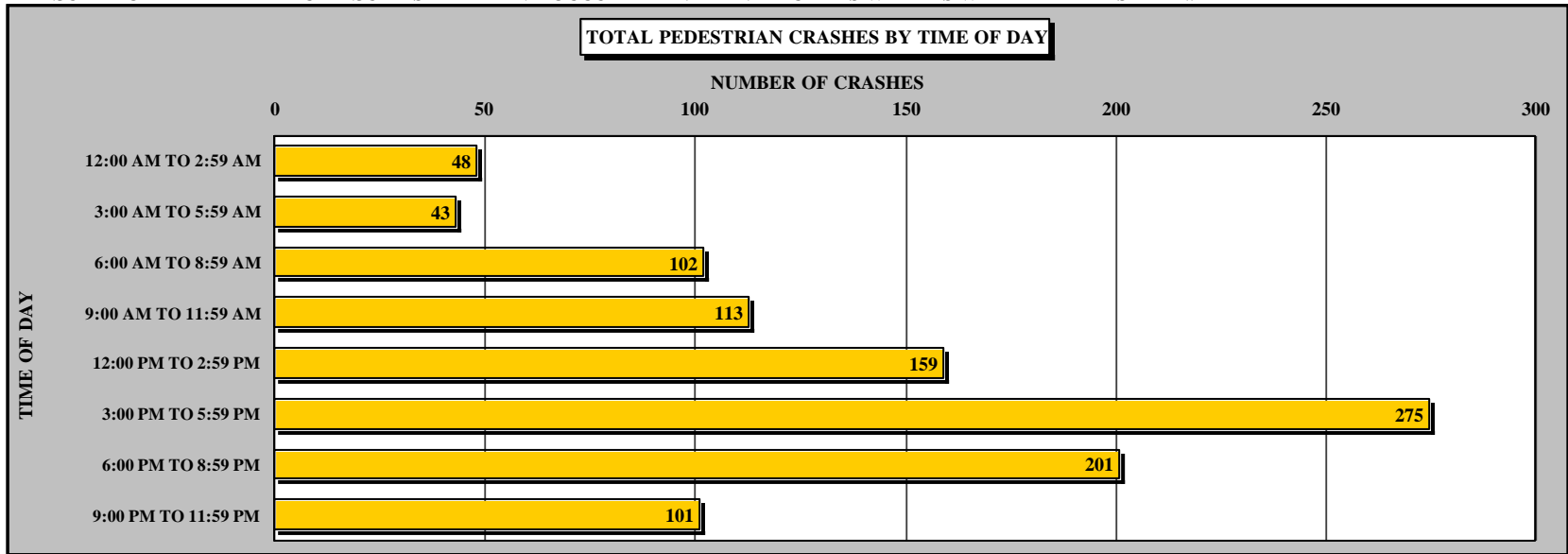


THE INJURY TOTAL MAY REFLECT INJURIES THAT MAY HAVE OCCURRED IN THE VEHICLE AS WELL AS WITH THE PEDESTRIAN.

STATEWIDE INJURY AND FATAL PEDESTRIAN CRASHES
BY DAY AND TIME

TIME	TOTAL	SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	INJURY & FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
12:00 AM TO 2:59 AM	48	9	1	2		7	7	3	3	4	1	3	1	7	
3:00 AM TO 5:59 AM	43	4	1	7		4		3		6	2	5	2	7	2
6:00 AM TO 8:59 AM	102	5	2	8		19	2	25	1	19		16		5	
9:00 AM TO 11:59 AM	113	6	2	15	1	19		17	1	18		22		11	1
12:00 PM TO 2:59 PM	159	17	1	21		28		19		22		32		18	1
3:00 PM TO 5:59 PM	275	29	1	39		42	1	53		42	3	38		27	
6:00 PM TO 8:59 PM	201	27	2	27	2	26	3	32	5	19	1	32	3	19	3
9:00 PM TO 11:59 PM	101	12	2	11	1	10	2	7	1	5	2	20	3	24	1
TOTAL	1042	109	12	130	4	155	15	159	11	135	9	168	9	118	8

THE INJURY TOTAL MAY REFLECT INJURIES THAT HAVE OCCURRED IN THE VEHICLE AS WELL AS WITH THE PEDESTRIAN.



**PEDESTRIAN INJURIES BY
COUNTY, AGE AND SEX**

COUNTY	0-4		5-9		10-15		16-20		21-24		25-34		35-44		45-54		55-64		65-74		75+		UNKNOWN	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CARSON				1	5	1		3	1		1		2		2		2	1		1	2	1	2	1
CHURCHILL					1								1	1		1		1			1			
CLARK	18	2	42	22	65	40	30	27	24	11	84	45	85	48	54	35	35	19	20	16	15	6	38	11
DOUGLAS					1	1					1			1									2	
ELKO				1	1	1		1			1					1							1	
ESMERALDA																								
EUREKA																1								
HUMBOLDT				1	1		2					1				1								
LANDER																								
LINCOLN																								
LYON						1	1							1					1	1				
MINERAL												1												
NYE					1			1					1		1									
PERSHING						1																		
STOREY																								
WASHOE	5	2	8	2	8	15	6	7	7	5	6	6	15	12	24	8	9	10	5	4	4	1	7	3
WHITE PINE																			1					
TOTAL	23	4	50	27	83	60	39	39	32	16	93	53	104	63	81	47	46	31	27	22	22	8	50	15

**PEDESTRIAN FATALITIES BY
COUNTY, AGE AND SEX**

COUNTY	0-4		5-9		10-15		16-20		21-24		25-34		35-44		45-54		55-64		65-74		75+		UNKNOWN	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
CARSON													1							1				
CHURCHILL													1											
CLARK					2		1		2	1	3	2	8	5	7	2	6	1	3		6	1		
DOUGLAS								1							1									
ELKO											1			1										
ESMERALDA																								
EUREKA																								
HUMBOLDT																					1			
LANDER																								
LINCOLN																								
LYON																								
MINERAL													1											
NYE											1		1											
PERSHING																								
STOREY																								
WASHOE	1	1									1			2	1	2	2		1					
WHITE PINE													1											
TOTAL	1	1	0	0	2	0	1	1	2	1	6	2	11	10	9	4	8	1	4	1	7	1	0	0

THE INJURY TOTAL MAY NOT REFLECT INJURIES THAT OCCURRED IN THE VEHICLE.

**1997-1999 STATEWIDE PEDESTRIAN CRASHES
TOTALS BY COUNTY AND YEAR**

COUNTY	1997				1998				1999			
	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
CARSON	26	30	3	3	29	30	1	1	26	27	2	2
CHURCHILL	3	3	0	0	0	1	1	2	5	6	1	2
CLARK	683	761	45	46	713	785	31	31	743	832	47	48
DOUGLAS	11	11	1	1	7	7	0	0	4	7	2	2
ELKO	12	13	1	1	13	14	2	2	7	7	2	2
ESMERALDA	0	0	1	1	0	0	0	0	0	0	0	0
EUREKA	0	0	0	0	0	0	0	0	1	1	0	0
HUMBOLDT	3	3	2	2	4	4	0	0	6	6	1	1
LANDER	1	1	0	0	0	0	0	0	0	0	0	0
LINCOLN	0	0	0	0	1	1	0	0	0	0	0	0
LYON	2	2	0	0	5	6	0	0	5	5	0	0
MINERAL	1	1	0	0	0	0	0	0	1	1	1	1
NYE	5	5	0	0	2	2	0	0	4	4	2	2
PERSHING	1	1	0	0	1	1	0	0	1	1	0	0
STOREY	1	1	0	0	0	0	0	0	0	0	0	0
WASHOE	163	182	6	6	143	158	9	9	171	188	9	10
WHITE PINE	1	1	0	0	1	3	1	2	1	1	1	1
TOTAL	913	1,015	59	60	919	1,012	45	47	975	1,086	68	71

THE INJURY TOTAL MAY REFLECT INJURIES THAT MAY HAVE OCCURRED IN THE VEHICLE AS WELL AS WITH THE PEDESTRIAN.

**1997-1999 STATEWIDE BICYCLE CRASHES
TOTALS BY COUNTY AND YEAR**

COUNTY	1997				1998				1999			
	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
CARSON	25	25	1	1	19	19	0	0	31	31	0	0
CHURCHILL	6	6	0	0	2	2	0	0	2	2	0	0
CLARK	569	584	5	5	555	573	3	3	582	610	7	7
DOUGLAS	7	7	0	0	9	9	1	1	8	8	0	0
ELKO	15	16	0	0	12	12	0	0	14	16	0	0
ESMERALDA	0	0	0	0	0	0	0	0	0	0	0	0
EUREKA	1	1	0	0	0	0	0	0	0	0	0	0
HUMBOLDT	5	6	0	0	6	6	0	0	6	6	0	0
LANDER	1	1	0	0	1	1	0	0	0	0	0	0
LINCOLN	1	1	0	0	0	0	0	0	0	0	0	0
LYON	1	1	0	0	6	6	0	0	2	2	0	0
MINERAL	2	2	0	0	2	2	0	0	0	0	0	0
NYE	5	5	0	0	2	2	0	0	2	2	0	0
PERSHING	1	1	0	0	2	2	0	0	1	1	0	0
STOREY	0	0	0	0	0	0	0	0	0	0	0	0
WASHOE	135	136	2	2	107	113	1	1	108	110	1	1
WHITE PINE	2	2	0	0	7	7	0	0	0	0	0	0
TOTAL	776	794	8	8	730	754	5	5	756	788	8	8

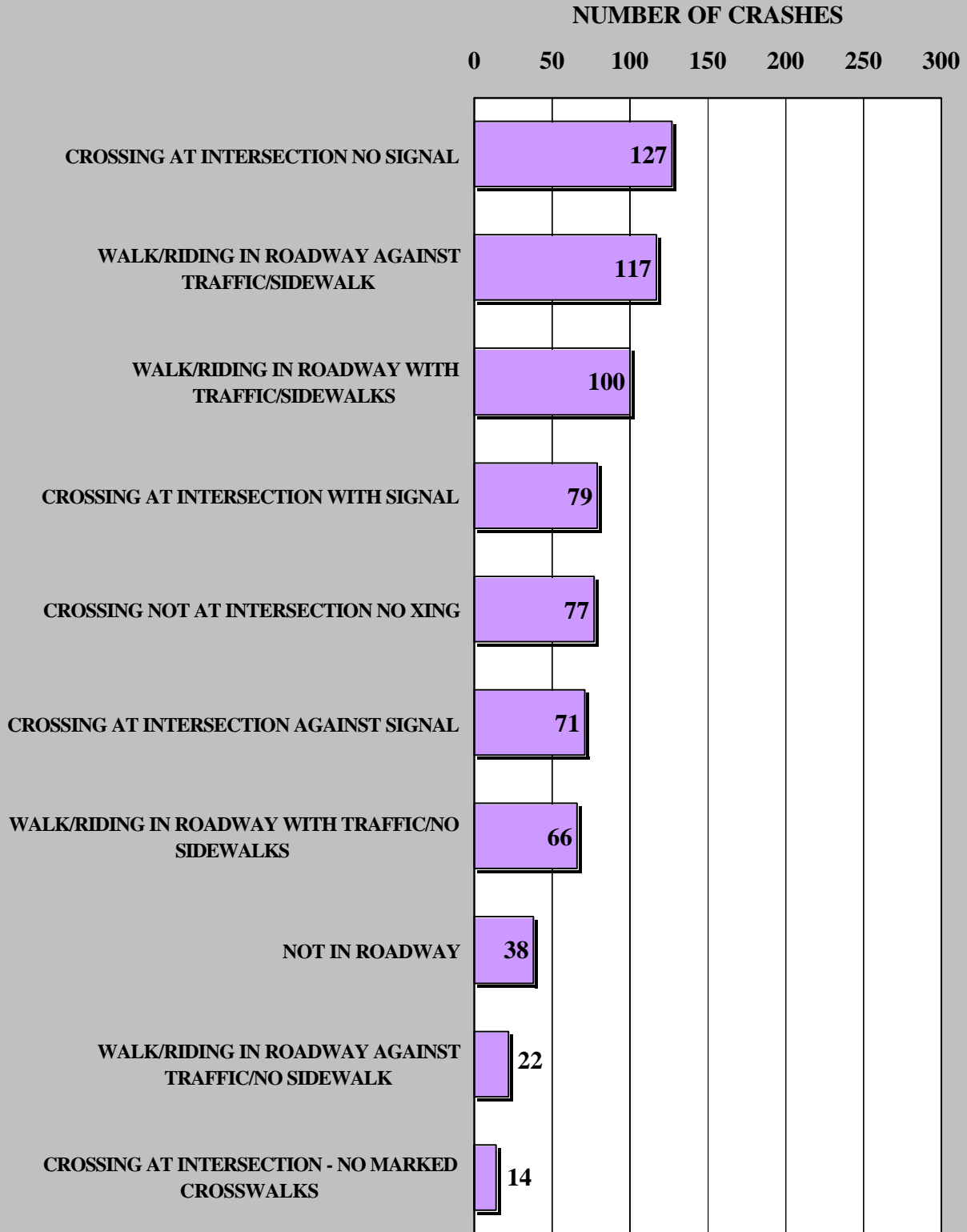
THE INJURY TOTAL MAY REFLECT INJURIES THAT HAVE OCCURRED IN THE VEHICLE AS WELL AS WITH CYCLISTS.

PEDALCYCLE CRASHES BY ACTION AND SEVERITY

PEDALCYCLE ACTION	TOTAL CRASHES	INJURY CRASHES	TOTAL* INJURIES	FATAL CRASHES	TOTAL* FATALITIES
CROSSING AT INTERSECTION NO SIGNAL	127	127	130	0	0
WALK/RIDING IN ROADWAY AGAINST TRAFFIC/SIDEWALK	117	117	118	0	0
WALK/RIDING IN ROADWAY WITH TRAFFIC/SIDEWALKS	100	97	102	3	3
CROSSING AT INTERSECTION WITH SIGNAL	79	79	81	0	0
CROSSING NOT AT INTERSECTION NO XING	77	77	81	0	0
CROSSING AT INTERSECTION AGAINST SIGNAL	71	70	75	1	1
WALK/RIDING IN ROADWAY WITH TRAFFIC/NO SIDEWALKS	66	63	65	3	3
NOT IN ROADWAY	38	38	45	0	0
WALK/RIDING IN ROADWAY AGAINST TRAFFIC/NO SIDEWALK	22	21	22	1	1
CROSSING AT INTERSECTION - NO MARKED CROSSWALKS	14	14	15	0	0
RIDING ON PEDALCYCLE	11	11	11	0	0
COMING FROM BEHIND PARKED CARS	9	9	10	0	0
STANDING IN SAFETY ZONE	7	7	7	0	0
RAN INTO ROADWAY	7	7	7	0	0
CROSSING NOT AT INTER./ MARKED CROSSWALKS	6	6	6	0	0
CROSSING AT INTERSECTION DIAGONALLY	4	4	4	0	0
UNKNOWN	3	3	3	0	0
PEDESTRIAN ENTERING OR EXITING STRIKING VEHICLE	2	2	2	0	0
OTHER	2	2	2	0	0
HITCHING ON VEHICLE	1	1	1	0	0
STANDING IN ROADWAY	1	1	1	0	0
GETTING IN OR OUT OF OTHER VEHICLE	0	0	0	0	0
PLAYING IN ROADWAY	0	0	0	0	0
LYING ON ROADWAY	0	0	0	0	0
PUSHED INTO ROADWAY	0	0	0	0	0
CROSSING AT INTERSECTION - DIAG. - NO XING	0	0	0	0	0
STANDING IN MEDIAN AREA	0	0	0	0	0
INATTENTIVE (TALKING, EATING, ETC.)	0	0	0	0	0
TOTAL	764	756	788	8	8

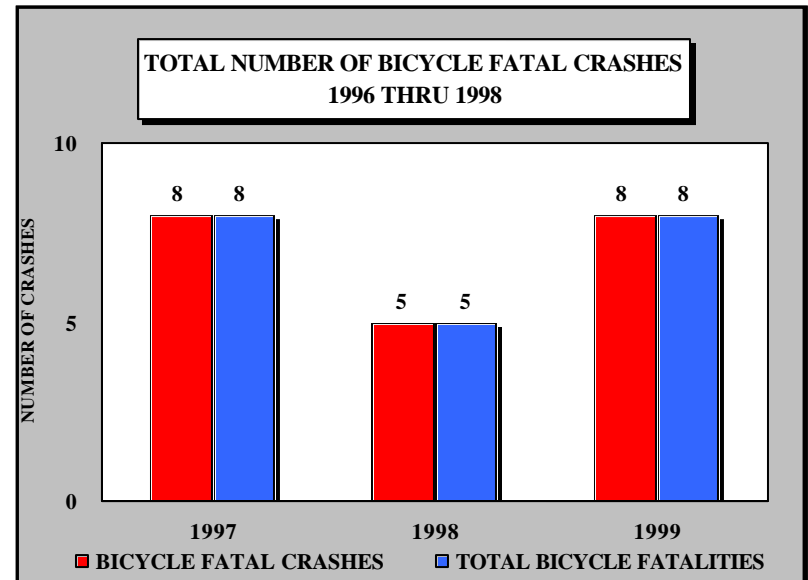
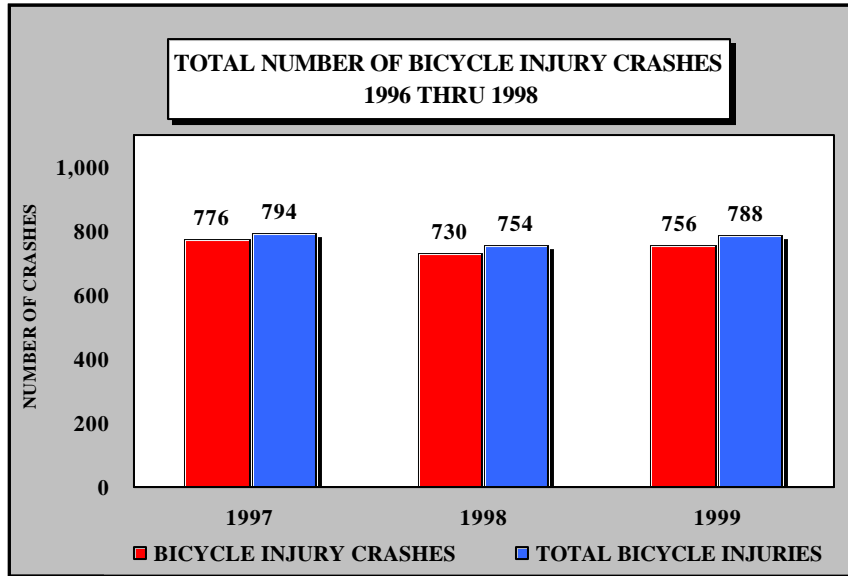
* INJURIES/FATALITIES MAY INCLUDE VEHICLE OCCUPANTS

TOP TEN PEDALCYCLE ACTIONS IN PEDALCYCLE CRASHES



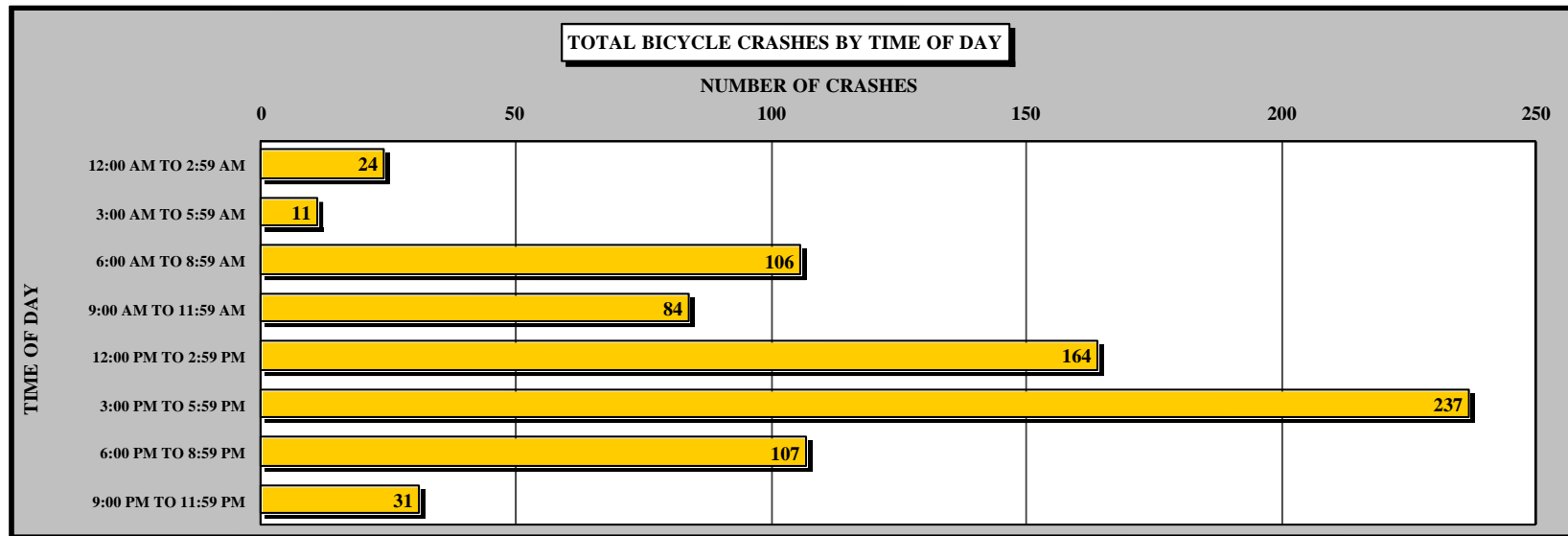
1997-1999 STATEWIDE BICYCLE CRASHES TOTALS BY MONTH AND YEAR

MONTH	1997				1998				1999			
	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
JANUARY	45	46	0	0	43	44	0	0	31	33	0	0
FEBRUARY	55	55	0	0	31	32	0	0	54	57	0	0
MARCH	54	54	0	0	63	64	2	2	65	69	3	3
APRIL	68	68	0	0	51	54	0	0	50	52	0	0
MAY	85	87	1	1	63	64	0	0	65	68	0	0
JUNE	81	82	2	2	74	77	3	3	63	66	0	0
JULY	81	88	1	1	78	79	0	0	74	76	0	0
AUGUST	66	67	0	0	68	71	0	0	69	74	0	0
SEPTEMBER	77	78	0	0	84	89	0	0	91	91	2	2
OCTOBER	77	81	3	3	79	83	0	0	81	84	2	2
NOVEMBER	52	53	0	0	50	50	0	0	53	55	1	1
DECEMBER	35	35	1	1	46	47	0	0	60	63	0	0
TOTAL	776	794	8	8	730	754	5	5	756	788	8	8



INJURY AND FATAL BICYCLE CRASHES BY DAY AND TIME STATEWIDE BICYCLE CRASHES

TIME	TOTAL INJURY & FATAL	SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
		INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL
12:00 AM TO 2:59 AM	24	4		2		4	1	4	1	2		3	1	2	
3:00 AM TO 5:59 AM	11	1		1		3		2		2		2			
6:00 AM TO 8:59 AM	106	3		10		24		22		15		20	1	11	
9:00 AM TO 11:59 AM	84	8	1	17		13		9		10		14		12	
12:00 PM TO 2:59 PM	164	20		24		27		26		28		18		21	
3:00 PM TO 5:59 PM	237	20		30		32		42		41		50		22	
6:00 PM TO 8:59 PM	107	11	2	19		21		12		12	1	16		13	
9:00 PM TO 11:59 PM	31	3		4		3		5		7		7		2	
UNKNOWN															
TOTAL	764	70	3	107	0	127	1	122	1	117	1	130	2	83	0



TIME AND ENVIRONMENT

This section presents a series of data displays which identify statewide traffic crash totals by year, month, day and time; number of crashes during holiday periods; light and weather conditions; posted speed limits at crash locations; speed related crash; animal crashes and crashes by season.

1999 SUMMARY ANALYSIS

- ◆ The month of October tends to have the most injury and fatal crashes, looking at 1997 through 1999. February tends to have the least injury and fatal crashes.
- ◆ Friday, followed by Wednesday, have the most crashes by day of week for 1999.
- ◆ Most fatal crashes tended to occur on Friday and Sunday in 1999.

- ◆ The most deadly six hours of the day in 1999 were from 7:00 PM to 1:00 AM. One hundred and twenty-one of the 309 fatal crashes occurred during that period. Eighty-six occurred from 1:00 PM to 7:00 PM, 53 from 7:00 AM to 1:00 PM and 49 from 1:00 AM to 7:00 AM. The most deadly hour was from 12:00AM to 1:00 AM with 57 fatal crashes occurring during that hour.

- ◆ The most deadly holiday period over the past three years was Nevada Day. Seventeen people died on the highway during that time. The next most deadly was New Years and Memorial Day, with 14 recorded deaths.

- ◆ The Memorial Day holiday period recorded the most fatal crashes involving alcohol over the last 3 years.

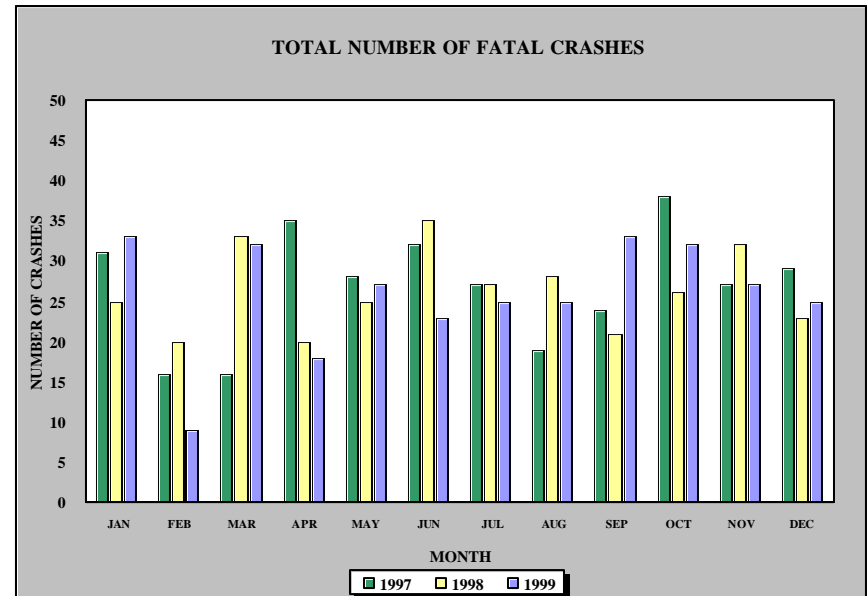
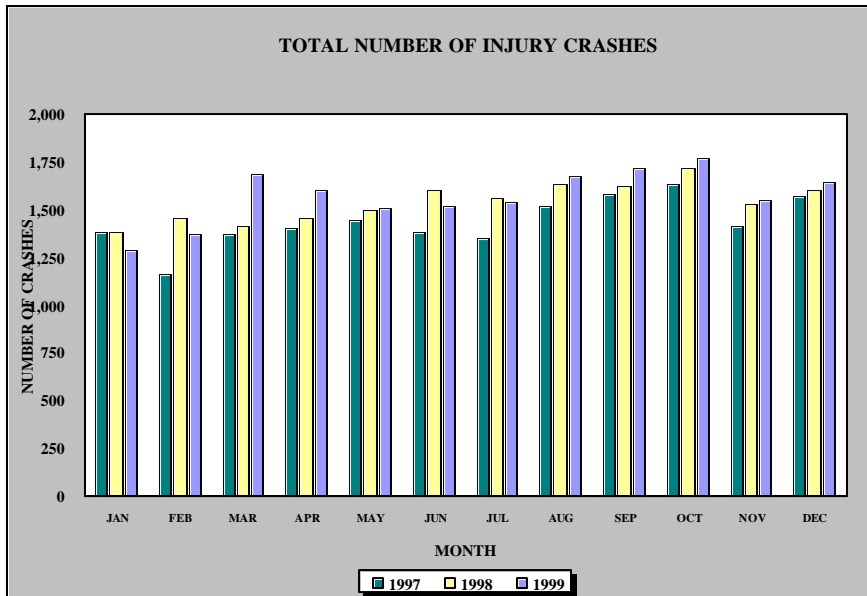
- ◆ Most crashes occur during daylight hours. The highest number of crashes occurs in clear weather conditions. The majority of crashes occur in areas where the speed limit is posted at 35 mph.

- ◆ From 1997 through 1999, most fatal crash locations occurred in the areas where the speed limit was posted at 45 mph.

- ◆ During the same time period, the most injury crashes occurred in areas with a 35-mph speed limit.

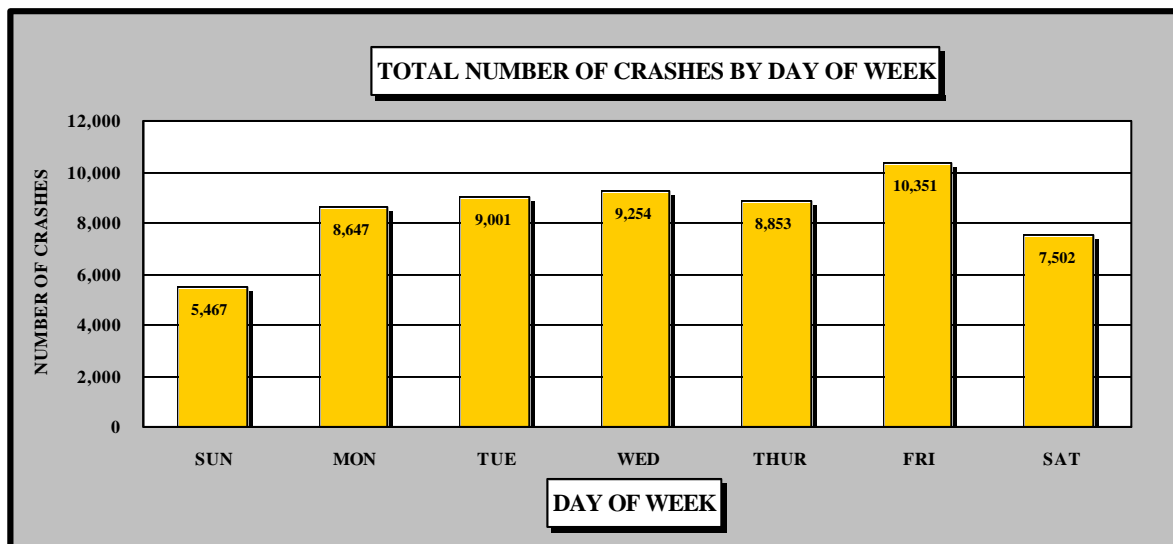
1997 THRU 1999 STATEWIDE TRAFFIC CRASH TOTALS
BY MONTH AND YEAR

COUNTY	1997						1998						1999					
	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
JANUARY	5,342	3,928	1,383	2,083	31	31	4,717	3,311	1,381	2,059	25	27	4,265	2,944	1,288	1,989	33	33
FEBRUARY	4,303	3,128	1,159	1,849	16	18	4,926	3,448	1,458	2,182	20	22	4,429	3,047	1,373	2,105	9	10
MARCH	4,757	3,370	1,371	2,196	16	19	4,556	3,111	1,412	2,080	33	40	5,269	3,552	1,685	2,538	32	38
APRIL	4,849	3,409	1,405	2,247	35	37	4,634	3,163	1,451	2,267	20	21	5,094	3,476	1,600	2,464	18	20
MAY	4,972	3,499	1,445	2,328	28	32	4,810	3,283	1,502	2,325	25	28	4,673	3,140	1,506	2,325	27	30
JUNE	4,911	3,494	1,385	2,213	32	33	4,960	3,318	1,607	2,498	35	40	4,826	3,286	1,517	2,298	23	29
JULY	4,877	3,495	1,355	2,203	27	29	5,033	3,445	1,561	2,455	27	30	4,947	3,379	1,543	2,413	25	30
AUGUST	5,040	3,504	1,517	2,398	19	23	5,089	3,423	1,638	2,538	28	40	5,095	3,393	1,677	2,714	25	32
SEPTEMBER	4,876	3,270	1,582	2,404	24	27	5,111	3,465	1,625	2,544	21	26	5,178	3,428	1,717	2,738	33	37
OCTOBER	5,212	3,536	1,638	2,517	38	39	5,375	3,628	1,721	2,589	26	27	5,240	3,443	1,765	2,662	32	35
NOVEMBER	4,648	3,206	1,415	2,182	27	28	4,952	3,388	1,532	2,438	32	35	4,819	3,241	1,551	2,349	27	32
DECEMBER	5,183	3,581	1,573	2,455	29	31	5,563	3,941	1,599	2,425	23	25	5,240	3,575	1,640	2,425	25	26
TOTAL	58,970	41,420	17,228	27,075	322	347	59,726	40,924	18,487	28,400	315	361	59,075	39,904	18,862	29,020	309	352



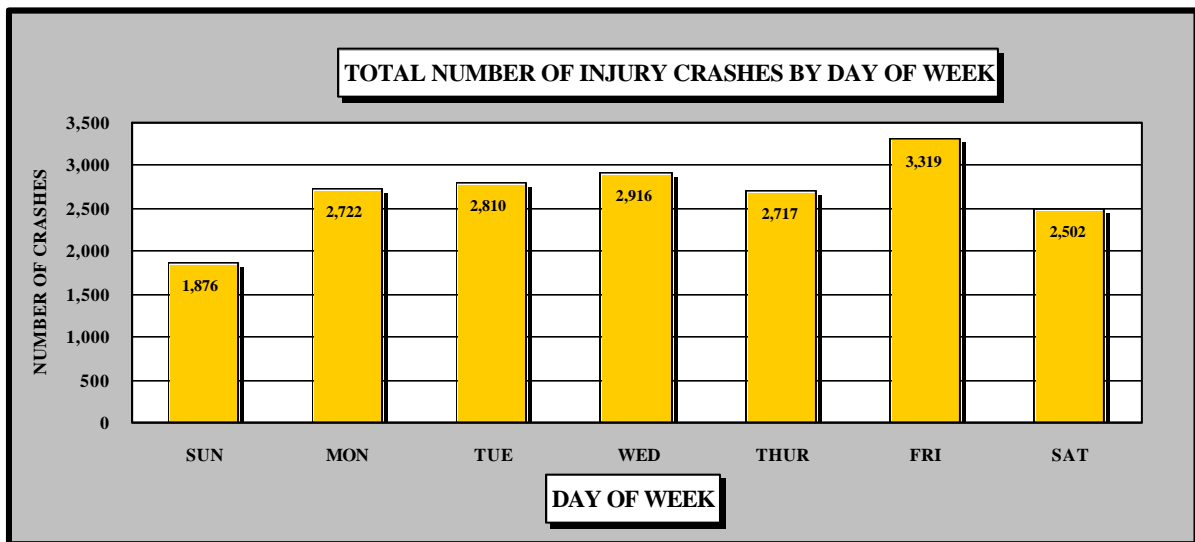
**1999 TOTAL CRASHES
BY TIME OF DAY AND DAY OF WEEK**

TIME OF DAY	DAY OF WEEK							
	TOTAL	SUN	MON	TUE	WED	THUR	FRI	SAT
MIDNIGHT TO 12:59 AM	1,530	248	205	182	208	180	233	274
1:00 AM TO 1:59 AM	693	162	70	79	76	62	105	139
2:00 AM TO 2:59 AM	544	117	63	56	51	52	85	120
3:00 AM TO 3:59 AM	563	127	55	49	51	78	84	119
4:00 AM TO 4:59 AM	559	114	80	49	57	66	83	110
5:00 AM TO 5:59 AM	854	113	121	136	128	121	116	119
6:00 AM TO 6:59 AM	1,638	120	239	299	307	276	266	131
7:00 AM TO 7:59 AM	2,885	138	433	547	560	503	505	199
8:00 AM TO 8:59 AM	2,585	149	398	461	460	435	438	244
9:00 AM TO 9:59 AM	2,331	182	375	356	411	309	382	316
10:00 AM TO 10:59 AM	2,535	222	393	352	374	393	395	406
11:00 AM TO 11:59 AM	3,183	240	493	483	507	468	528	464
12:00 PM TO 12:59 PM	3,808	337	571	599	599	588	651	463
1:00 PM TO 1:59 PM	3,839	358	538	619	576	556	703	489
2:00 PM TO 2:59 PM	4,536	376	691	733	712	670	812	542
3:00 PM TO 3:59 PM	5,272	381	867	870	847	791	995	521
4:00 PM TO 4:59 PM	5,049	370	800	795	860	810	889	525
5:00 PM TO 5:59 PM	5,182	346	843	845	914	852	898	484
6:00 PM TO 6:59 PM	3,344	349	480	517	494	486	590	428
7:00 PM TO 7:59 PM	2,120	264	243	286	286	295	413	333
8:00 PM TO 8:59 PM	1,781	245	251	201	254	268	290	272
9:00 PM TO 9:59 PM	1,571	194	178	185	210	229	294	281
10:00 PM TO 10:59 PM	1,434	173	147	168	170	220	305	251
11:00 PM TO 11:59 PM	1,216	139	110	132	139	142	287	267
UNKNOWN	23	3	3	2	3	3	4	5
TOTAL	59,075	5,467	8,647	9,001	9,254	8,853	10,351	7,502



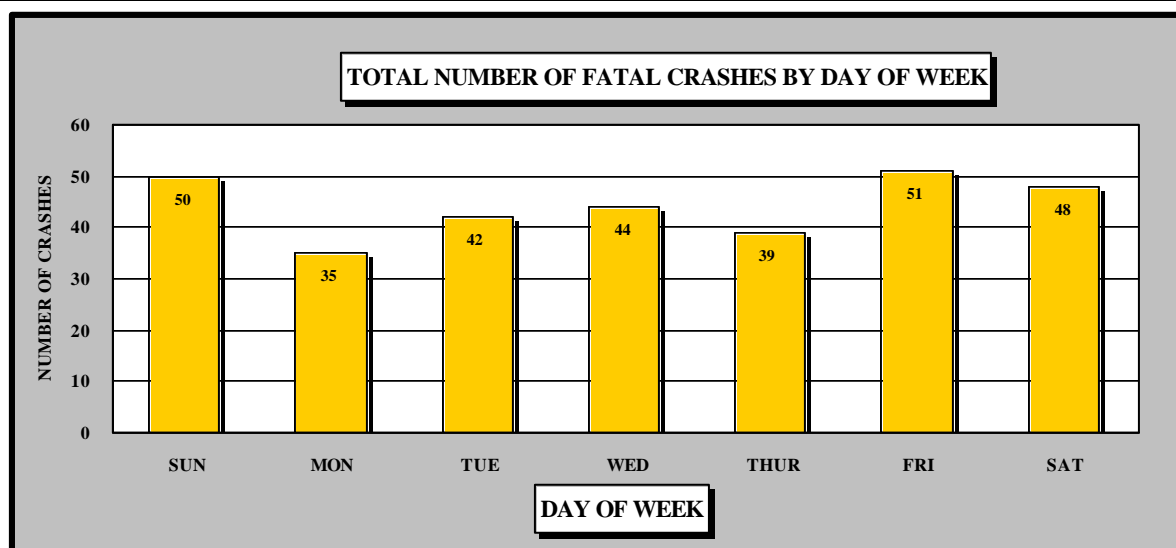
**1999 INJURY CRASHES
BY TIME OF DAY AND DAY OF WEEK**

TIME OF DAY	DAY OF WEEK							
	TOTAL	SUN	MON	TUE	WED	THUR	FRI	SAT
MIDNIGHT TO 12:59 AM	421	69	49	57	49	55	64	78
1:00 AM TO 1:59 AM	239	55	22	29	20	28	36	49
2:00 AM TO 2:59 AM	181	42	17	16	17	20	25	44
3:00 AM TO 3:59 AM	187	36	24	16	14	21	31	45
4:00 AM TO 4:59 AM	170	44	18	15	16	18	28	31
5:00 AM TO 5:59 AM	273	35	39	39	43	39	39	39
6:00 AM TO 6:59 AM	468	38	69	80	86	71	77	47
7:00 AM TO 7:59 AM	832	44	112	174	153	130	151	68
8:00 AM TO 8:59 AM	803	49	109	136	149	127	148	85
9:00 AM TO 9:59 AM	702	54	122	94	125	84	131	92
10:00 AM TO 10:59 AM	777	71	128	118	107	110	113	130
11:00 AM TO 11:59 AM	952	86	140	136	147	138	160	145
12:00 PM TO 12:59 PM	1,167	121	169	164	205	167	197	144
1:00 PM TO 1:59 PM	1,153	122	178	175	173	150	206	149
2:00 PM TO 2:59 PM	1,390	98	229	217	214	213	255	164
3:00 PM TO 3:59 PM	1,695	142	273	272	278	238	316	176
4:00 PM TO 4:59 PM	1,651	138	248	259	264	273	276	193
5:00 PM TO 5:59 PM	1,860	138	297	304	310	298	337	176
6:00 PM TO 6:59 PM	1,193	137	175	186	177	157	208	153
7:00 PM TO 7:59 PM	730	83	91	87	107	103	146	113
8:00 PM TO 8:59 PM	619	96	72	75	91	102	87	96
9:00 PM TO 9:59 PM	544	63	64	60	80	74	93	110
10:00 PM TO 10:59 PM	462	66	44	60	41	59	110	82
11:00 PM TO 11:59 PM	391	49	33	41	50	42	84	92
UNKNOWN	2	0	0	0	0	0	1	1
TOTAL	18,862	1,876	2,722	2,810	2,916	2,717	3,319	2,502



**1999 FATAL CRASHES
BY TIME OF DAY AND DAY OF WEEK**

TIME OF DAY	DAY OF WEEK							
	TOTAL	SUN	MON	TUE	WED	THUR	FRI	SAT
MIDNIGHT TO 12:59 AM	57	10	5	10	10	7	10	5
1:00 AM TO 1:59 AM	8	1	2	3	0	0	1	1
2:00 AM TO 2:59 AM	3	0	1	1	0	0	0	1
3:00 AM TO 3:59 AM	10	4	1	0	0	1	2	2
4:00 AM TO 4:59 AM	6	0	1	0	1	2	1	1
5:00 AM TO 5:59 AM	10	2	1	3	0	0	2	2
6:00 AM TO 6:59 AM	12	2	1	4	4	0	1	0
7:00 AM TO 7:59 AM	9	2	1	0	1	0	3	2
8:00 AM TO 8:59 AM	6	1	0	1	2	1	0	1
9:00 AM TO 9:59 AM	9	3	1	0	2	1	1	1
10:00 AM TO 10:59 AM	11	1	3	1	2	2	1	1
11:00 AM TO 11:59 AM	12	2	2	1	2	1	3	1
12:00 PM TO 12:59 PM	6	0	1	2	0	0	1	2
1:00 PM TO 1:59 PM	7	2	2	1	1	1	0	0
2:00 PM TO 2:59 PM	12	2	1	1	0	4	2	2
3:00 PM TO 3:59 PM	15	3	0	2	2	2	3	3
4:00 PM TO 4:59 PM	19	2	1	2	3	6	2	3
5:00 PM TO 5:59 PM	14	0	2	0	1	2	4	5
6:00 PM TO 6:59 PM	19	1	3	1	4	1	2	7
7:00 PM TO 7:59 PM	16	3	1	3	2	3	2	2
8:00 PM TO 8:59 PM	15	4	2	1	5	0	1	2
9:00 PM TO 9:59 PM	15	2	2	2	1	2	4	2
10:00 PM TO 10:59 PM	8	2	1	0	0	2	1	2
11:00 PM TO 11:59 PM	10	1	0	3	1	1	4	0
UNKNOWN	0	0	0	0	0	0	0	0
TOTAL	309	50	35	42	44	39	51	48



NUMBER OF CRASHES DURING HOLIDAY TIME PERIODS BY SEVERITY
1997 THRU 1999

HOLIDAYS	*HOLIDAY PERIOD STARTING		*HOLIDAY PERIOD ENDING		# OF DAYS	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL FATAL CRASHES	TOTAL INJURIES	TOTAL FATALITIES
	DATE	TIME	DATE	TIME							
NEW YEARS DAY	12/31/96	6 PM	01/02/97	05:59 AM	2.5	117	79	37	1	68	1
	12/31/97	6 PM	01/05/98	05:59 AM	4.5	616	414	195	7	318	9
	12/31/98	6PM	01/04/99	05:59 AM	3.5	403	280	117	6	212	6
MLK JR. DAY	01/17/97	6 PM	01/21/97	05:59 AM	3.5	409	273	133	3	212	3
	01/16/98	6 PM	01/20/98	05:59 AM	3.5	428	295	132	1	217	1
	01/15/99	6 PM	01/19/99	05:59 AM	3.5	405	268	133	4	210	4
PRESIDENTS DAY	02/14/97	6 PM	02/18/97	05:59 AM	3.5	398	274	123	1	199	1
	02/13/98	6 PM	02/17/98	05:59 AM	3.5	634	456	178	0	271	0
	02/12/99	6 PM	02/16/99	05:59 AM	3.5	419	269	149	1	247	1
MEMORIAL DAY	05/23/97	6 PM	05/27/97	05:59 AM	3.5	400	272	120	8	220	8
	05/22/98	6 PM	05/26/98	05:59 AM	3.5	400	259	139	2	224	2
	05/28/99	6 PM	06/01/99	05:59 AM	3.5	416	270	142	4	237	5
4TH OF JULY	07/03/97	6 PM	07/07/97	05:59 AM	5.5	370	252	116	2	236	2
	07/02/98	6 PM	07/06/98	05:59 AM	3.5	472	320	150	2	247	4
	07/02/99	6 PM	07/06/99	05:59 AM	3.5	399	252	142	5	264	6
LABOR DAY	08/30/96	6 PM	09/02/97	05:59 AM	4.5	363	252	110	1	175	1
	08/29/98	6 PM	09/08/98	05:59 AM	3.5	381	234	142	5	259	7
	09/03/99	6 PM	09/07/99	05:59 AM	3.5	430	290	139	1	257	1
NEVADA DAY	10/30/97	6 PM	11/03/97	05:59 AM	3.5	460	300	155	5	232	6
	10/29/98	6 PM	11/02/98	05:59 AM	3.5	531	341	186	4	297	4
	10/29/99	6 PM	11/02/99	05:59 AM	3.5	487	325	154	8	247	9
VETERANS DAY	11/10/97	6 PM	11/12/97	05:59 AM	1.5	195	128	67	0	100	0
	11/10/98	6 PM	11/12/98	05:59 AM	1.5	218	155	63	0	103	0
	11/10/99	6 PM	11/15/99	05:59 AM	4.5	654	433	214	7	346	7
THANKSGIVING DAY	11/26/97	6 PM	12/01/97	05:59 AM	4.5	488	328	156	4	274	4
	11/25/98	6 PM	11/30/98	05:59 AM	4.5	561	401	158	2	272	2
	11/24/99	6 PM	11/29/99	05:59 AM	4.5	477	314	158	5	283	10
CHRISTMAS DAY	12/24/97	6 PM	12/26/97	05:59 AM	1.5	122	79	42	1	68	1
	12/24/98	6 PM	12/28/98	05:59 AM	3.5	368	248	117	3	195	3
	12/23/99	6 PM	12/27/99	05:59 AM	3.5	328	218	110	0	160	0

* THE LENGTH OF THE HOLIDAY PERIOD DEPENDS ON THE DAY ON WHICH THE LEGAL HOLIDAY FALLS, AS FOLLOWS

IF THE HOLIDAY FALLS ON MONDAY, THE HOLIDAY PERIOD IS FROM 6:00 PM FRIDAY TO 5:59: AM TUESDAY
 IF THE HOLIDAY FALLS ON TUESDAY, THE HOLIDAY PERIOD IS FROM 6:00 PM FRIDAY TO 5:59: AM WEDNESDAY.
 IF THE HOLIDAY FALLS ON WEDNESDAY, THE HOLIDAY PERIOD IS FROM 6:00 PM TUESDAY TO 5:59: AM THURSDAY
 IF THE HOLIDAY FALLS ON THURSDAY, THE HOLIDAY PERIOD IS FROM 6:00 PM WEDNESDAY TO 5:59: AM MONDAY
 IF THE HOLIDAY FALLS ON FRIDAY, THE HOLIDAY PERIOD IS FROM 6:00 PM THURSDAY TO 5:59: AM MONDAY

**NUMBER OF ALCOHOL RELATED CRASHES DURING HOLIDAY TIME PERIODS BY SEVERITY
1997 THRU 1999**

HOLIDAYS	*HOLIDAY PERIOD STARTING		*HOLIDAY PERIOD ENDING		# OF DAYS	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL FATAL CRASHES	TOTAL INJURIES	TOTAL FATALITIES
	DATE	TIME	DATE	TIME							
NEW YEARS DAY	12/31/96	6 PM	01/02/97	05:59 AM	2.5	21	9	12	0	17	0
	12/31/97	6 PM	01/05/98	05:59 AM	4.5	55	28	25	2	42	2
	12/31/98	6PM	01/04/99	05:59 AM	3.5	47	30	14	4	25	4
MLK JR. DAY	01/17/97	6 PM	01/21/97	05:59 AM	3.5	34	13	19	2	28	2
	01/16/98	6 PM	01/20/98	05:59 AM	3.5	46	24	21	1	35	1
	01/15/99	6 PM	01/19/99	05:59 AM	3.5	45	20	23	2	33	2
PRESIDENTS DAY	02/14/97	6 PM	02/18/97	05:59 AM	3.5	34	14	20	0	32	0
	02/13/98	6 PM	02/17/98	05:59 AM	3.5	46	26	20	0	33	0
	02/12/99	6 PM	02/16/99	05:59 AM	3.5	40	15	24	1	36	1
MEMORIAL DAY	05/23/97	6 PM	05/27/97	05:59 AM	3.5	47	16	26	5	50	5
	05/22/98	6 PM	05/26/98	05:59 AM	3.5	45	20	24	1	41	1
	05/28/99	6 PM	06/01/99	05:59 AM	3.5	59	34	21	4	36	5
4TH OF JULY	07/03/97	6 PM	07/07/97	05:59 AM	5.5	34	12	21	1	46	1
	07/02/98	6 PM	07/06/98	05:59 AM	3.5	58	29	29	0	45	0
	07/02/99	6 PM	07/06/99	05:59 AM	3.5	49	18	28	3	55	4
LABOR DAY	08/30/96	6 PM	09/02/97	05:59 AM	4.5	38	15	22	1	33	1
	08/29/98	6 PM	09/08/98	05:59 AM	3.5	35	14	19	2	33	3
	09/03/99	6 PM	09/07/99	05:59 AM	3.5	50	26	23	1	44	1
NEVADA DAY	10/30/97	6 PM	11/03/97	05:59 AM	3.5	49	24	24	1	39	1
	10/29/98	6 PM	11/02/98	05:59 AM	3.5	44	18	24	2	42	2
	10/29/99	6 PM	11/02/99	05:59 AM	3.5	41	24	12	5	20	6
VETERANS DAY	11/10/97	6 PM	11/12/97	05:59 AM	1.5	12	5	7	0	10	0
	11/10/98	6 PM	11/12/98	05:59 AM	1.5	10	3	7	0	8	0
	11/10/99	6 PM	11/15/99	05:59 AM	4.5	68	41	23	4	42	4
THANKSGIVING DAY	11/26/97	6 PM	12/01/97	05:59 AM	4.5	39	19	18	2	29	2
	11/25/98	6 PM	11/30/98	05:59 AM	4.5	48	21	27	0	46	0
	11/24/99	6 PM	11/29/99	05:59 AM	4.5	55	24	28	3	49	8
CHRISTMAS DAY	12/24/97	6 PM	12/26/97	05:59 AM	1.5	15	7	7	1	12	2
	12/24/98	6 PM	12/28/98	05:59 AM	3.5	18	8	10	0	17	0
	12/23/99	6 PM	12/27/99	05:59 AM	3.5	32	17	15	0	18	0

CRASH TOTALS REFLECT ANY ALCOHOL INVOLVEMENT IN THE DRIVER 1 AND/OR A PEDESTRIAN

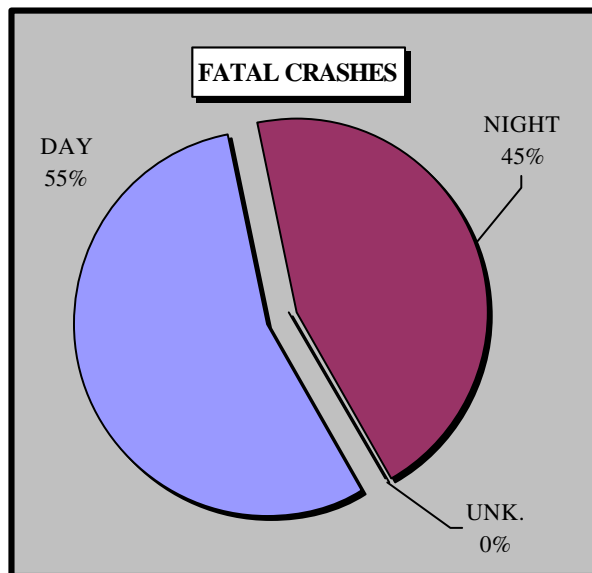
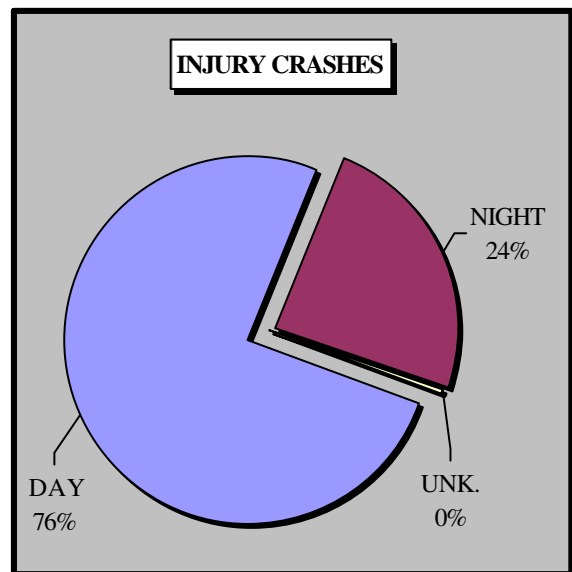
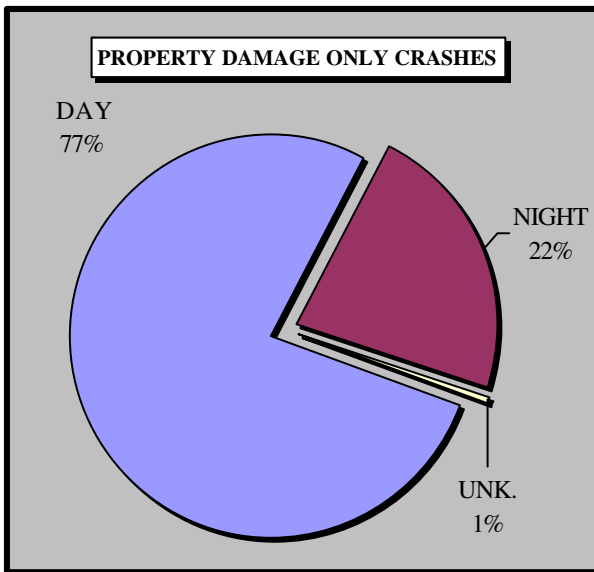
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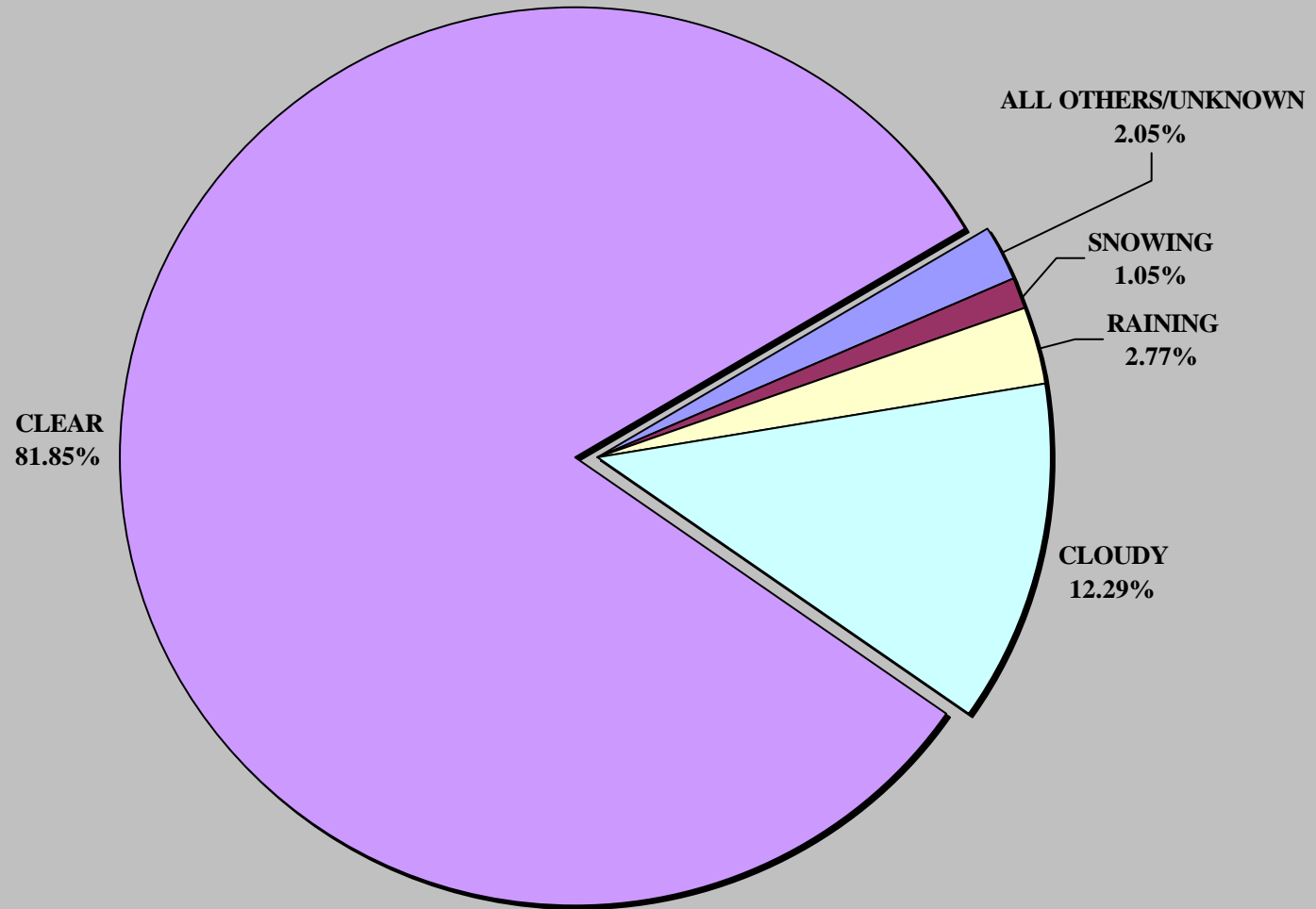
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LIGHT CONDITION BY SEVERITY

SEVERITY	DAY	NIGHT	UNK.
PROPERTY DAMAGE ONLY CRASHES	30,780	8,900	224
INJURY CRASHES	14,329	4,503	30
FATAL CRASHES	171	138	0
TOTALS	45,280	13,541	254

WHILE NIGHTTIME CRASHES WERE 22.9% OF THE TOTAL CRASHES THEY ALSO INCLUDED 44.6% OF THE FATAL CRASHES AND 23.9% OF THE INJURY CRASHES.

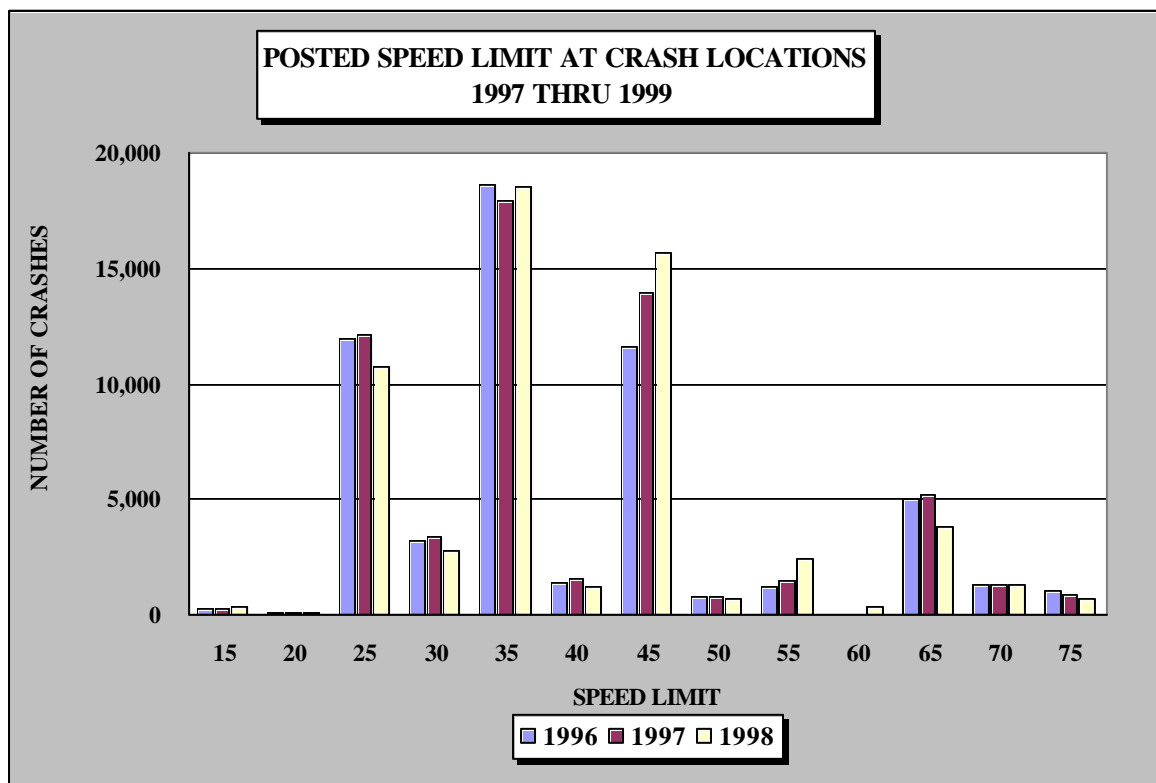


TOP 4 WEATHER CONDITIONS RELATED TO CRASHES

CLEAR WEATHER CONDITIONS PREVAILED IN 81.9% OF THE TOTAL CRASHES IN NEVADA DURING 1999. THERE WERE ALSO 1047 ACCIDENTS IN 1999 THAT HAD UNKNOWN WEATHER CONDITIONS.

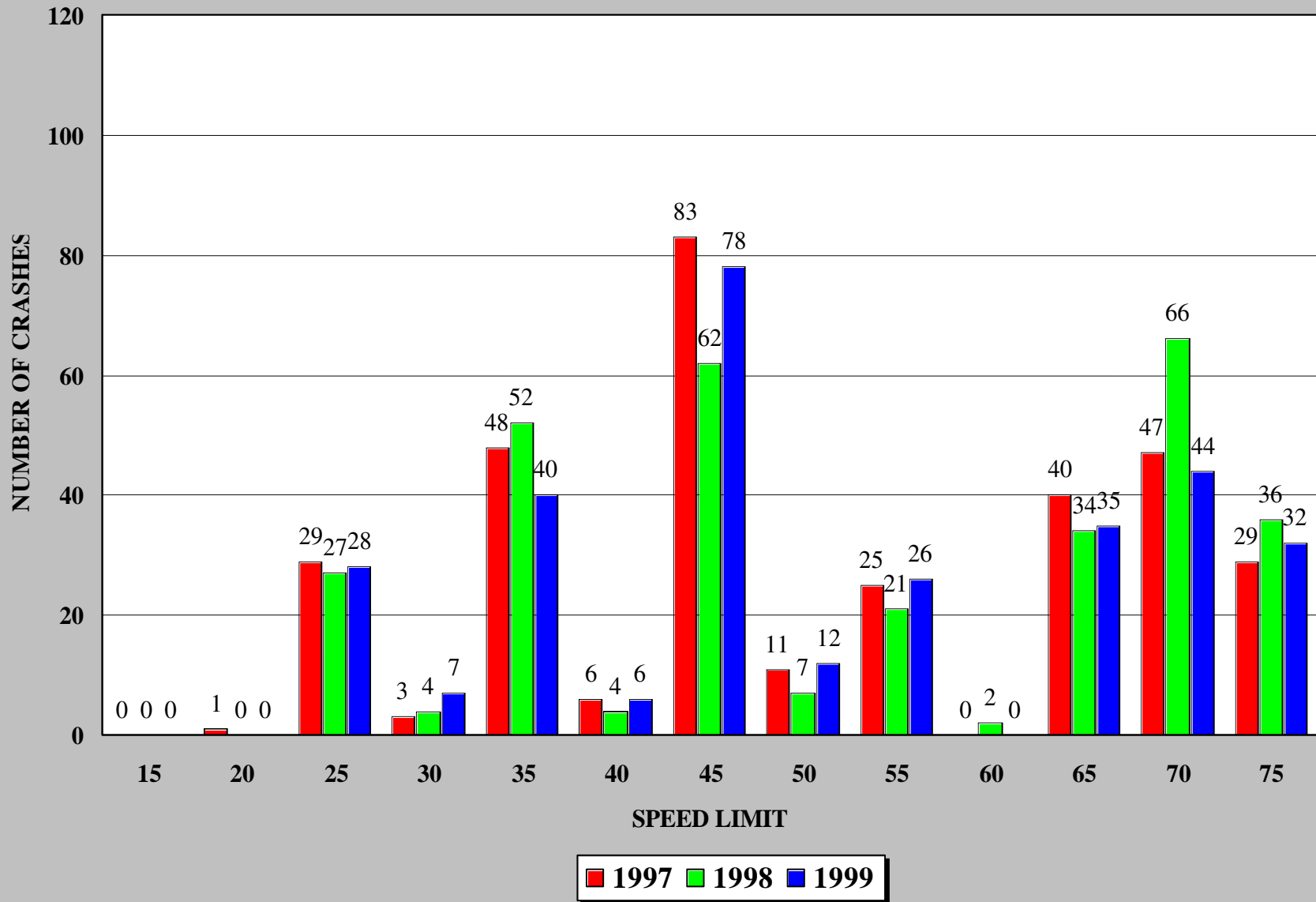
POSTED SPEED LIMIT AT CRASH LOCATIONS 1997 THRU 1999

POSTED SPEED	1997	1998	1999
15	217	238	317
20	67	52	71
25	11,936	12,089	10,740
30	3,199	3,394	2,806
35	18,649	17,964	18,511
40	1,383	1,537	1,227
45	11,572	13,946	15,713
50	801	753	707
55	1,242	1,473	2,422
60	22	43	339
65	5,030	5,165	3,783
70	1,292	1,334	1,284
75	996	880	722
UNKNOWN	76	102	432

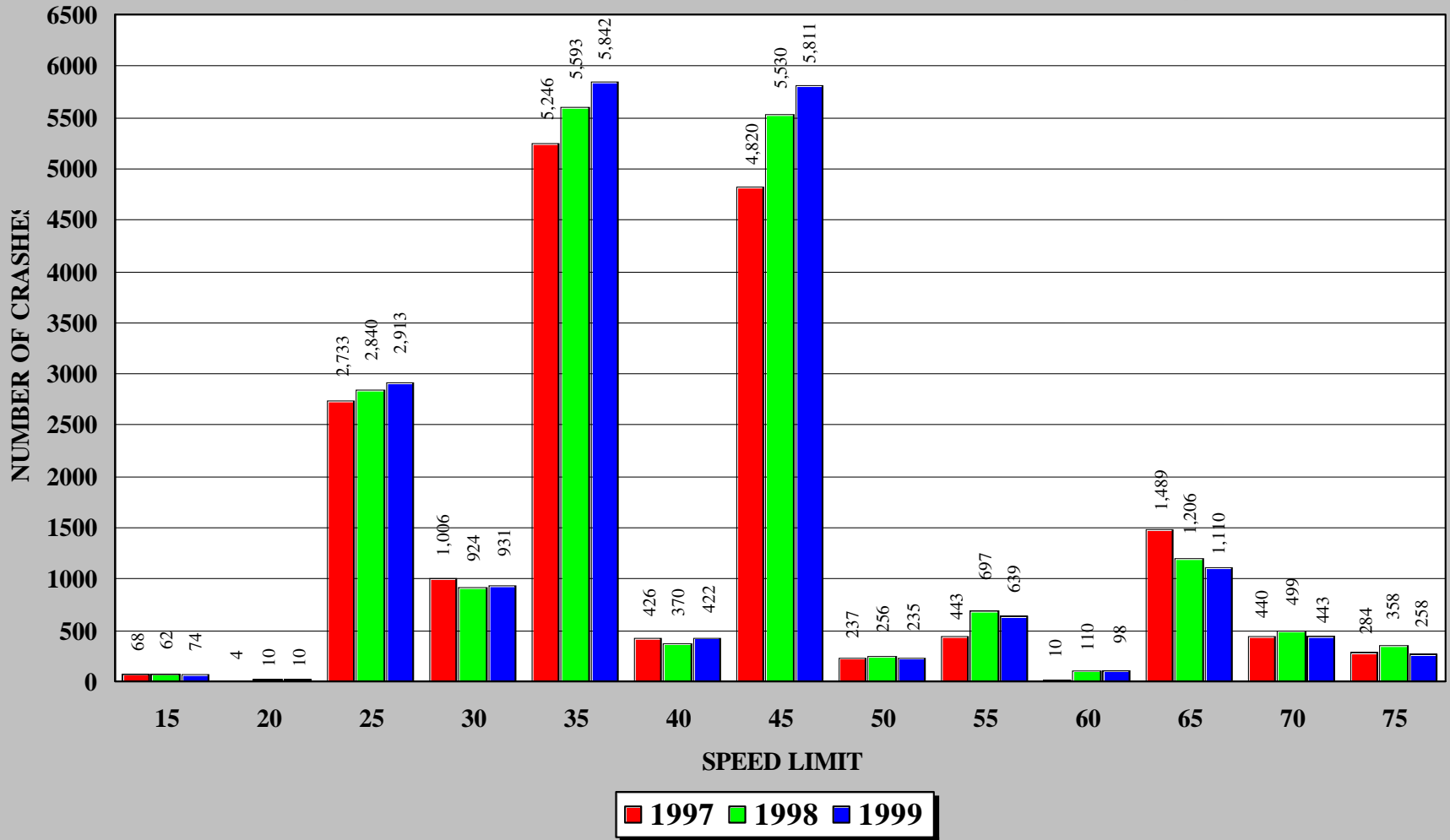


CRASHES WITH UNKNOWN POSTED SPEED ARE NOT INCLUDED IN THE GRAPH.

POSTED SPEED LIMIT AT FATAL CRASH LOCATIONS 1997 THRU 1999



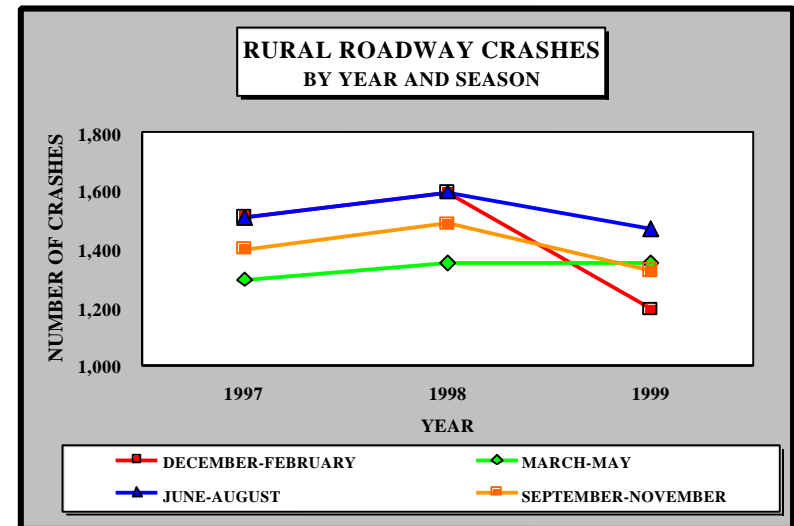
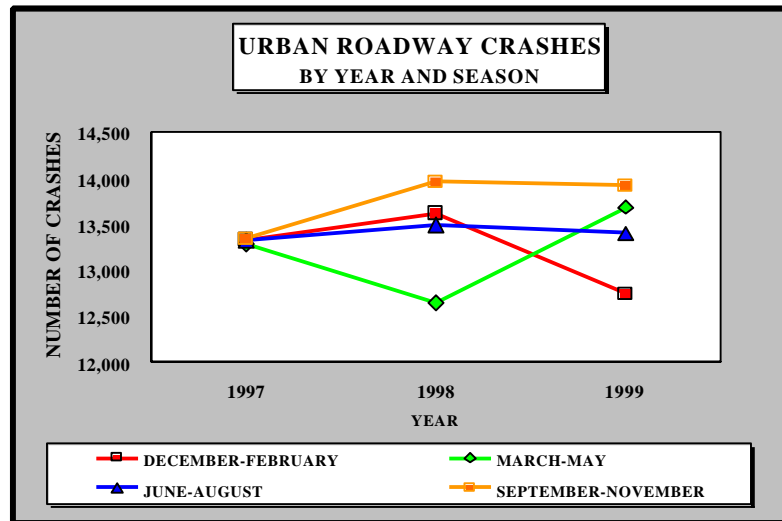
**POSTED SPEED LIMIT AT INJURY CRASH LOCATIONS
1997 THRU 1999**



There were 76 injury crashes in 1999 with an unknown posted speed limit.

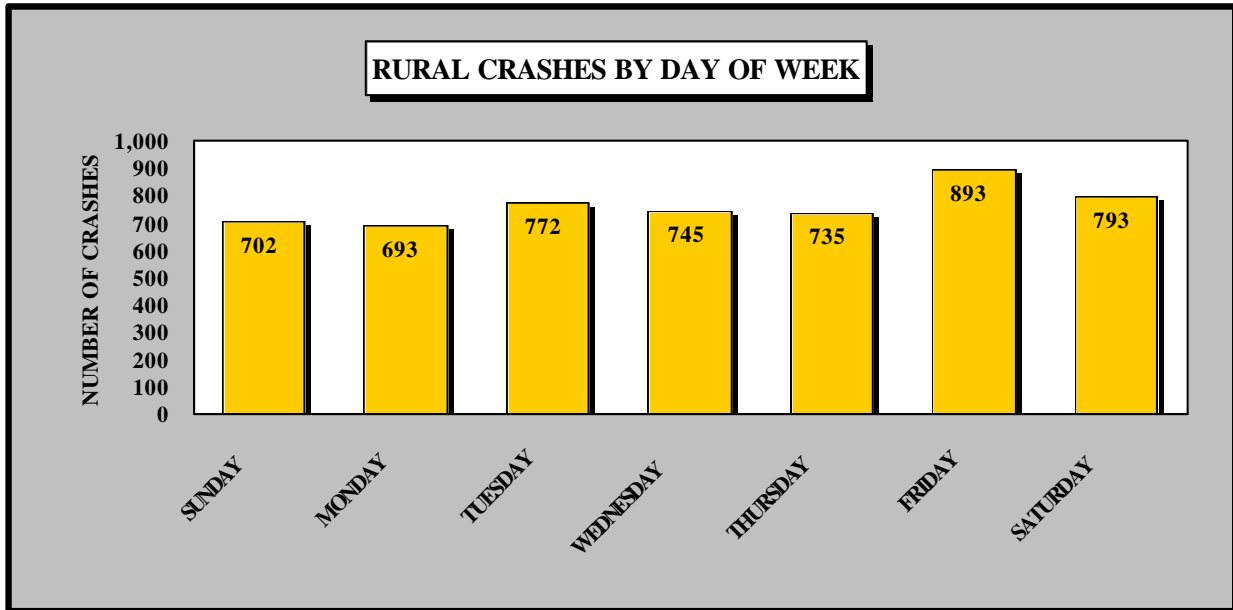
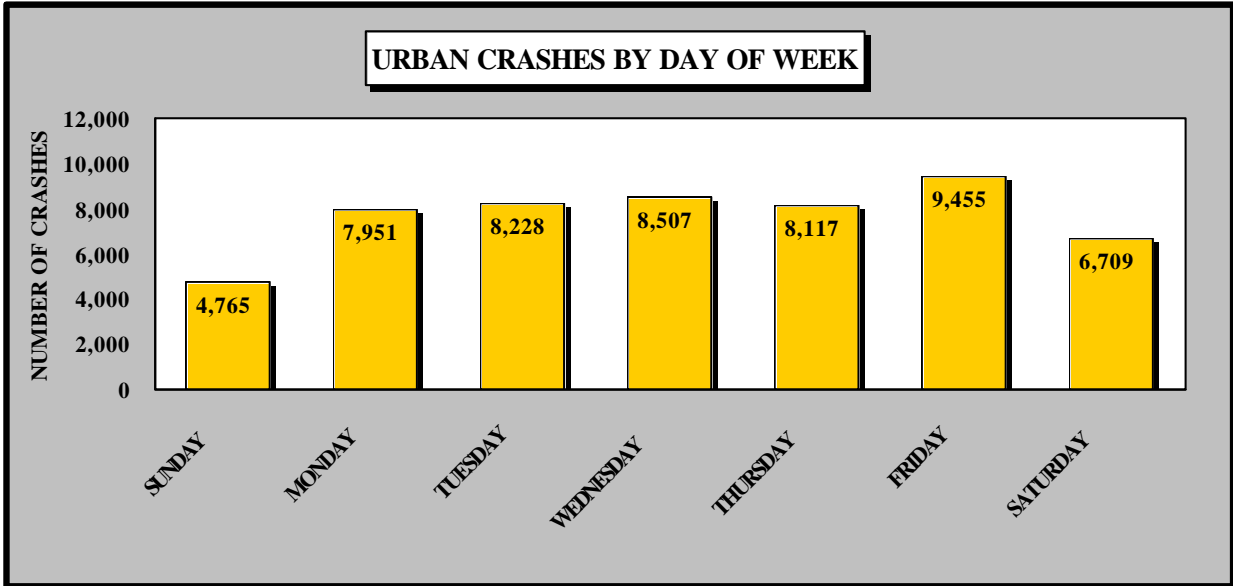
1999 URBAN AND RURAL CRASHES BY SEASON

SEASON	URBAN P.D.O. CRASHES		RURAL P.D.O. CRASHES		URBAN INJURY CRASHES		RURAL INJURY CRASHES		URBAN FATAL CRASHES		RURAL FATAL CRASHES		URBAN TOTAL CRASHES		RURAL TOTAL CRASHES	
DECEMBER-FEBRUARY WINTER	8,715	849	3,990	310	34	33	12,739	1,192								
MARCH-MAY SPRING	9,268	898	4,378	413	37	39	13,683	1,350								
JUNE-AUGUST SUMMER	9,097	958	4,264	473	37	36	13,398	1,467								
SEPTEMBER-NOVEMBER FALL	9,223	888	4,634	399	55	37	13,912	1,324								
TOTAL	36,303	3,593	17,266	1,595	163	145	53,732	5,333								



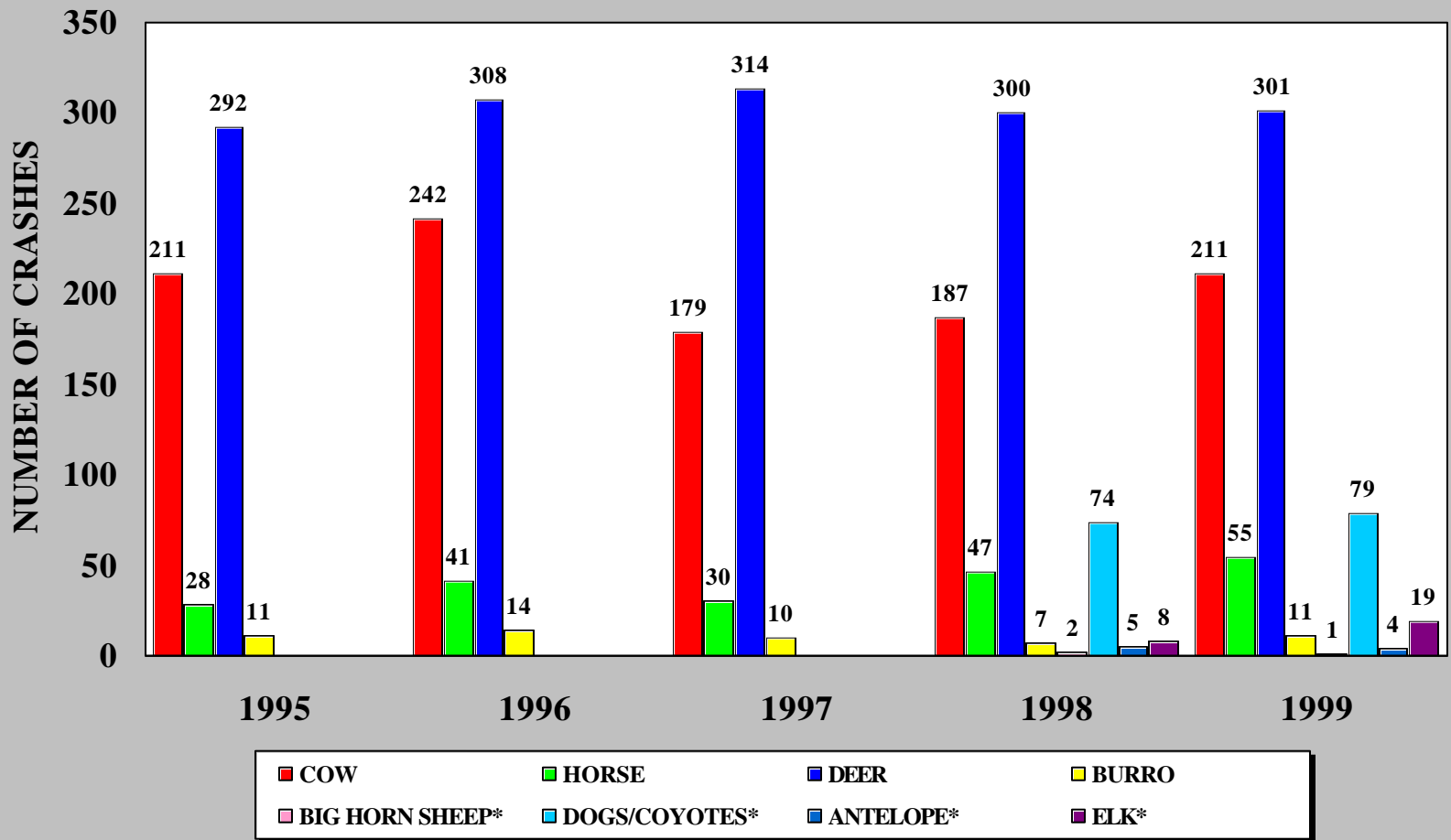
**TOTAL URBAN AND RURAL CRASHES
BY DAY OF WEEK**

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	TOTAL
URBAN	4,765	7,951	8,228	8,507	8,117	9,455	6,709	53,732
RURAL	702	693	772	745	735	893	793	5,333
TOTAL	5,467	8,644	9,000	9,252	8,852	10,348	7,502	59,065



THESE TOTALS DO NOT REFLECT CRASHES WITH UNKNOWN DAY OF WEEK.

ANIMAL CRASH TRENDS 1995 THRU 1999



*NEW ANIMAL CRASH TYPES ADDED TO THE 1998 DATABASE.

SPEED AND SPEED RELATED CRASH DATA
1997 - 1999

SPEED DATA	URBAN INTERSTATE			RURAL INTERSTATE					
	*POSTED SPEED LIMIT 65MPH			POSTED SPEED LIMIT 70			**POSTED SPEED LIMIT 75		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
AVERAGE SPEED	60.3	65.8	61.8	69.3	70.8	73.2	72.0	72.5	74.2
85TH PERCENTILE SPEED	72.2	70.5	70.9	77.2	79.5	81.3	80.4	80.2	81.8
*PERCENT EXCEEDING 65 MPH	27.9%	31.9%	33.2%						
PERCENT EXCEEDING 70 MPH	17.5%	12.9%	17.8%	45.1	53.4%	68.2%			
**PERCENT EXCEEDING 75 MPH	6.5%	3.9%	4.4%	17.7%	27.5%	36.5%	36.1%	36.6%	47.2%
PERCENT EXCEEDING 80 MPH	2.0%	1.1%	1.3%	6.2%	10.0%	15.6%	12.2%	12.1%	17.1%
CRASH RATES									
FATAL	0.50	0.38	0.34	2.01	4.20	1.67	2.43	3.00	2.40
INJURY	40.57	36.31	34.04	19.94	29.00	20.99	24.22	27.98	20.06
TOTAL	144.95	133.31	120.75	57.40	75.92	50.90	73.28	70.36	55.15
SPEED RELATED FATAL	0.05	0.00	0.10	0.81	1.91	0.56	0.87	0.50	0.48
SPEED RELATED INJURY	1.76	2.55	2.80	4.03	4.77	6.32	2.95	2.75	2.32
***SPEED RELATED TOTAL	4.58	4.92	5.40	8.06	11.26	9.10	5.21	4.91	3.44
ANNUAL VEHICLE MILES	1,986,831,561	2,115,321,403	2,035,628,763	496,552,933	524,210,571	538,344,891	1,151,733,599	1,200,979,523	1,251,080,891

ALL CRASH RATES ARE PER 100 MILLION VEHICLE MILES.

RURAL INTERSTATE WITH POSTED SPEED OF 65MPH WAS NOT INCLUDED IN THIS STUDY.

* MAJORITY OF URBAN INTERSTATE POSTED AT 65MPH

** MAJORITY OF RURAL INTERSTATE POSTED AT 75MPH

***SPEED RELATED CRASHES ARE DEFINED AS CRASHES IN WHICH VEHICLE 1 IS EXCEEDING THE POSTED SPEED

GLOSSARY

ALCOHOL INVOLVEMENT

Nevada defines a crash as alcohol-related or alcohol - involved if either a driver or a non-motorist (usually a pedestrian) had a measurable or estimated blood alcohol concentration (BAC of 0.01 grams per deciliter or above).

Nevada defines a non-fatal crash as alcohol-related or alcohol-involved if police indicate on the police crash report that there is evidence of alcohol present. The code does not necessarily mean that a driver, passenger, or non-occupant was tested for alcohol.

ANNUAL VEHICLE MILES (AVM)

The number of miles driven on a given stretch of road for a 365 day period by all vehicles.

BICYCLE INVOLVED

A traffic collision involving at least one bicycle.

BICYCLIST

Bicyclist victims include the driver (rider) and/or passenger of any device propelled exclusively by human power through a belt, chain or gears and having two or more wheels.

CONTRIBUTING FACTORS

The one element or driving action which, in the Officer's opinion, best describes the main cause of the collision.

CONSTRUCTION ZONE

An area, usually marked by signs, barricades, or other devices indicating that highway construction or highway maintenance activities are ongoing.

CRASH

An event that produces fatality, injury and/or property damage, involves a motor vehicle in transport, and occurs on a traffic way or while the vehicle is still in motion after running off the traffic way. (Crash statistics in this book do not include Private Property Crashes)

CRASH SEVERITY

- 1. Fatal Crash** - A police-reported crash involving a motor vehicle in transport on a traffic way in which at least one person dies within 30 days of the crash.
- 2. Injury Crash** - A police-reported crash that involves a motor vehicle in transport on a traffic way in which no one died but at least one person was reported to have: (A) Serious visible injury: Victim requires transport from scene. (B) Minor visible injury: Abrasions, discoloration, swelling, obvious painful movement. (C) Nonvisible Injury: Complaint of pain without visible signs of injury.

GLOSSARY CONTINUED

3. Property-Damage Only Crash - A police or driver reported crash involving a motor vehicle in transport on a traffic way in which no one involved in the crash suffered any injuries.

CRASH TYPE

One of several possible outcomes of a crash that describes the events leading to or causing the crash.

DRIVER

The person who drives or was in physical control of a motor vehicle.

DRIVER 1

The person who was in physical control of the first vehicle reported on the crash report form. Normally assumed to be the at fault driver.

DRIVER 2

The person who was in physical control of the second vehicle reported on the crash report form.

DRUG INVOLVED

Any motor vehicle traffic crash where a driver or pedestrian had any use of drugs.

DUI

Driving under the influence of alcohol. DUI indicated by a blood alcohol content of .10 or greater.

EJECTED

Refers to occupants being totally or partially thrown from the vehicle as a result of an impact or rollover.

FIXED OBJECTS

Stationary structures or substantial vegetation attached to the terrain.

GROSS VEHICLE WEIGHT RATING (GVWR)

The Maximum rated capacity of a vehicle, including the weight of the base vehicle, all added equipment, driver and passengers, and all cargo loaded into or on the vehicle. Actual weight may be less than or greater than GVWR.

GLOSSARY CONTINUED

MOTOR VEHICLE

A mechanically or electrically powered device not operated on rails, upon which or by which any person or property may be transported or drawn upon roadway is a motor vehicle.

OCCUPANT

Any person who is in or upon a motor vehicle in transport. Includes the driver, passengers, and any persons riding on the exterior of a motor vehicle.

PEDESTRIAN

Any person not in or upon a vehicle. Includes a person in or operating a pedestrian conveyance, such as a baby carriage, skateboard, roller skates, skis, sled or wheelchair.

PASSENGER

A passenger is any occupant of a vehicle other than its driver. Includes passengers on bicycles, mopeds, and motorcycles.

ROADWAY FUNCTIONAL CLASSIFICATION

The classification describing the character of service the street or highway is intended to provide. Includes the following:

Interstate - Limited access divided facilities of at least four lanes designated by the Federal Highway Administration as part of the Interstate System.

Other Freeways and Expressways - All urban principal arterial with limited control of access not on the Interstate System.

Urban Other Principal Arterial - Major Streets or highways, many with multi-lane or freeway design, serving high-volume traffic corridor movements that connect major generators of travel.

Minor Arterial Rural/Urban - Streets and highways linking cities and larger towns in rural areas in distributing trips to small geographic areas in urban areas (Not penetrating identifiable neighborhoods).

Major Collector Rural - These roads link nearby larger towns or cities, or with routes or higher classification. Also serve the more important intra county travel corridors.

Minor Collector Rural - These routes collect traffic from local roads and bring all developed areas within a reasonable distance of a collector road. Also provide service to the remaining smaller communities.

Collector Urban - In urban areas, streets providing direct access to neighborhoods as well as direct access to arterials.

GLOSSARY CONTINUED

Local Urban/Rural -Streets whose primary purpose is feeding higher order systems, providing direct access with little or no through traffic.

RURAL AREA - Rural areas comprise all areas outside the city limit boundaries of urbanized area.

URBAN AREA –An area defined by the city limit boundaries of a city. Nevada’s urban areas are Las Vegas, North Las Vegas, Henderson, Boulder City, Carson City, Fallon, Elko, Reno, Sparks, Pahrump, Winnemucca, Gardnerville, and Fernley.



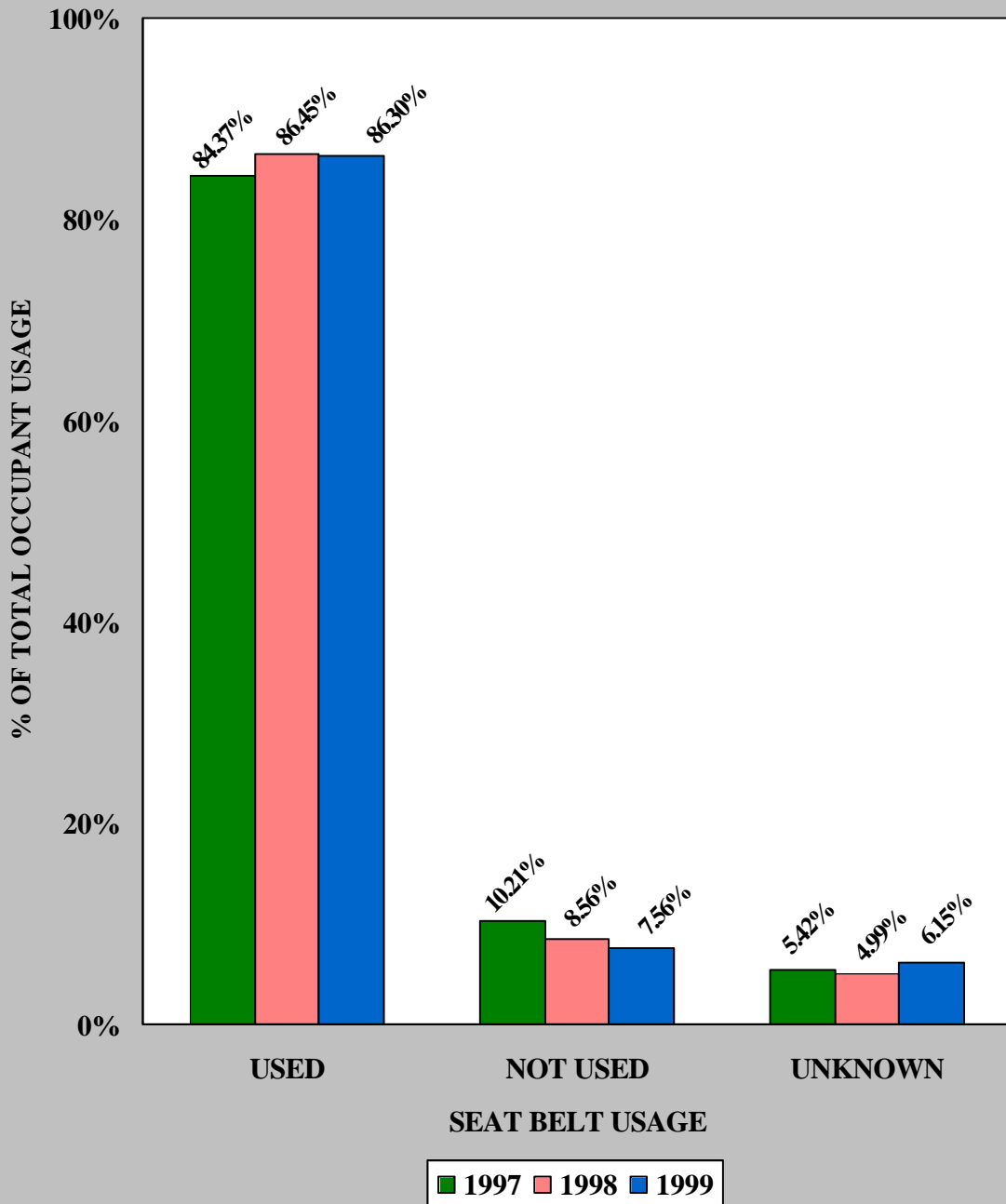
OCCUPANT RESTRAINTS

This section presents a series of data displays that identify restraint use for occupants in all crashes.

1999 SUMMARY ANALYSIS

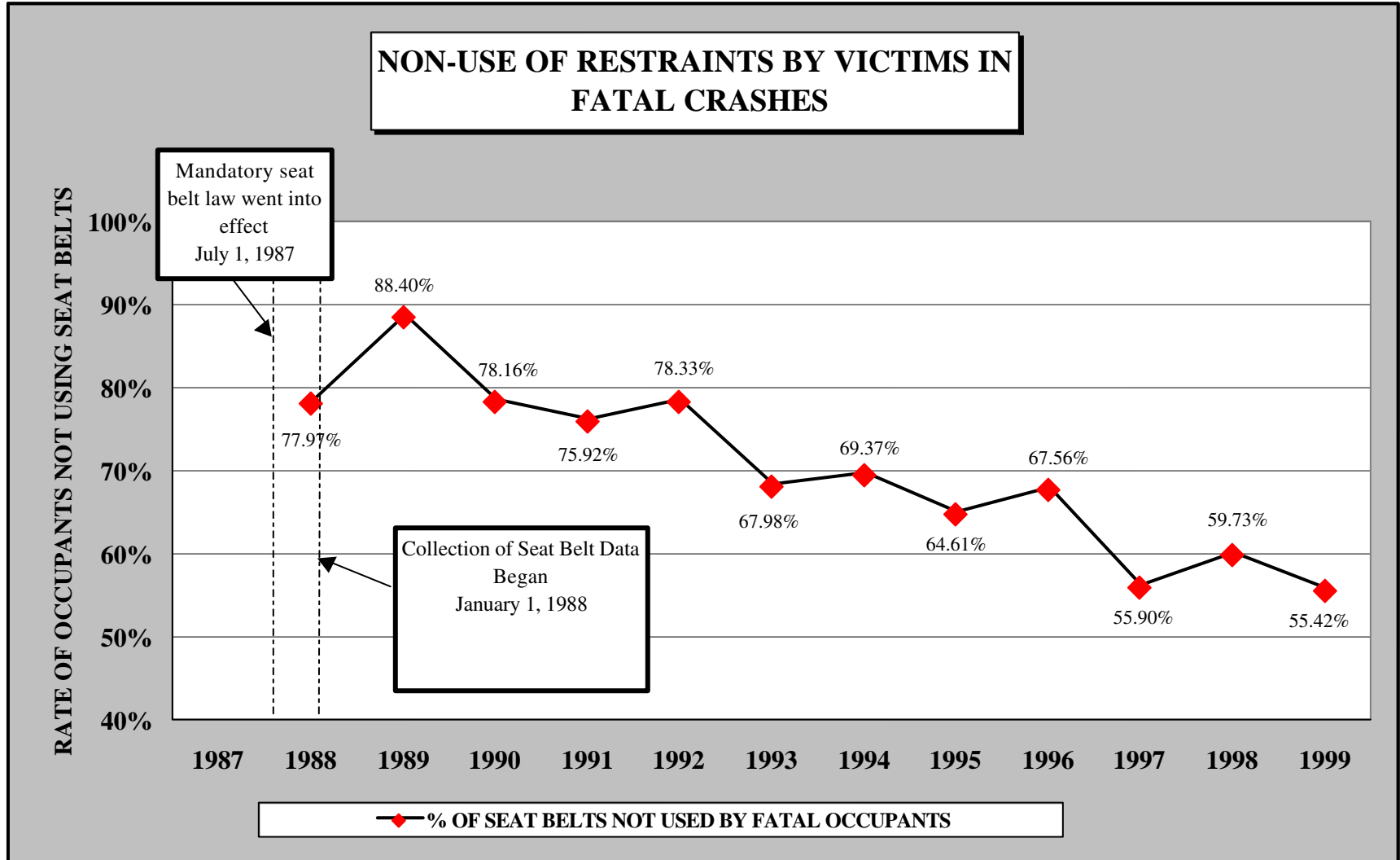
- ◆ The percentage of seat belts used has decreased from 86.63% in 1997 to 86.30% in 1999.
- ◆ Non-use of restraints by victims in fatal crashes has decreased with 55.90% in 1997 to 55.42% in 1999.

**TOTAL OCCUPANT SEAT BELT USAGE
IN FATAL AND INJURY CRASHES
1997-1999**



THIS INFORMATION IS BASED UPON DRIVERS 1 AND 2 ADMISSION TO THE REPORTING OFFICER

19,166 INJURY OR FATAL CRASHES OUT OF THE 19,171 TOTAL INJURY & FATAL CRASHES HAD SEAT BELT INFORMATION.





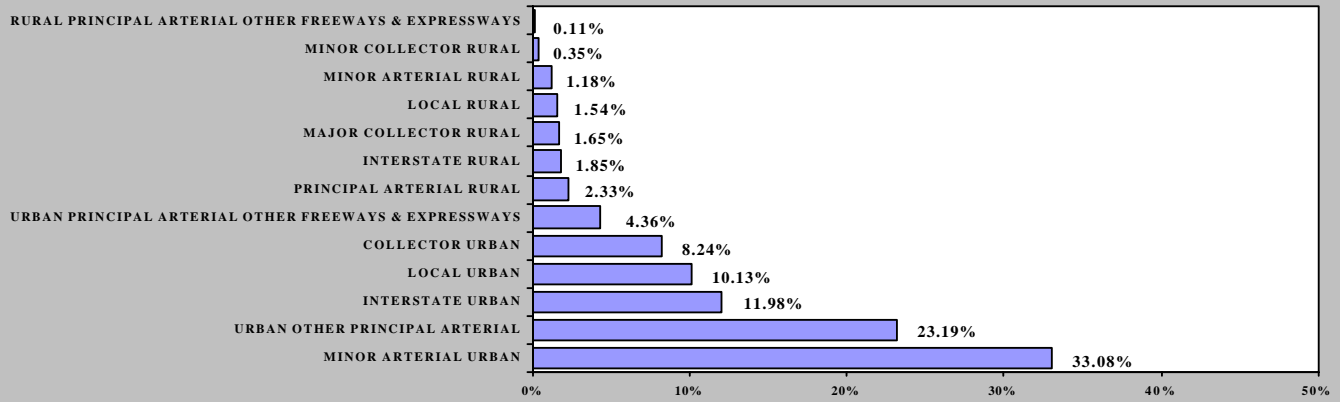
LOCATION

This section presents a series of data displays which identify number and percentage of crashes by county and district, investigation agencies, crash rates by highway functional classification, total crashes by county, primary crash types by county, contributing factors by county drivers residency map, and maps that indicate the location of all fatal crashes.

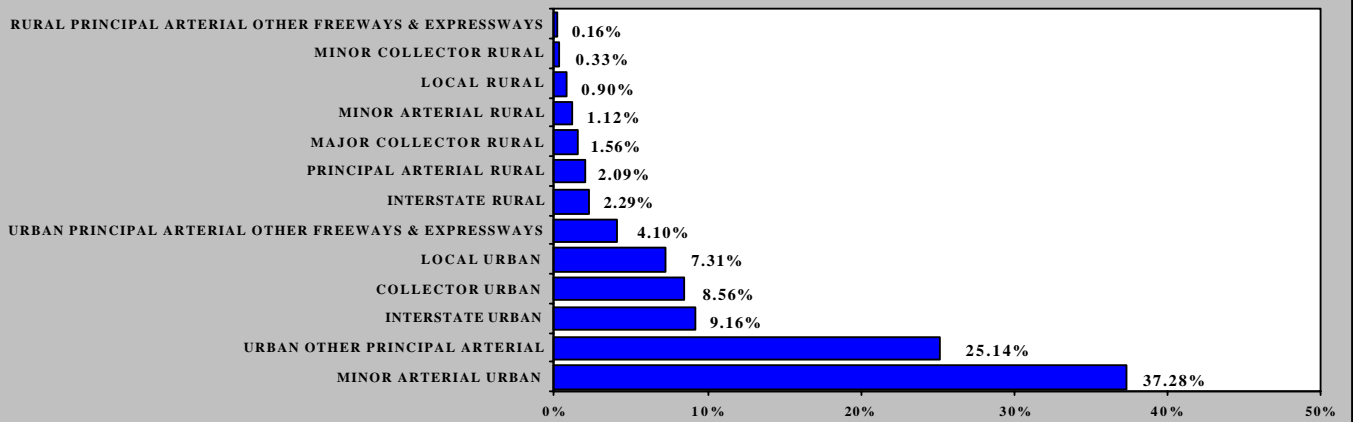
1999 SUMMARY ANALYSIS

- ◆ NDOT Engineering Districts I and II, which correspond closely with Nevada Highway Patrol Enforcement Regions I and II, encompass the main urban areas of the state and accounted for 96.2% of all traffic crashes in 1999.
- ◆ Clark County accounted for 74.67% of all traffic crashes in 1999, followed by Washoe County with 15.10%. Next were Elko County with 2.02% and Carson City County with 1.90%. The remaining 6.31% of the crashes were disbursed through out the other 13 counties of the state.
- ◆ Thirty-seven law enforcement agencies reported the 59,075 traffic crashes in the State last year. Las Vegas Metropolitan Police Department reported 51.0% of the total.
- ◆ The Nevada Highway Patrol reported 58.5% of all fatal crashes.
- ◆ Of all roadways in Nevada, urban other principal arterial roadways experienced the most crashes and vehicle miles traveled as well as the highest injury and total crash rate per 100 million vehicle miles traveled.
- ◆ Local rural roadways experienced the lowest injury crash rate as well as the lowest total crash rate per 100 million vehicle miles.
- ◆ Animal collisions are one of the top five crash types in 12 out of 17 counties.
- ◆ Inattentive driving was common in the top 5 primary contributing factors in 16 out of 17 counties
- ◆ 84.92% of the drivers involved in 59,075 crashes in 1999 were Nevada residents.

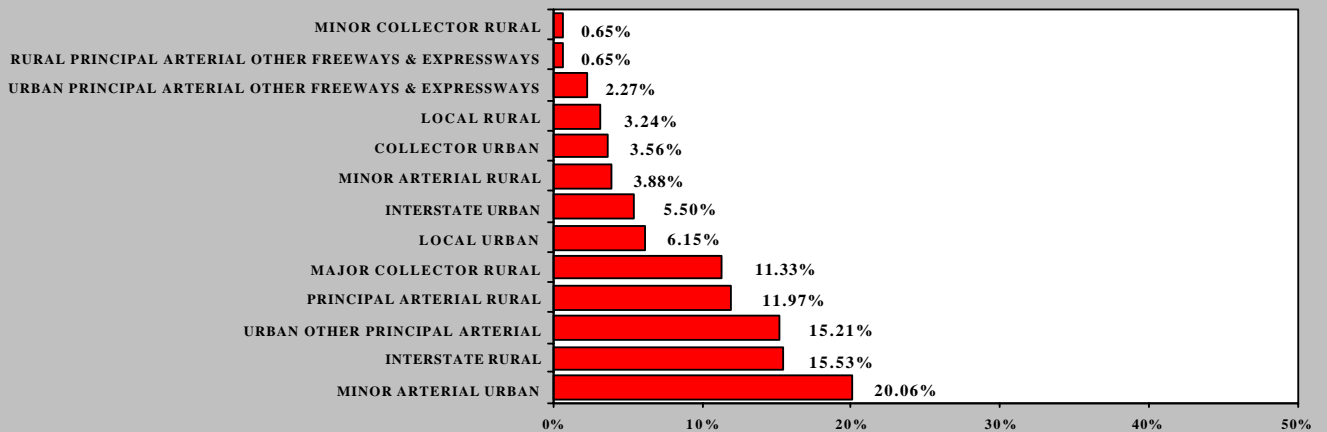
**% OF TOTAL PDO CRASHES
BY FUNCTIONAL CLASSIFICATION
1999**



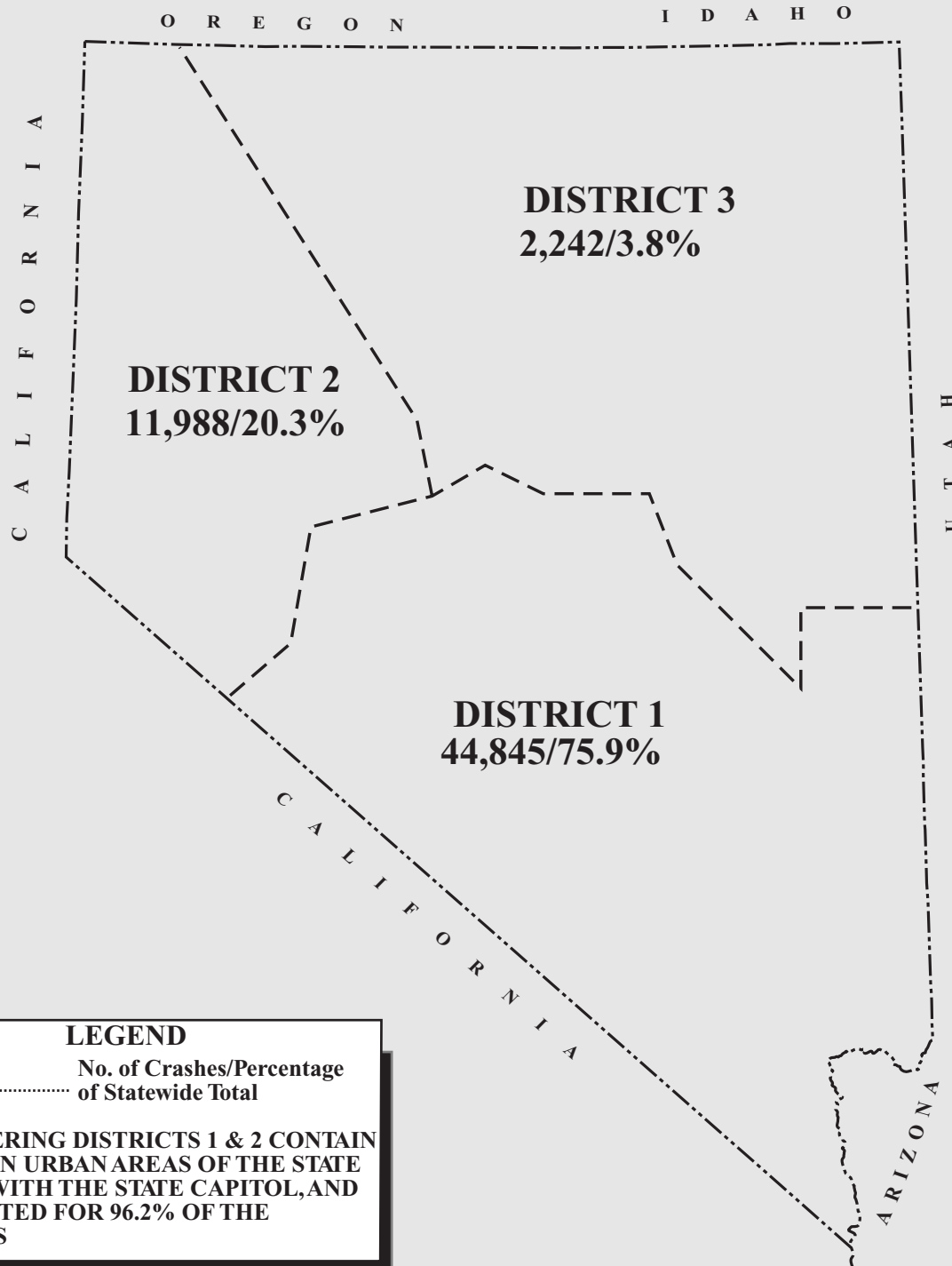
**% OF TOTAL INJURY CRASHES
BY FUNCTIONAL CLASSIFICATION
1999**



**% OF TOTAL FATAL CRASHES
BY FUNCTIONAL CLASSIFICATION
1999**



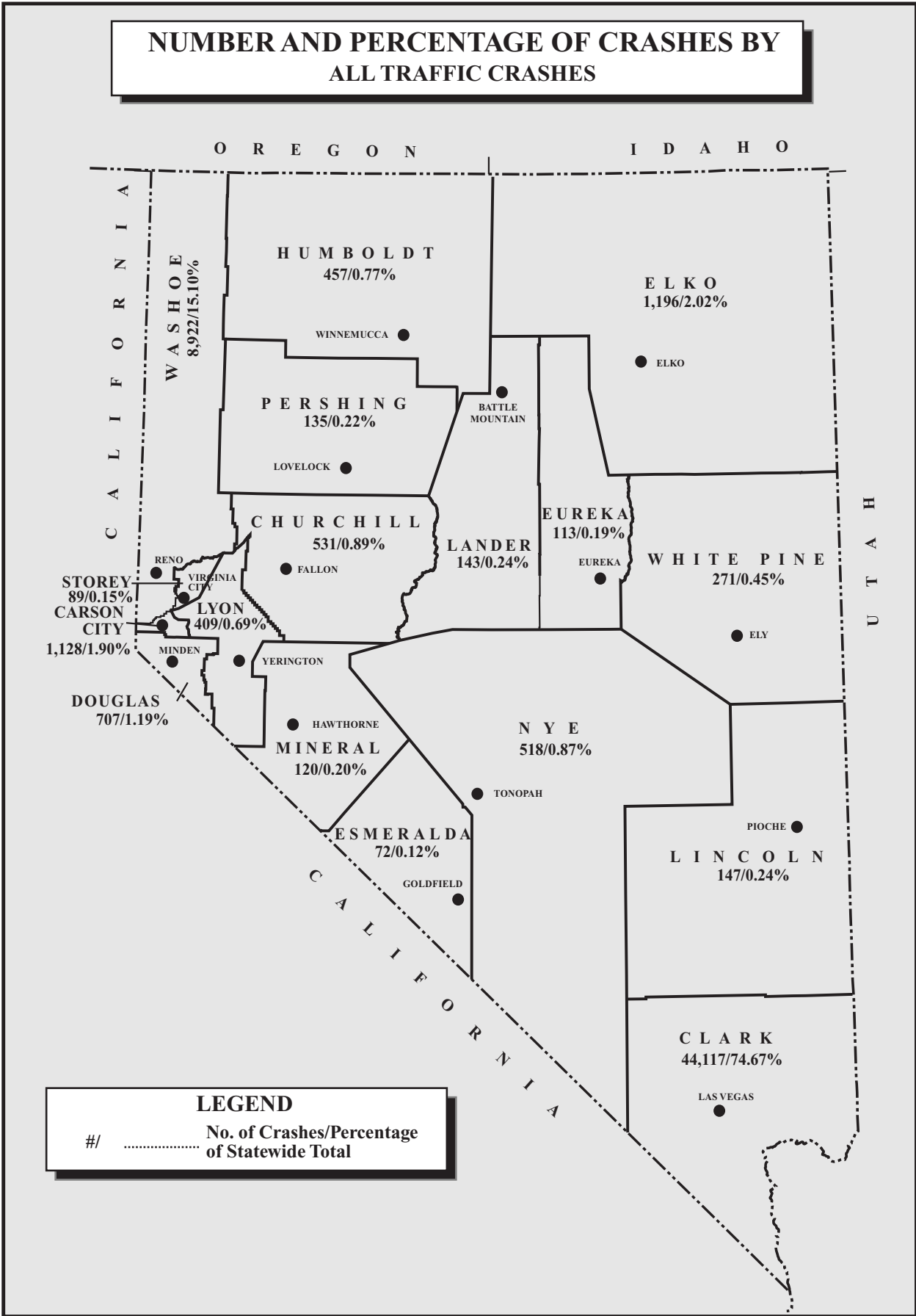
**NUMBER AND PERCENTAGE OF CRASHES BY
ALL TRAFFIC CRASHES**



LEGEND
 #/% No. of Crashes/Percentage of Statewide Total

ENGINEERING DISTRICTS 1 & 2 CONTAIN THE MAIN URBAN AREAS OF THE STATE ALONG WITH THE STATE CAPITOL, AND ACCOUNTED FOR 96.2% OF THE CRASHES

NUMBER AND PERCENTAGE OF CRASHES BY ALL TRAFFIC CRASHES



LEGEND
 #/ No. of Crashes/Percentage of Statewide Total

**CRASHES AS INVESTIGATED BY
INDIVIDUAL STATEWIDE REPORTING AGENCIES**

REPORTING AGENCY	P.D.O. CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL CRASHES
NEVADA HIGHWAY PATROL ZONE 1	6,188	2,581	92	8,861
NEVADA HIGHWAY PATROL ZONE 2	2,570	1,217	50	3,837
NEVADA HIGHWAY PATROL ZONE 3	820	333	39	1,192
CARSON CITY SHERIFFS OFFICE	461	158	0	619
CHURCHILL COUNTY SHERIFFS OFFICE	94	23	1	118
FALLON POLICE DEPARTMENT	128	31	0	159
LAS VEGAS METRO POLICE DEPT.	19,412	10,683	76	30,171
NORTH LAS VEGAS POLICE DEPT.	1,737	747	6	2,490
HENDERSON POLICE DEPT.	1,865	841	13	2,719
BOULDER CITY POLICE DEPT.	171	54	4	229
NATIONAL PARK SERVICE (LAKE MEAD)	50	32	0	82
MESQUITE POLICE DEPARTMENT	57	13	0	70
DOUGLAS COUNTY SHERIFFS OFFICE	238	54	0	292
ELKO COUNTY SHERIFFS OFFICE	96	21	2	119
ELKO POLICE DEPT.	374	73	0	447
CARLIN POLICE DEPT.	14	3	0	17
WELLS POLICE DEPT.	6	1	0	7
WENDOVER POLICE DEPT	32	5	0	37
ESMERALDA COUNTY SHERIFFS OFFICE	11	0	0	11
EUREKA COUNTY SHERIFFS OFFICE	14	4	0	18
HUMBOLDT COUNTY SHERIFFS OFFICE	37	8	0	45
WINNEMUCCA POLICE DEPARTMENT	137	35	0	172
LANDER COUNTY SHERIFFS OFFICE	27	9	0	36
LINCOLN COUNTY SHERIFFS OFFICE	0	0	0	0
LYON COUNTY SHERIFFS OFFICE	111	29	0	140
YERINGTON POLICE DEPARTMENT	17	7	0	24
MINERAL COUNTY SHERIFFS OFFICE	30	3	0	33
NYE COUNTY SHERIFFS OFFICE	162	51	6	219
PERSHING COUNTY SHERIFFS OFFICE	12	2	0	14
LOVELOCK POLICE DEPARTMENT	11	2	0	13
STOREY COUNTY SHERIFFS OFFICE	47	6	0	53
WASHOE COUNTY SHERIFFS OFFICE	351	115	5	471
RENO POLICE DEPARTMENT	3,392	1,236	10	4,638
SPARKS POLICE DEPARTMENT	1,106	464	3	1,573
TRUCKEE MEADOWS COMMUNITY COLLEGE POLICE DEPARTMENT	2	0	0	2
UNIVERSITY OF NEVADA RENO POLICE	18	1	0	19
PYRAMID LAKE POLICE DEPT.	0	0	0	0
WHITE PINE COUNTY SHERIFFS OFFICE	106	20	2	128
TOTAL	39,904	18,862	309	59,075

NUMBER OF TRAFFIC CRASHES, ANNUAL VEHICLE MILES (AVM) AND CRASH RATES BY FUNCTIONAL CLASSIFICATION

FUNCTIONAL CLASSIFICATION	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL FATAL CRASHES	TOTAL TRAFFIC CRASHES	% OF TOTAL CRASHES	TOTAL AVM	% OF TOTAL AVM	P.D.O. *CRASH RATE	INJURY *CRASH RATE	FATAL *CRASH RATE	TOTAL *CRASH RATE
INTERSTATE RURAL	740	431	48	1,219	2.06%	1,909,734,346	11.00%	38.75	22.57	2.51	63.83
INTERSTATE URBAN	4,780	1,728	17	6,525	11.05%	2,072,415,284	11.94%	230.65	83.38	0.82	314.85
URBAN PRINCIPAL ARTERIAL OTHER FREEWAYS & EXPRESSWAYS	1,741	773	7	2,521	4.27%	1,045,598,197	6.03%	166.51	73.93	0.67	241.11
RURAL PRINCIPAL ARTERIAL OTHER FREEWAYS & EXPRESSWAYS	42	31	2	75	0.13%	134,672,674	0.78%	31.19	23.02	1.49	55.69
PRINCIPAL ARTERIAL RURAL	930	395	37	1,362	2.31%	1,338,220,348	7.71%	69.50	29.52	2.76	101.78
URBAN OTHER PRINCIPAL ARTERIAL	9,253	4,741	47	14,041	23.77%	2,057,087,138	11.85%	449.81	230.47	2.28	682.57
MINOR ARTERIAL RURAL	470	212	12	694	1.17%	485,928,381	2.80%	96.72	43.63	2.47	142.82
MINOR ARTERIAL URBAN	13,202	7,032	62	20,296	34.36%	3,424,967,289	19.74%	385.46	205.32	1.81	592.59
MAJOR COLLECTOR RURAL	659	294	35	988	1.67%	708,480,945	4.08%	93.02	41.50	4.94	139.45
MINOR COLLECTOR RURAL	139	63	2	204	0.35%	157,681,255	0.91%	88.15	39.95	1.27	129.37
COLLECTOR URBAN	3,289	1,615	11	4,915	8.32%	1,407,376,247	8.11%	233.70	114.75	0.78	349.23
LOCAL RURAL	615	169	10	794	1.34%	1,461,820,818	8.42%	42.07	11.56	0.68	54.32
LOCAL URBAN	4,044	1,378	19	5,441	9.21%	1,149,840,167	6.63%	351.70	119.84	1.65	473.20
TOTAL	39,904	18,862	309	59,075	100%	17,353,823,089	100%	229.94	108.69	1.78	340.41

* CRASH RATES ARE BASED ON 100 MILLION VEHICLES MILES.

MINOR ARTERIAL URBAN ROADS EXPERIENCED THE LARGEST NUMBER OF CRASHES AND THE HIGHEST NUMBER OF VEHICLE MILES. URBAN OTHER PRINCIPAL ARTERIAL ROADS HAD THE HIGHEST CRASH RATE PER 100 MILLION VEHICLE MILES.

LOCAL RURAL ROADS EXPERIENCE THE LOWEST CRASH RATE PER 100 MILLION VEHICLE MILES.

CRASHES BY COUNTY
1999

COUNTY	TOTAL CRASHES	P.D.O. CRASHES	INJURY CRASHES	FATAL CRASHES	TOTAL INJURIES	TOTAL FATALITIES
CARSON	1,128	826	299	3	401	3
CHURCHILL	531	376	146	9	213	10
CLARK	44,117	29,145	14,798	174	23,024	195
DOUGLAS	707	502	199	6	300	6
ELKO	1,196	903	269	24	488	28
ESMERALDA	72	44	25	3	45	6
EUREKA	113	76	33	4	54	5
HUMBOLDT	457	348	101	8	145	8
LANDER	143	97	43	3	62	4
LINCOLN	147	94	47	6	87	8
LYON	409	294	111	4	174	4
MINERAL	120	87	29	4	48	5
NYE	518	372	132	14	201	20
PERSHING	135	88	42	5	86	5
STOREY	89	69	20	0	27	0
WASHOE	8,922	6,374	2,510	38	3,581	41
WHITE PINE	271	209	58	4	84	4
TOTAL	59,075	39,904	18,862	309	29,020	352

CRASH TOTALS BY COUNTY, RATES, AVM'S AND POPULATION

COUNTY	TOTAL CRASHES	% OF TOTAL CRASHES	TOTAL AVM	% OF TOTAL AVM	POPULATION	CRASH RATE
CARSON	1,128	1.91%	330,330,385	1.90%	51,860	341.48
CHURCHILL	531	0.90%	318,966,054	1.84%	24,020	166.48
CLARK	44,117	74.68%	10,478,165,032	60.38%	1,255,200	421.04
DOUGLAS	707	1.20%	448,328,779	2.58%	41,420	157.70
ELKO	1,196	2.02%	731,720,332	4.22%	49,230	163.45
ESMERALDA	72	0.12%	88,913,622	0.51%	1,420	80.98
EUREKA	113	0.19%	104,887,894	0.60%	1,640	107.73
HUMBOLDT	457	0.77%	325,879,044	1.88%	17,970	140.24
LANDER	143	0.24%	112,583,155	0.65%	7,040	127.02
LINCOLN	147	0.25%	118,183,808	0.68%	4,190	124.38
LYON	409	0.69%	395,747,755	2.28%	32,200	103.35
MINERAL	120	0.20%	112,748,465	0.65%	6,620	106.43
NYE	518	0.88%	311,856,368	1.80%	29,730	166.10
PERSHING	135	0.23%	240,461,667	1.39%	7,270	56.14
STOREY	89	0.15%	19,052,777	0.11%	3,670	467.12
WASHOE	8,922	15.10%	3,003,462,666	17.31%	311,350	297.06
WHITE PINE	271	0.46%	212,535,286	1.22%	10,960	127.51
TOTAL	59,075	100%	17,353,823,089	100%	1,855,790	340.41

CRASH RATES EXPRESSED IN 100,000,000 VEHICLE MILES.

TOTAL STATEWIDE CRASHES BY COUNTY AND YEAR

COUNTY	1997						1998						1999					
	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES	TOTAL CRASHES	TOTAL P.D.O. CRASHES	TOTAL INJURY CRASHES	TOTAL INJURIES	TOTAL FATAL CRASHES	TOTAL FATALITIES
CARSON	1,168	869	292	427	7	9	1,221	931	288	388	2	2	1,128	826	299	401	3	3
CHURCHILL	556	383	164	258	9	11	527	358	155	250	14	18	531	376	146	213	9	10
CLARK	42,844	29,705	12,951	20,751	188	200	43,435	29,111	14,141	21,883	183	203	44,117	29,145	14,798	23,024	174	195
DOUGLAS	756	583	166	253	7	7	821	627	188	305	6	6	707	502	199	300	6	6
ELKO	1,445	1,141	293	458	11	12	1,291	950	317	540	24	26	1,196	903	269	488	24	28
ESMERALDA	59	29	28	41	2	2	64	37	22	43	5	8	72	44	25	45	3	6
EUREKA	154	110	39	72	5	5	147	105	39	67	3	3	113	76	33	54	4	5
HUMBOLDT	442	342	92	135	8	8	519	406	108	152	5	12	457	348	101	145	8	8
LANDER	187	143	39	60	5	7	156	110	40	65	6	6	143	97	43	62	3	4
LINCOLN	149	113	32	54	4	4	125	88	33	52	4	5	147	94	47	87	6	8
LYON	420	297	115	189	8	8	474	319	148	220	7	8	409	294	111	174	4	4
MINERAL	188	136	47	81	5	6	144	106	35	58	3	4	120	87	29	48	4	5
NYE	479	310	160	239	9	11	507	352	149	257	6	10	518	372	132	201	14	20
PERSHING	192	130	53	95	9	10	199	128	65	111	6	7	135	88	42	86	5	5
STOREY	83	67	16	22	0	0	82	69	13	18	0	0	89	69	20	27	0	0
WASHOE	9,524	6,807	2,676	3,838	41	43	9,669	6,967	2,665	3,857	37	38	8,922	6,374	2,510	3,581	38	41
WHITE PINE	324	255	65	102	4	4	345	260	81	134	4	5	271	209	58	84	4	4
TOTAL	58,970	41,420	17,228	27,075	322	347	59,726	40,924	18,487	28,400	315	361	59,075	39,904	18,862	29,020	309	352

TOP 5 PRIMARY CRASH TYPES BY SEVERITY

CARSON

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR END COLLISION	310	98	0	408	151	0
ANGLE COLLISION	184	67	0	251	93	0
SIDESWIPE SAME DIRECTION	71	6	0	77	6	0
LEFT TURN COLLISION	44	26	0	70	30	0
PARKED VEHICLE	64	4	0	68	4	0
ALL OTHERS	153	98	3	254	117	3
TOTAL	826	299	3	1,128	401	3

CHURCHILL

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR-END	79	29	0	108	40	0
ANGLE COLLISION	51	25	1	77	38	1
RAN OFF RDWY-FIXED OBJECT	57	14	2	73	18	2
SIDESWIPE SAME DIRECTION	35	7	0	42	9	0
ANIMAL	37	5	0	42	6	0
ALL OTHERS	117	66	6	189	102	7
TOTAL	376	146	9	531	213	10

CLARK

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR END COLLISION	11,637	5,590	5	17,232	8,734	5
ANGLE COLLISION	3,996	2,462	19	6,477	4,157	23
SIDESWIPE SAME DIRECTION	5,509	953	3	6,465	1,343	3
LEFT TURN COLLISION	2,171	1,782	7	3,960	3,040	7
RAN OFF ROADWAY-FIXED OBJECT	1,519	625	11	2,155	780	12
ALL OTHERS	4,313	3,386	129	7,828	4,970	145
TOTAL	29,145	14,798	174	44,117	23,024	195

DOUGLAS

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR END COLLISION	121	59	0	180	87	0
ANGLE COLLISION	72	35	0	107	65	0
RAN OFF RDWY-FIXED OBJ.	73	26	1	100	32	1
SIDESWIPE SAME DIRECTION	46	8	0	54	12	0
PARKED VEHICLE	37	1	0	38	3	0
ALL OTHERS	153	70	5	228	101	5
TOTAL	502	199	6	707	300	6

TOP 5 PRIMARY CRASH TYPES BY SEVERITY

ELKO

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR END COLLISION	135	46	1	182	96	1
ANGLE COLLISION	122	18	0	140	27	0
RAN OFF RDWY-OVERTURNED	63	63	8	134	118	9
RAN OFF RDWY-FIXED OBJ.	97	17	1	115	22	1
PARKED VEHICLE	99	8	0	107	11	0
ALL OTHERS	387	117	14	518	214	17
TOTAL	903	269	24	1,196	488	28

ESMERALDA

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
RAN OFF RDWY-OVERTURNED	12	14	1	27	25	1
ANIMAL	6	1	0	7	1	0
RAN OFF ROADWAY	7	0	0	7	0	0
RAN OFF RDWY-OTHER COMBO	3	3	0	6	3	0
RAN OFF ROADWAY-FIXED OBJ.	5	0	0	5	0	0
ALL OTHERS	11	7	2	20	16	5
TOTAL	44	25	3	72	45	6

EUREKA

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
RAN OFF RDWY-OVERTURNED	12	9	1	22	13	1
ANIMAL COLLISION	15	1	0	16	1	0
REAR-END COLLISION	6	7	1	14	19	2
RAN OFF RDWY-FIXED OBJECT	10	2	0	12	2	0
RAN OFF RDWY-OTHER COMBO	7	2	2	11	4	2
ALL OTHERS	26	12	0	38	15	0
TOTAL	76	33	4	113	54	5

HUMBOLDT

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
ANIMAL COLLISION	79	2	0	81	2	0
REAR END COLLISION	54	13	0	67	18	0
RAN OFF ROADWAY-OVERTURNED	39	19	2	60	30	2
ANGLE COLLISION	35	10	1	46	14	1
RAN OFF ROADWAY-FIXED OBJECT	31	3	1	35	6	1
ALL OTHERS	110	54	4	168	75	4
TOTAL	348	101	8	457	145	8

TOP 5 PRIMARY CRASH TYPES BY SEVERITY

LANDER

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
RAN OFF RDWY-OVERTURNED	21	17	2	40	24	2
ANIMAL	22	0	0	22	0	0
RAN OFF RDWY-FIXED OBJ.	8	5	0	13	7	0
RAN OFF RDWY-OTHER COMBO.	4	7	0	11	10	0
RAN OFF ROADWAY	9	1	0	10	1	0
ALL OTHERS	33	13	1	47	20	2
TOTAL	97	43	3	143	62	4

LINCOLN

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
ANIMAL	56	3	0	59	6	0
RAN OFF RDWY-OVERTURNED	6	20	5	31	42	7
RAN OFF RDWY-FIXED OBJ.	7	6	0	13	8	0
RAN OFF RDWY-OTHER COMBO.	1	8	0	9	8	0
RAN OFF ROADWAY	6	2	0	8	2	0
ALL OTHERS	18	8	1	27	21	1
TOTAL	94	47	6	147	87	8

LYON

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
ANGLE COLLISION	38	29	1	68	48	1
REAR END COLLISION	49	19	0	68	27	0
RAN OFF RDWY-FIXED OBJECT	39	8	0	47	11	0
ANIMAL COLLISION	36	1	0	37	1	0
RAN OFF RDWY-OVERTURNED	19	14	1	34	23	1
ALL OTHERS	113	40	2	155	64	2
TOTAL	294	111	4	409	174	4

MINERAL

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR-END COLLISION	10	5	0	15	6	0
RAN OFF RDWY-FIXED OBJECT	15	0	0	15	0	0
RAN OFF ROADWAY-OVERTURNED	5	8	0	13	13	0
SIDESWIPE SAME DIRECTION	6	3	0	9	8	0
ANIMAL COLLISION	9	0	0	9	0	0
ALL OTHERS	42	13	4	59	21	5
TOTAL	87	29	4	120	48	5

TOP 5 PRIMARY CRASH TYPES BY SEVERITY

NYE

	PROPERTY DAMAGE ONLY	INJURY ONLY	FATAL	TOTAL	NO. OF	NO. OF
ANGLE COLLISION	58	22	1	81	41	1
RAN OFF ROADWAY-OVERTURNED	31	35	6	72	57	7
REAR END COLLISION	51	19	0	70	29	0
ANIMAL COLLISION	57	3	0	60	3	0
RAN OFF ROADWAY-FIXED OBJ.	33	6	1	40	7	1
ALL OTHERS	142	47	6	195	64	11
TOTAL	372	132	14	518	201	20

PERSHING

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
RAN OFF RDWY-OVERTURNED	8	17	4	29	38	4
ANIMAL	21	0	0	21	0	0
REAR END COLLISION	7	4	1	12	12	1
RAN OFF RDWY-FIXED OBJECT	10	2	0	12	2	0
OBJECT IN ROADWAY	8	0	0	8	0	0
ALL OTHERS	34	19	0	53	34	0
TOTAL	88	42	5	135	86	5

STOREY

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
PARKED VEHICLE	20	0	0	20	0	0
RAN OFF RDWY-FIXED OBJECT	14	3	0	17	5	0
RAN OFF RDWY-OTHER COMBO	6	4	0	10	8	0
ANGLE COLLISION	5	1	0	6	2	0
ANIMAL COLLISION	4	2	0	6	2	0
ALL OTHERS	20	10	0	30	10	0
TOTAL	69	20	0	89	27	0

WASHOE

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
REAR END COLLISION	2,259	919	0	3,178	1,332	0
ANGLE COLLISION	938	379	4	1,321	556	4
SIDESWIPE SAME DIRECTION	916	122	1	1,039	169	1
RAN OFF RDWY-FIXED OBJECT	477	146	2	625	189	2
LEFT TURN COLLISION	405	219	0	624	374	0
ALL OTHERS	1,379	725	31	2,135	961	34
TOTAL	6,374	2,510	38	8,922	3,581	41

TOP 5 PRIMARY CRASH TYPES BY SEVERITY

WHITE PINE

TYPE OF CRASH	PROPERTY DAMAGE ONLY CRASH	INJURY ONLY CRASH	FATAL CRASH	TOTAL CRASH	NO. OF INJURIES	NO. OF FATALITIES
ANIMAL COLLISION	46	5	0	51	6	0
RAN OFF RDWY-OVERTURNED	19	17	2	38	26	2
ANGLE COLLISION	28	7	0	35	11	0
PARKED VEHICLE	28	1	0	29	1	0
RAN OFF RDWY-FIXED OBJECT	24	4	0	28	5	0
ALL OTHERS	64	24	2	90	35	2
TOTAL	209	58	4	271	84	4

TOP 5 PRIMARY CONTRIBUTING FACTORS BY COUNTY AND SEVERITY

CARSON

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
FAILURE TO YIELD	242	120	0	362	0	0
FAILURE TO REDUCE SPEED	182	65	0	247	103	0
INATTENTIVE DRIVING	92	18	0	110	23	0
SPEED TOO FAST FOR CONDITIONS	45	10	0	55	16	0
FOLLOWING TOO CLOSE	49	21	0	70	28	0
ALL OTHERS	216	65	3	284	231	3
TOTAL	826	299	3	1,128	401	3

CHURCHILL

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
INATTENTIVE DRIVING	59	26	0	85	41	0
FAILURE TO YIELD	59	32	0	91	48	0
FAILURE TO REDUCE SPEED	35	22	0	57	34	0
D.U.I. ALCOHOL	20	12	2	34	16	2
SPEED TOO FAST FOR CONDITIONS	20	9	0	29	29	0
ALL OTHERS	183	45	7	235	45	8
TOTAL	376	146	9	531	213	10

CLARK

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
FAILURE TO YIELD	6,492	4,919	34	11,445	8,332	38
FAILURE TO REDUCE SPEED	6,357	3,350	1	9,708	5,364	1
INATTENTIVE DRIVING	3,662	1,318	17	4,997	1,867	24
IMPROPER LANE CHANGE	3,129	596	0	3,725	858	0
FOLLOWING TOO CLOSE	1,843	839	0	2,682	1,258	0
ALL OTHERS	7,662	3,776	122	11,560	5,345	132
TOTAL	29,145	14,798	174	44,117	23,024	195

DOUGLAS

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
SPEED TOO FAST FOR CONDITIONS	115	25	0	140	34	0
FAILURE TO YIELD	84	51	0	135	90	0
FAILURE TO REDUCE SPEED	48	36	0	84	50	0
INATTENTIVE DRIVING	42	16	3	61	23	3
D.U.I. ALCOHOL	24	17	1	42	30	1
ALL OTHERS	189	54	2	245	73	2
TOTAL	502	199	6	707	300	6

TOP 5 PRIMARY CONTRIBUTING FACTORS BY COUNTY AND SEVERITY

ELKO

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
SPEED TOO FAST FOR CONDITIONS	166	53	6	225	92	9
FAILURE TO YIELD	138	35	0	173	54	0
INATTENTIVE DRIVING	117	35	8	160	65	8
FAILURE TO REDUCE SPEED	42	28	1	71	68	1
DEER IN ROADWAY	64	3	0	67	3	0
ALL OTHERS	376	115	9	500	206	10
TOTAL	903	269	24	1,196	488	28

ESMERALDA

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
INATTENTIVE DRIVING	10	6	1	17	11	2
SPEED TOO FAST FOR CONDITION	9	1	0	10	1	0
COW IN ROADWAY	1	5	0	6	11	0
ANIMAL IN ROADWAY	3	2	0	5	4	0
D.U.I. ALCOHOL	1	2	0	3	2	0
ALL OTHERS	20	9	2	31	16	4
TOTAL	44	25	3	72	45	6

EUREKA

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
SPEED TOO FAST FOR CONDITIONS	18	10	0	28	14	0
INATTENTIVE DRIVING	16	5	1	22	8	1
DEER IN ROADWAY	11	1	0	12	3	0
D.U.I. ALCOHOL	3	1	1	5	2	1
FATIGUED DRIVER	1	4	0	5	4	0
ALL OTHERS	27	12	2	41	23	3
TOTAL	76	33	4	113	54	5

HUMBOLDT

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
INATTENTIVE DRIVING	42	19	4	65	30	4
FAILURE TO YIELD	46	16	1	63	23	1
SPEED TOO FAST FOR CONDITIONS	39	15	0	54	20	0
COW IN ROADWAY	40	2	0	42	2	0
DEER IN ROADWAY	34	0	0	34	0	0
ALL OTHERS	147	83	3	199	70	3
TOTAL	348	135	8	457	145	8

TOP 5 PRIMARY CONTRIBUTING FACTORS BY COUNTY AND SEVERITY

LANDER

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
INATTENTIVE DRIVING	16	15	2	33	24	3
SPEED TOO FAST FOR CONDITIONS	12	11	0	23	12	0
COW IN ROADWAY	14	0	0	14	0	0
FATIGUED DRIVER	5	8	0	13	12	0
DEER IN ROADWAY	8	1	0	9	1	0
ALL OTHERS	42	8	1	51	13	1
TOTAL	97	43	3	143	62	4

LINCOLN

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
DEER IN ROADWAY	44	1	0	45	2	0
INATTENTIVE DRIVING	6	14	2	22	27	4
FATIGUED DRIVER	8	10	0	18	15	0
SPEED TOO FAST FOR CONDITIONS	4	7	0	11	13	0
EXCESSIVE SPEED	3	4	3	10	10	3
ALL OTHERS	29	11	1	41	20	1
TOTAL	94	47	6	147	87	8

LYON

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
FAILURE TO YIELD	44	31	1	76	54	1
INATTENTIVE DRIVING	39	9	0	48	12	0
FAILURE TO REDUCE SPEED	27	7	0	34	8	0
SPEED TOO FAST FOR CONDITIONS	23	9	0	32	14	0
D.U.I. ALCOHOL	10	18	1	29	32	1
ALL OTHERS	151	37	2	190	54	2
TOTAL	294	111	4	409	174	4

MINERAL

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
INATTENTIVE DRIVING	12	8	0	20	12	0
FAILURE TO YIELD	9	2	1	12	3	2
FAILURE TO REDUCE SPEED	5	3	0	8	4	0
IMPROPER PASSING	3	2	1	6	7	1
SPEED TOO FAST FOR COND.	2	4	0	6	8	0
ALL OTHERS	56	10	2	68	14	2
TOTAL	87	29	4	120	48	5

TOP 5 PRIMARY CONTRIBUTING FACTORS BY COUNTY AND SEVERITY

NYE

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
FAILURE TO YIELD	78	32	2	112	57	2
INATTENTIVE DRIVING	37	18	3	58	26	3
COW IN ROADWAY	43	2	0	45	2	0
SPEED TOO FAST FOR CONDITIONS	30	13	1	44	16	1
FAILURE TO REDUCE SPEED	33	10	0	43	16	0
ALL OTHERS	151	57	8	216	84	14
TOTAL	372	132	14	518	201	20

PERSHING

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
INATTENTIVE DRIVING	9	12	0	21	19	0
COW IN ROADWAY	13	0	0	13	0	0
SPEED TOO FAST FOR CONDITIONS	8	3	0	11	3	0
FATIGUED DRIVER	5	5	0	10	13	0
D.U.I. ALCOHOL	3	4	1	8	5	1
ALL OTHERS	50	18	4	72	46	4
TOTAL	88	42	5	135	86	5

STOREY

CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
SPEED TOO FAST FOR CONDITIONS	14	4	0	18	6	0
INATTENTIVE DRIVING	9	2	0	11	2	0
EXCESSIVE SPEED	4	4	0	8	7	0
D.U.I. ALCOHOL	3	4	0	7	4	0
IMPROPER BACKING	6	0	0	6	0	0
ALL OTHERS	33	6	0	39	8	0
TOTAL	69	20	0	89	27	0

WASHOE

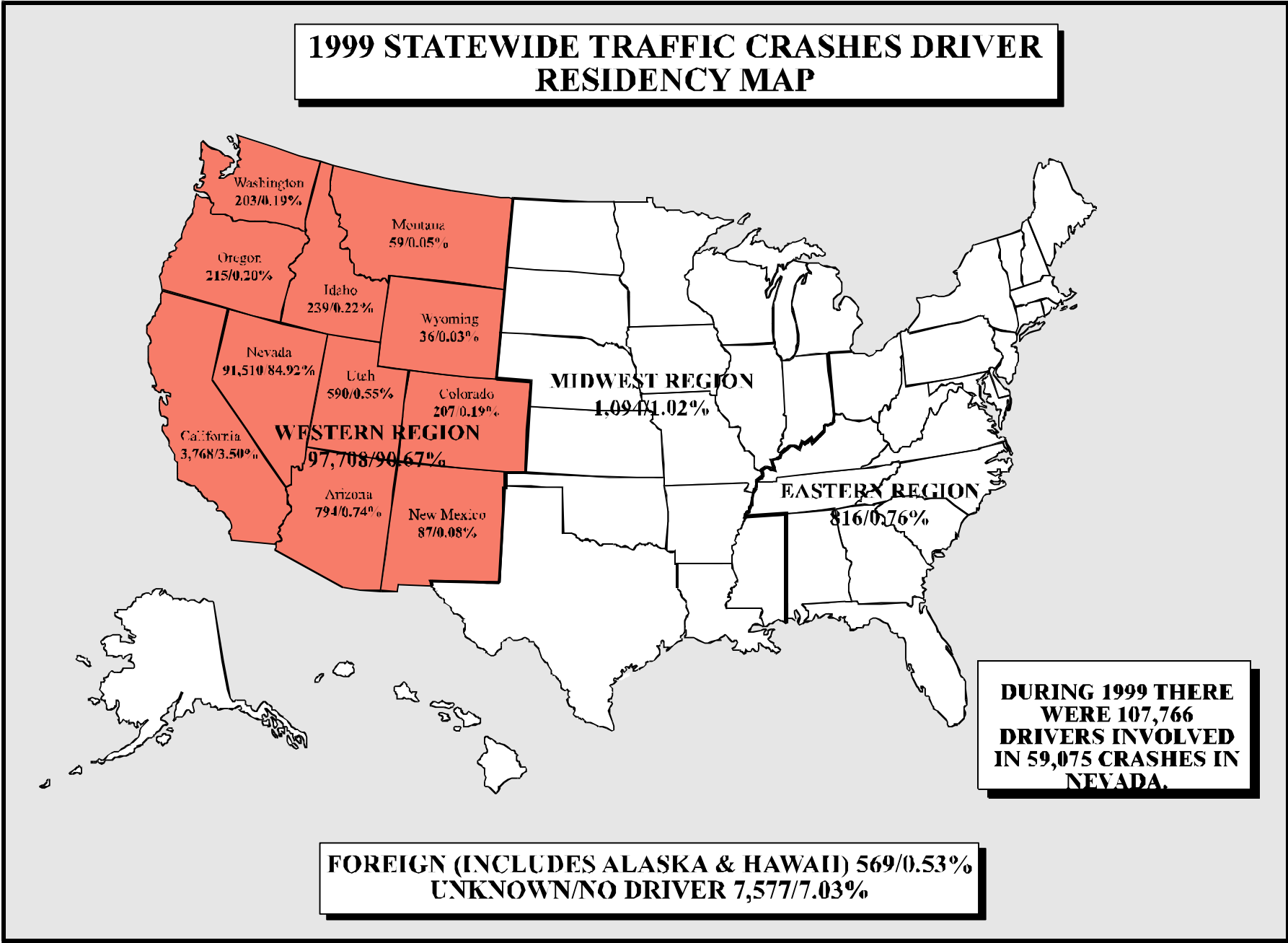
CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
FAILURE TO REDUCE SPEED	1,325	648	0	1,973	960	0
FAILURE TO YIELD	1,269	698	4	1,971	1,053	4
INATTENTIVE DRIVING	943	262	7	1,212	328	7
SPEED TOO FAST FOR CONDITIONS	430	120	3	553	163	3
IMPROPER LANE CHANGE	362	74	0	436	98	0
ALL OTHERS	2,045	708	24	2,777	979	27
TOTAL	6,374	2,510	38	8,922	3,581	41

TOP 5 PRIMARY CONTRIBUTING FACTORS BY COUNTY AND SEVERITY

WHITE PINE

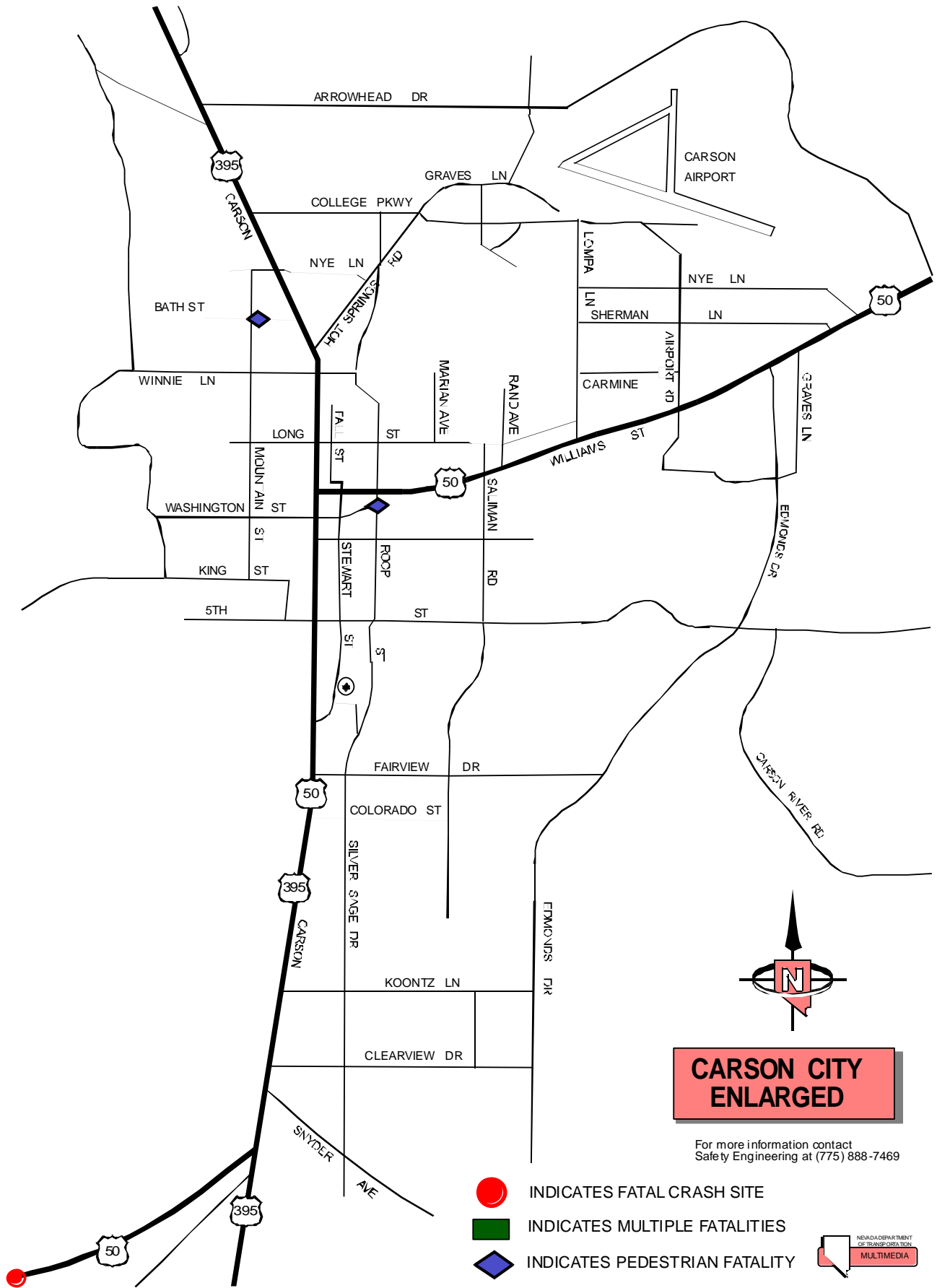
CONTRIBUTING FACTORS	PROPERTY DAMAGE ONLY CRASHES	INJURY ONLY CRASHES	FATAL CRASHES	TOTAL CRASHES	NO. OF INJURIES	NO. OF FATALITIES
DRIVING IN OTHER THAN PROPER MANNER	30	11	1	42	17	1
PHYSICAL DRIVER DEFECT	29	8	0	37	13	0
ANIMAL IN ROADWAY	25	11	1	37	15	1
D.U.I. ALCOHOL	26	1	0	27	1	0
DEFECTIVE TRAILING UNIT	12	4	0	16	4	0
ALL OTHERS	87	23	2	112	34	2
TOTAL	209	58	4	271	84	4

1999 STATEWIDE TRAFFIC CRASHES DRIVER RESIDENCY MAP






DURING 1999 THERE WERE 107,766 DRIVERS INVOLVED IN 59,075 CRASHES IN NEVADA.

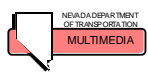
**FOREIGN (INCLUDES ALASKA & HAWAII) 569/0.53%
UNKNOWN/NO DRIVER 7,577/7.03%**

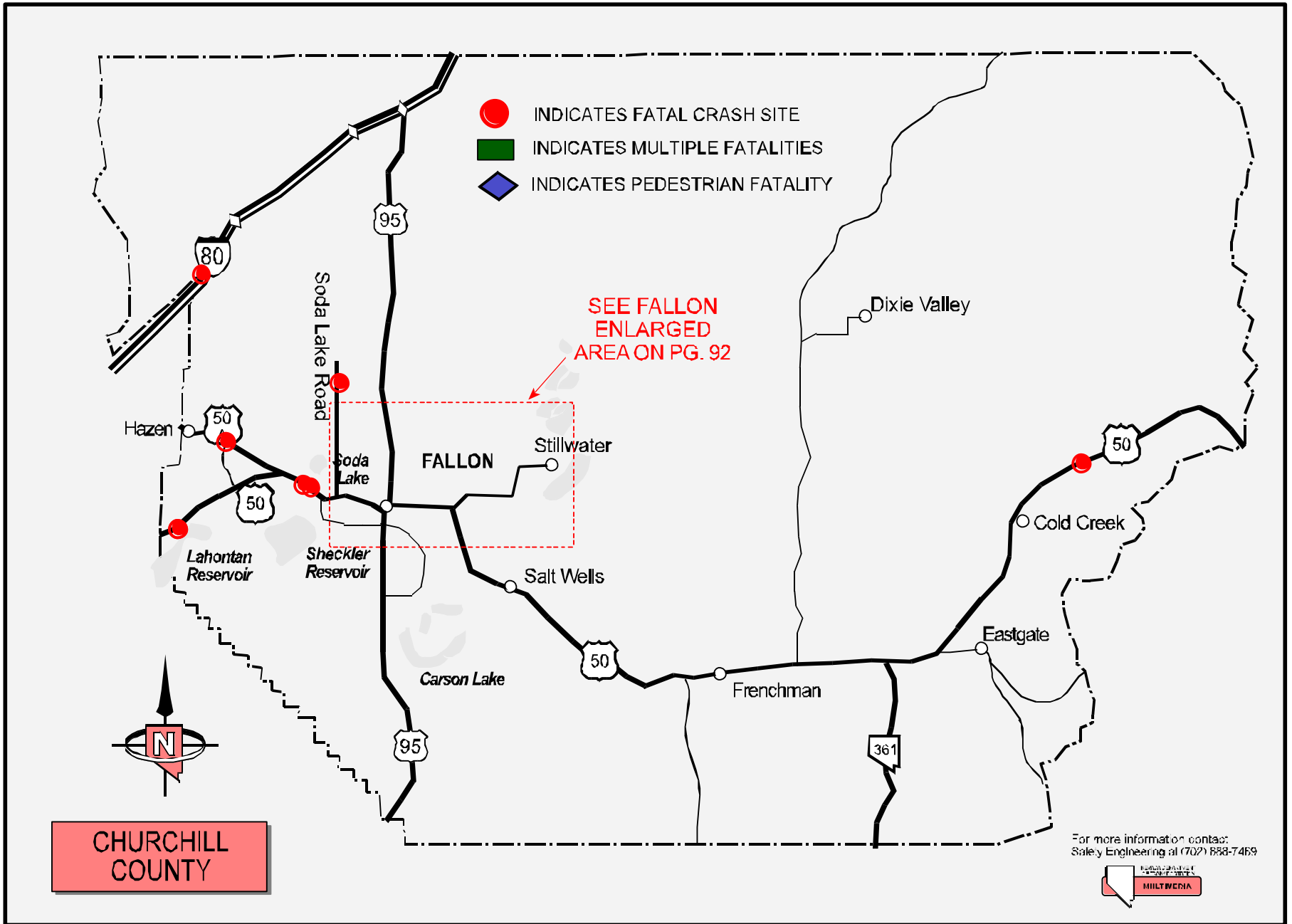





CARSON CITY ENLARGED

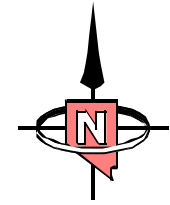
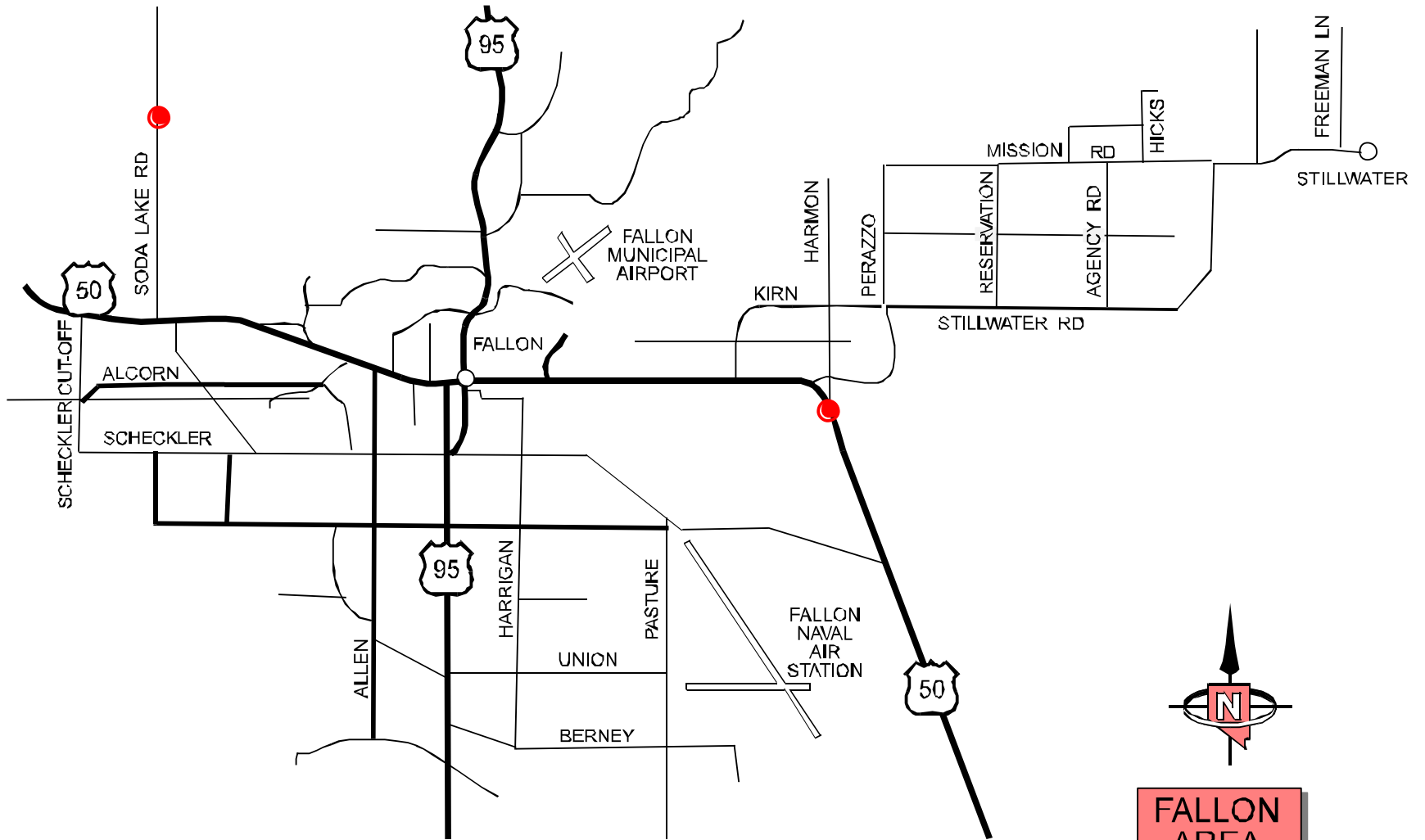
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-  INDICATES MULTIPLE FATALITIES
-  INDICATES PEDESTRIAN FATALITY





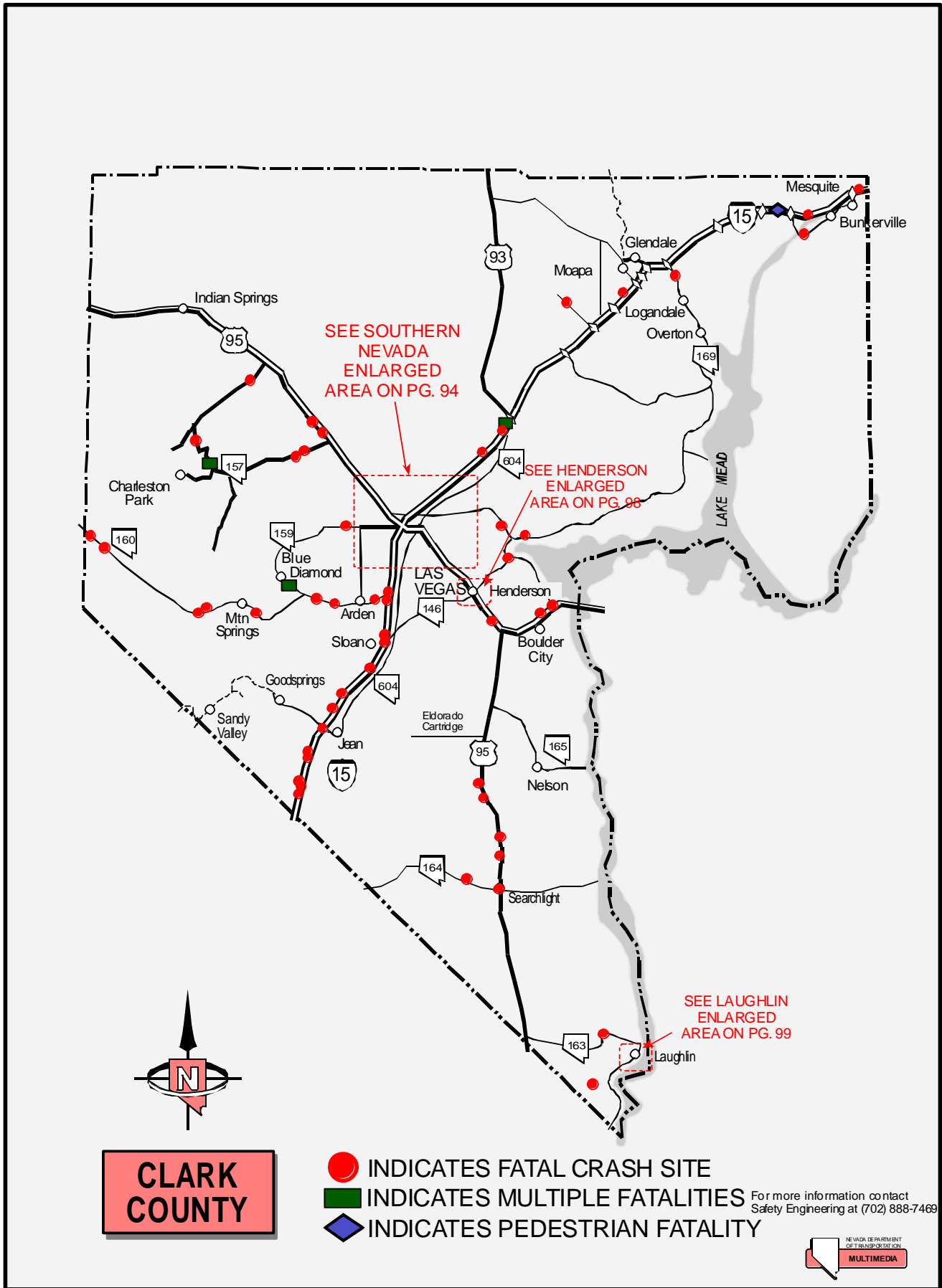
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FALLON
AREA

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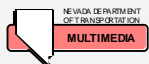


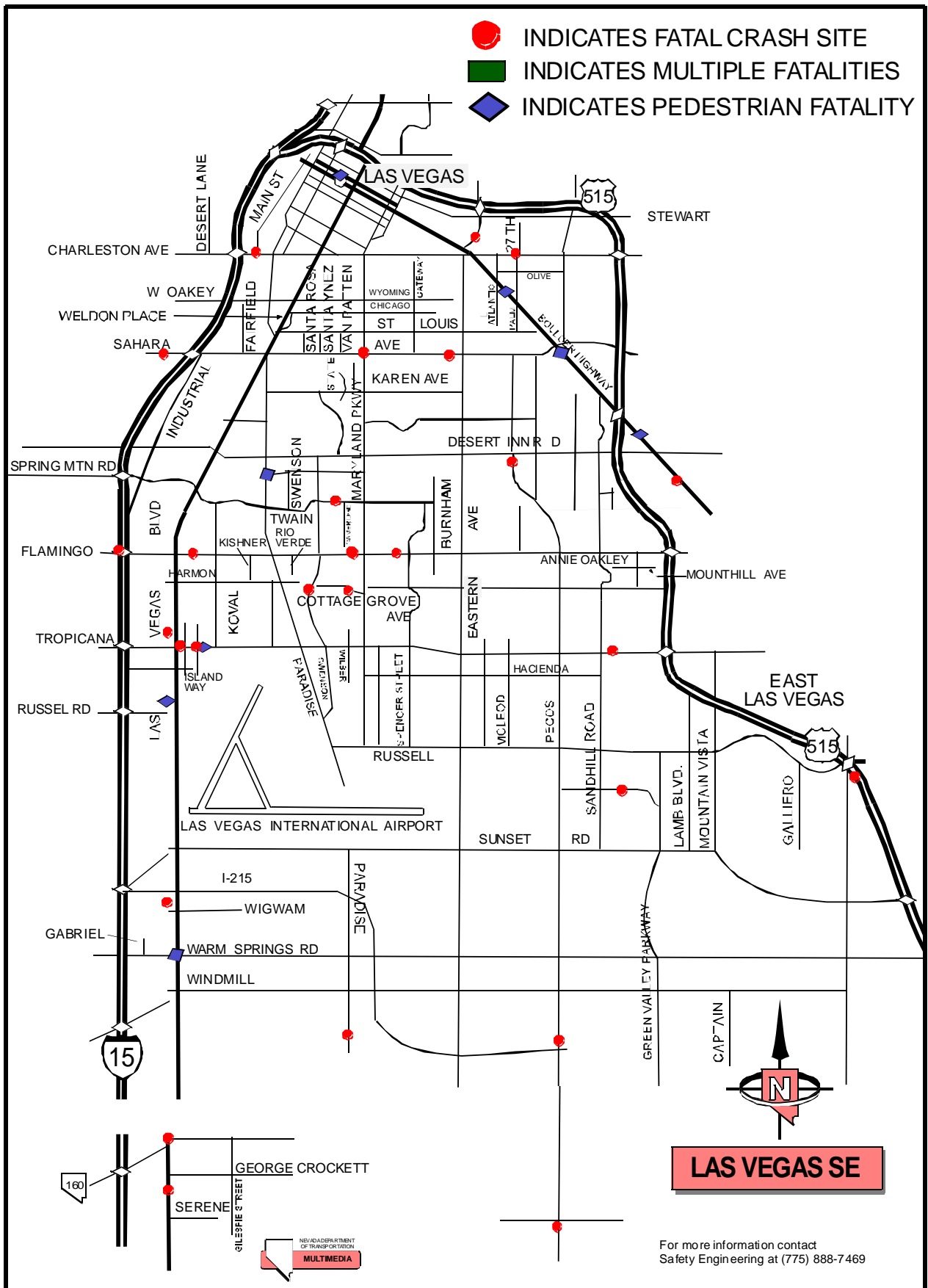


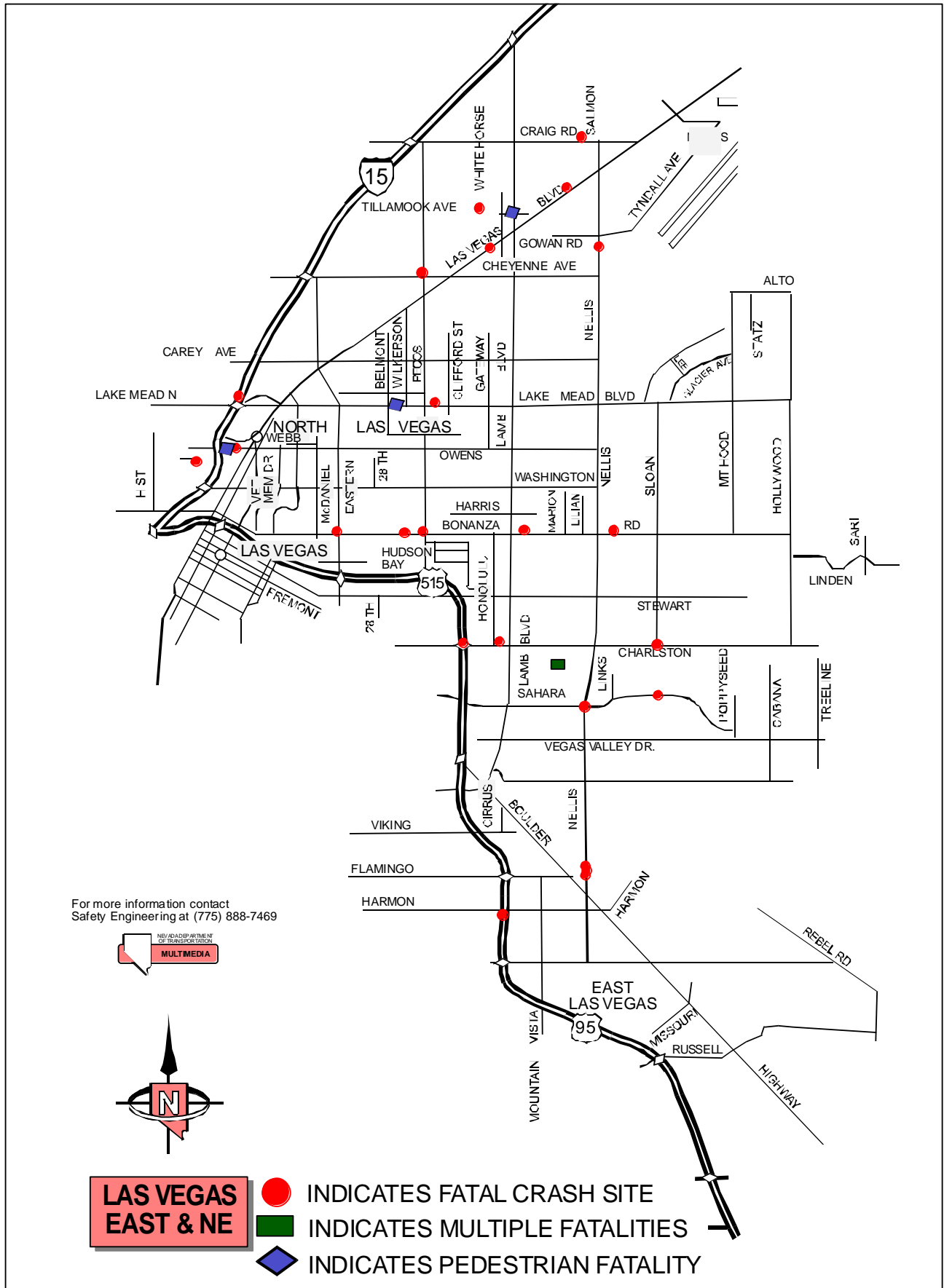
CLARK COUNTY

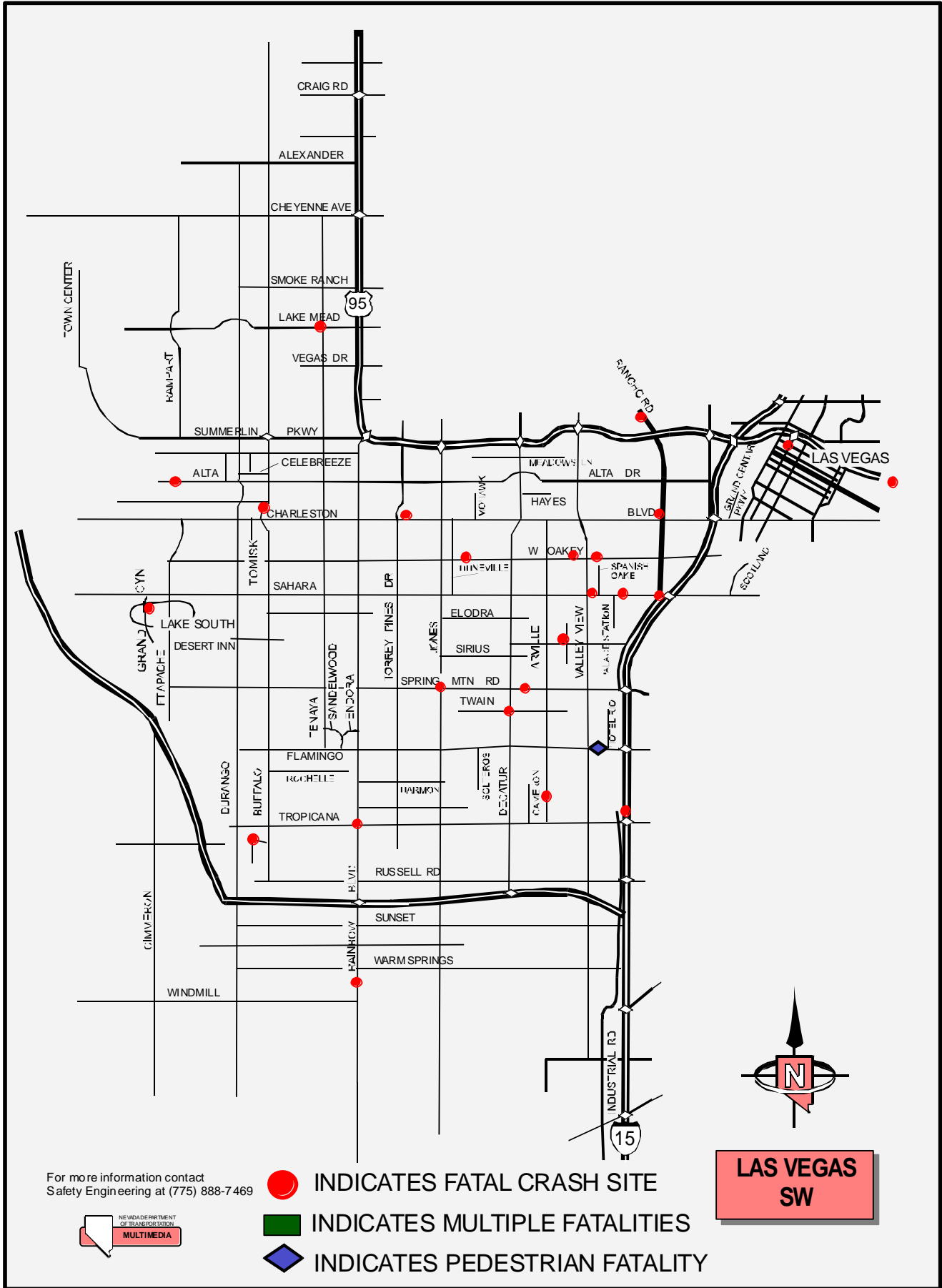
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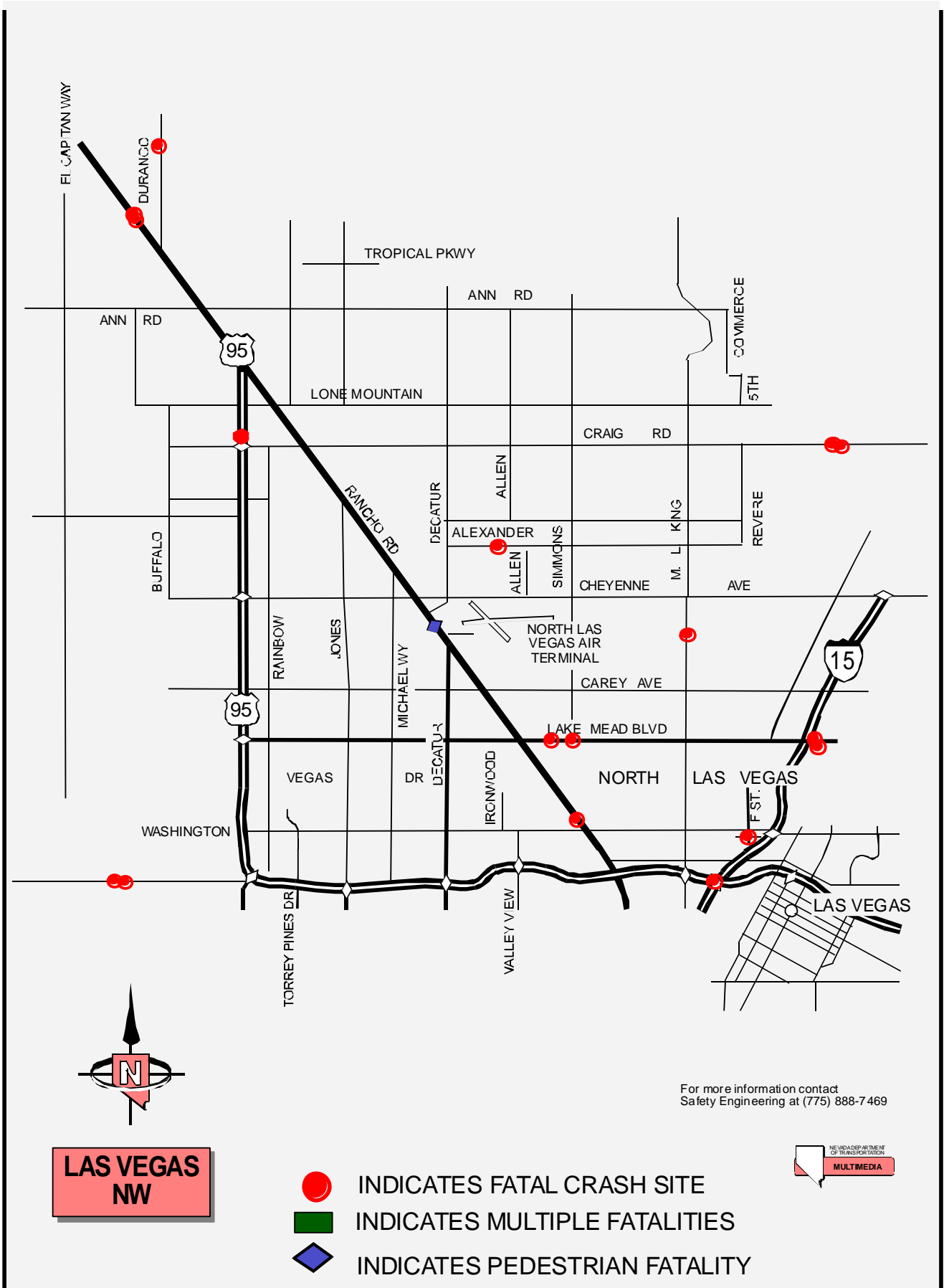
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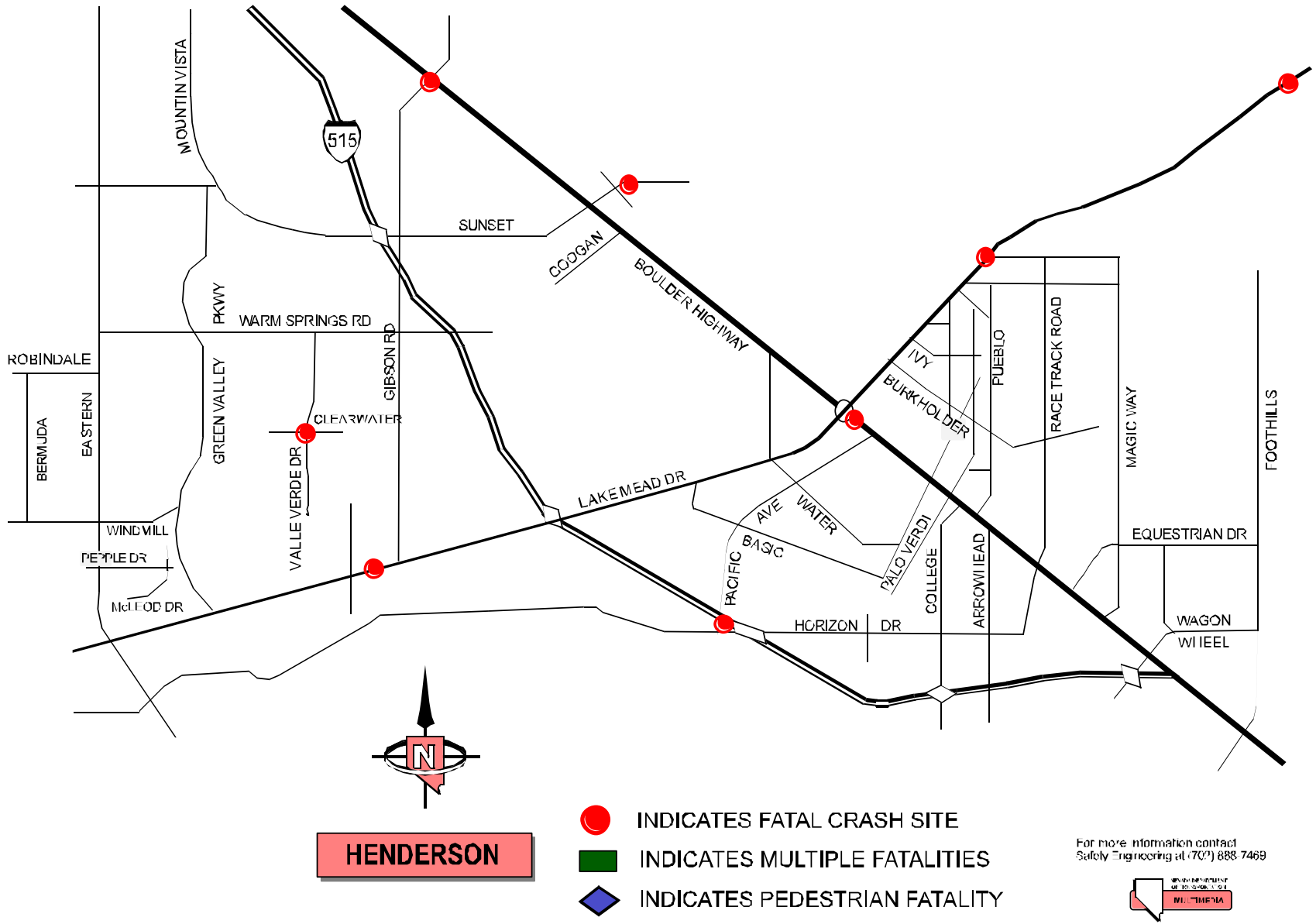






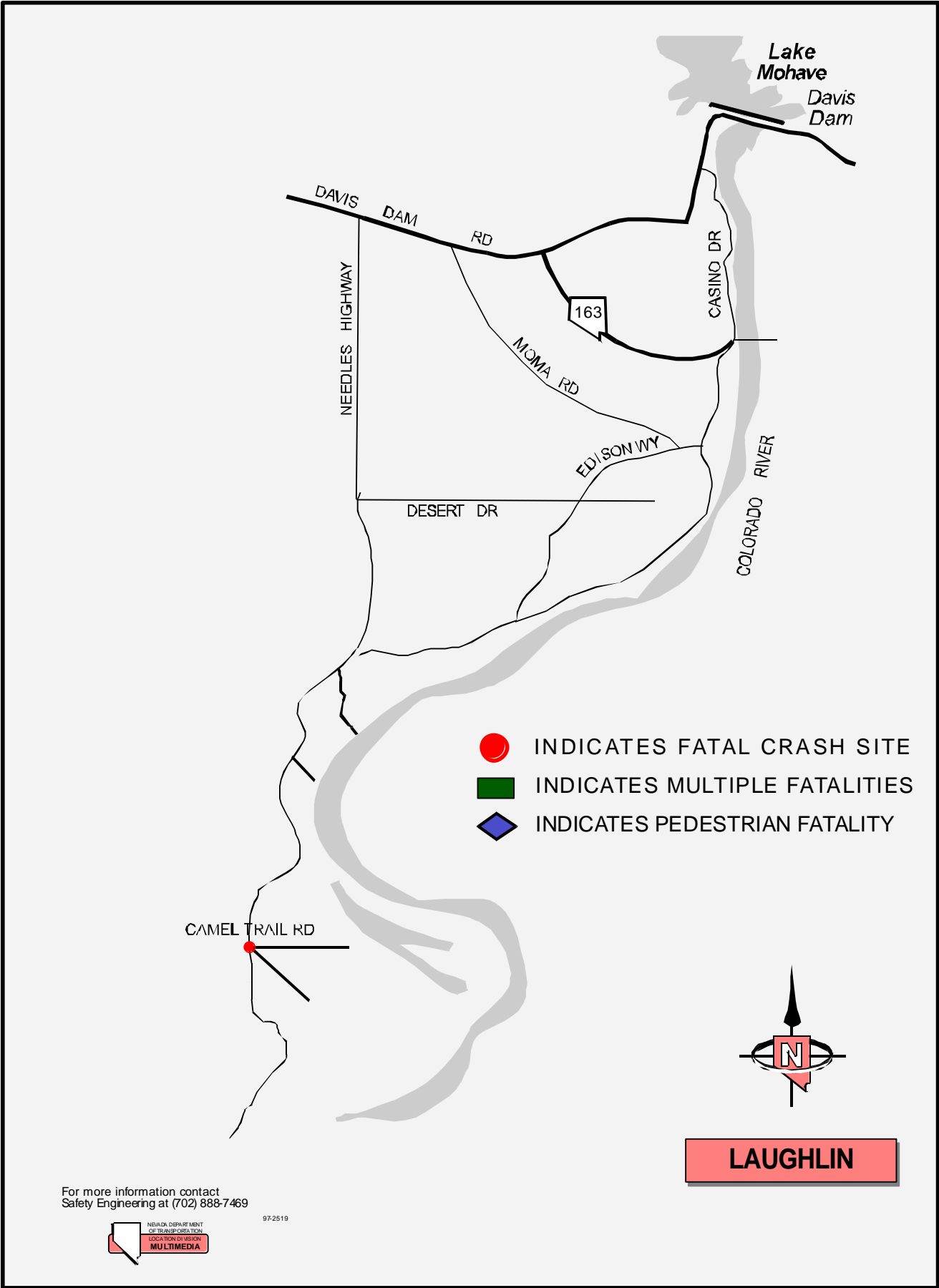


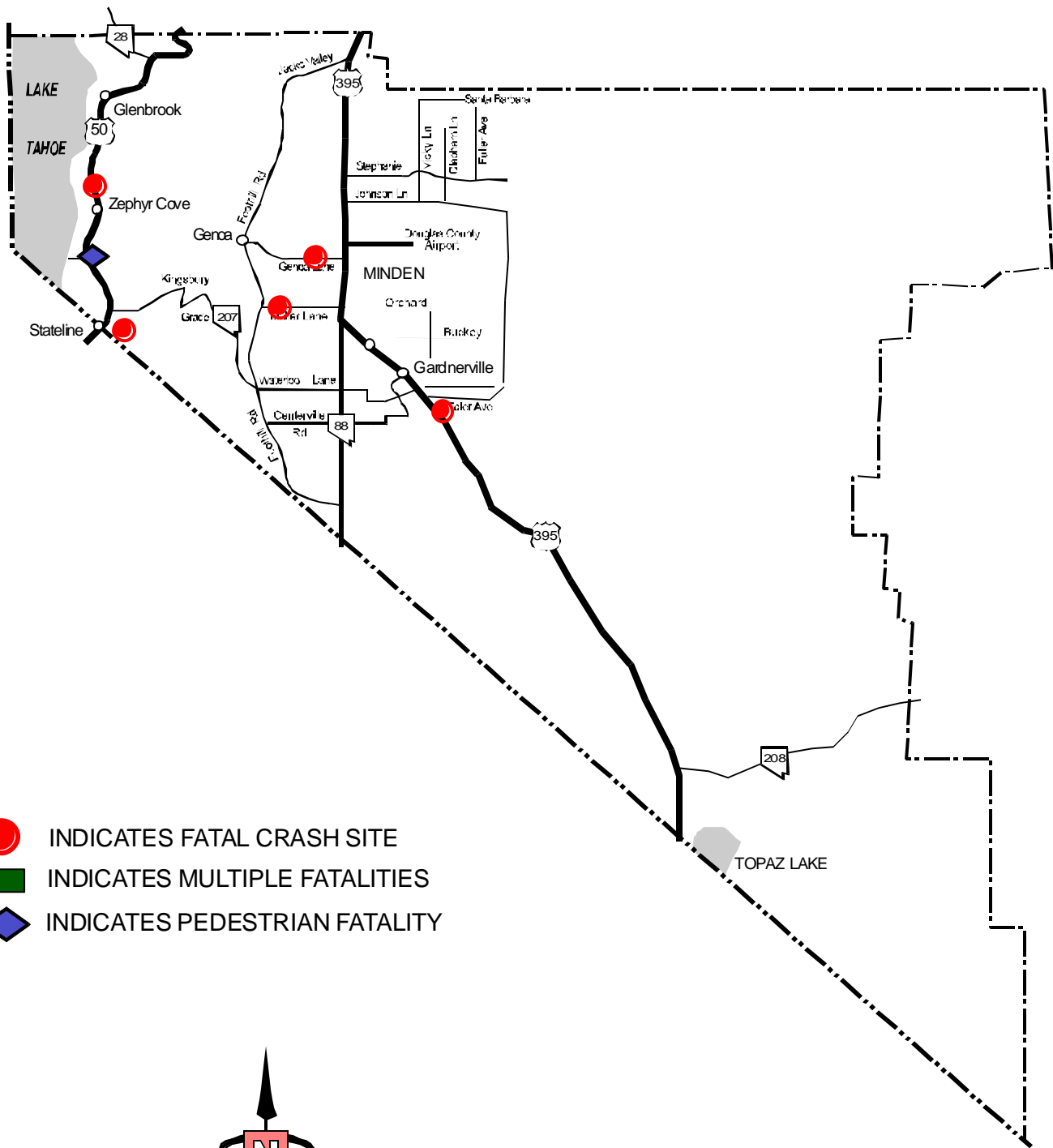







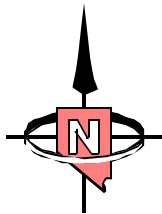
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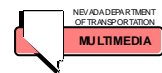


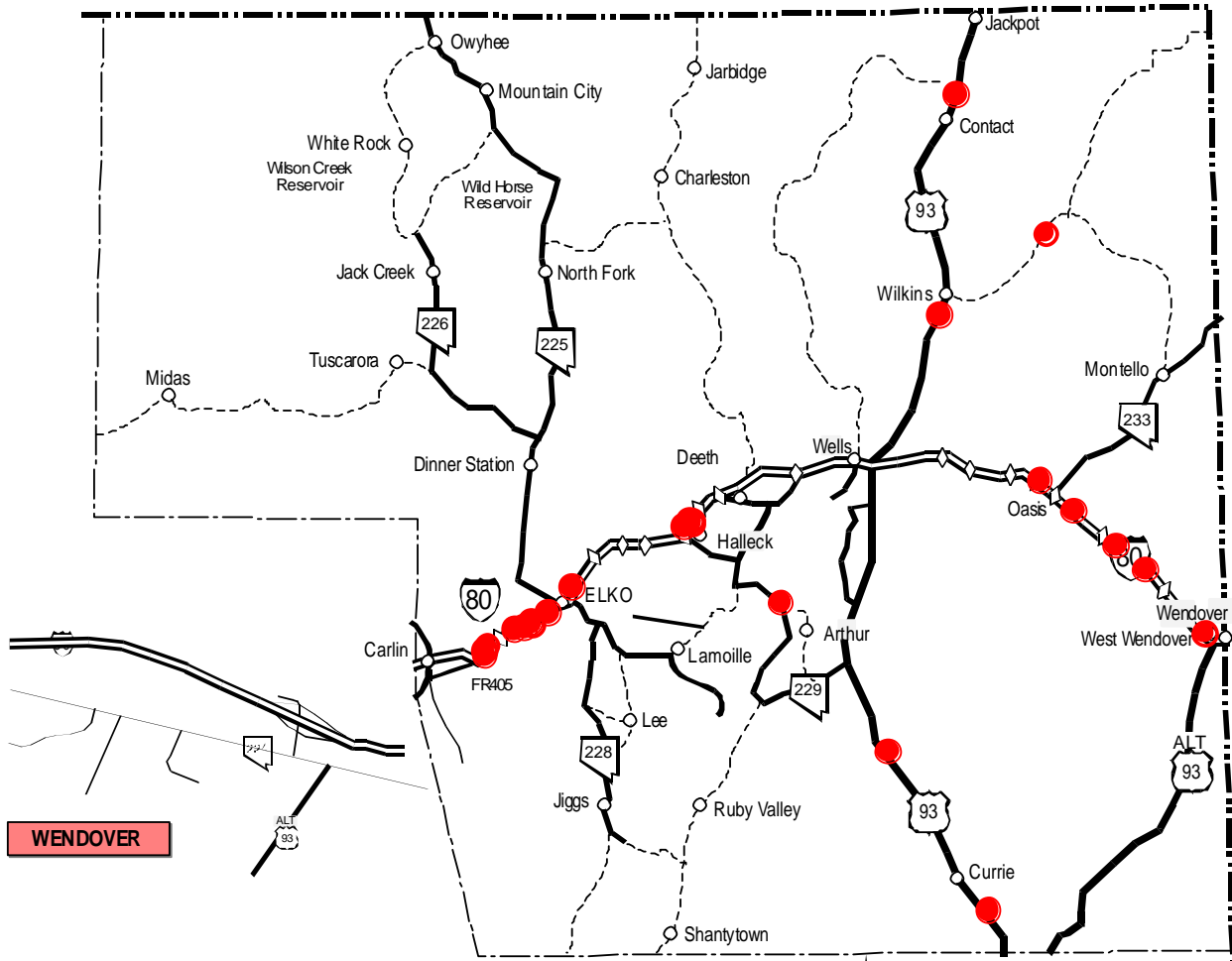
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**DOUGLAS
COUNTY**

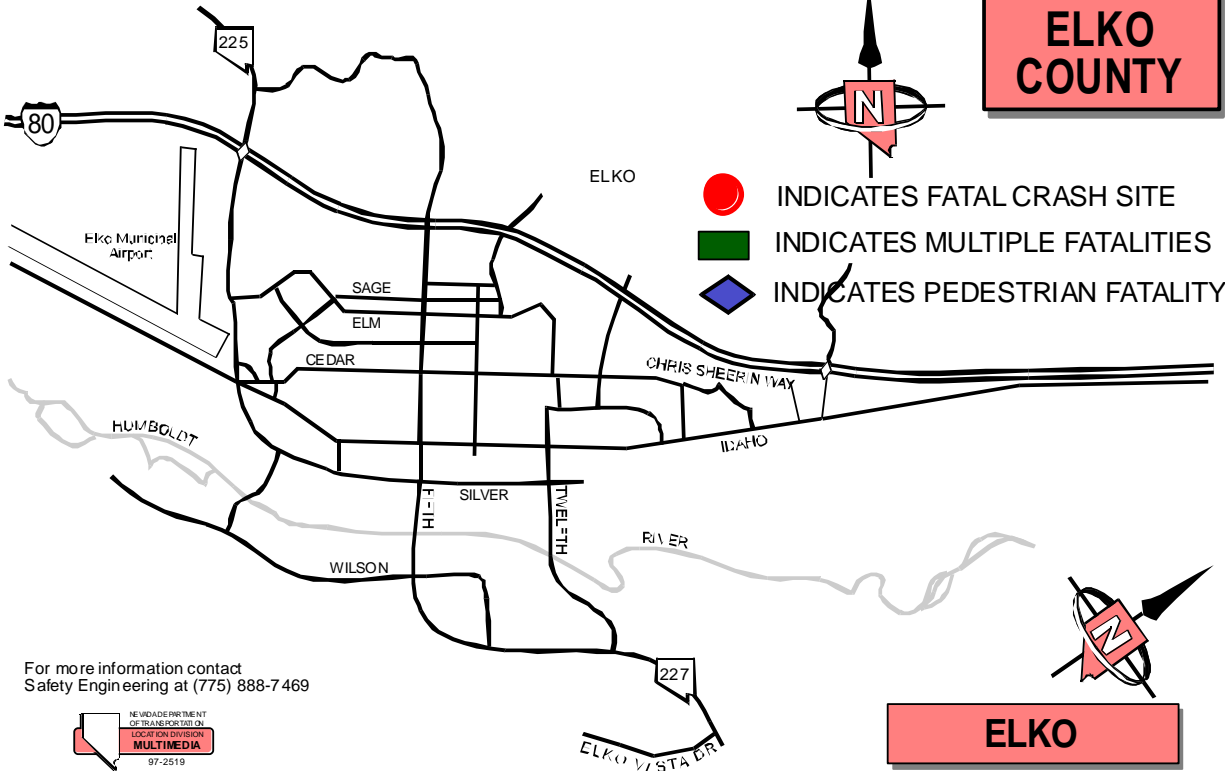
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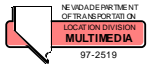


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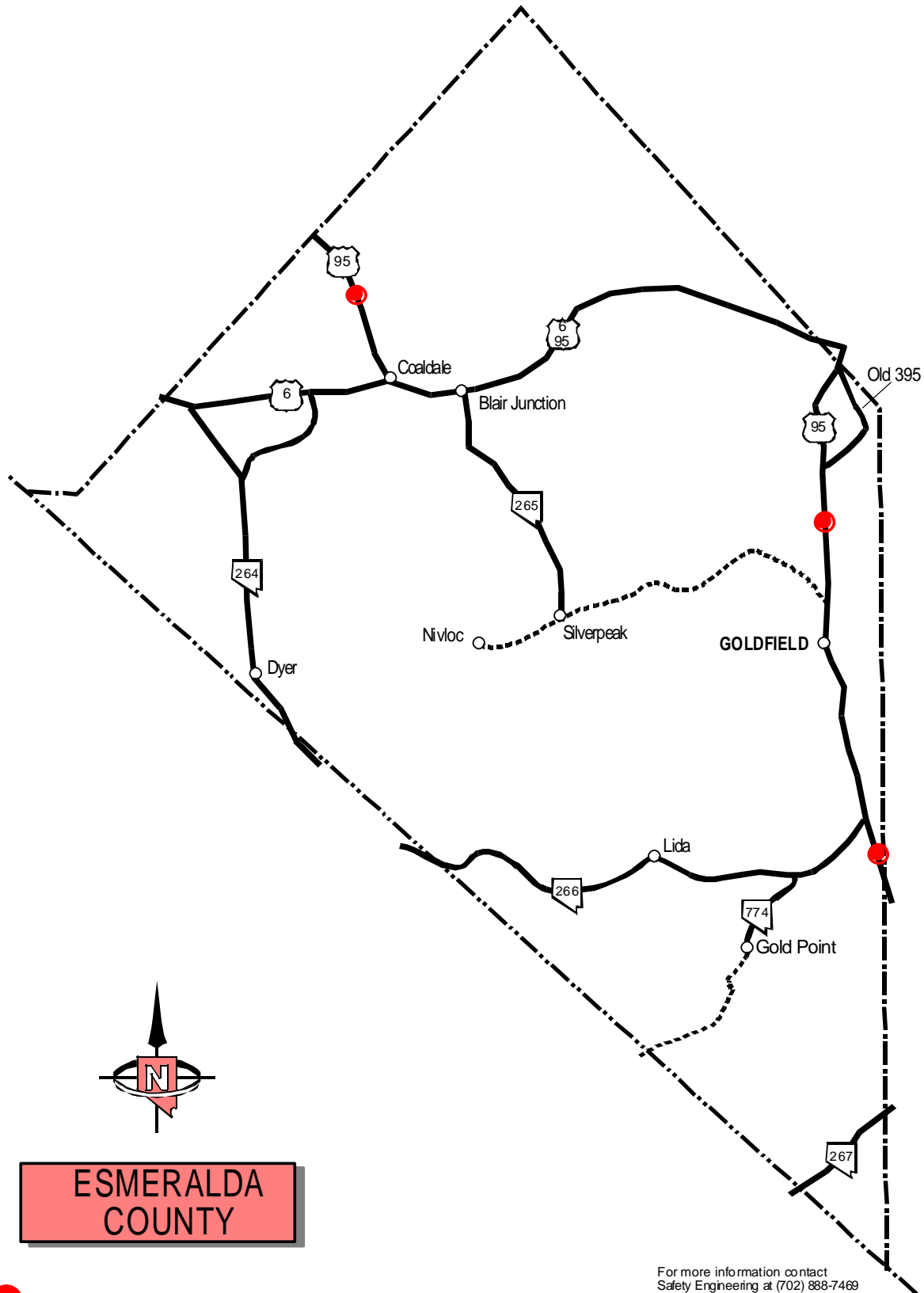
ELKO COUNTY



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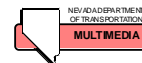


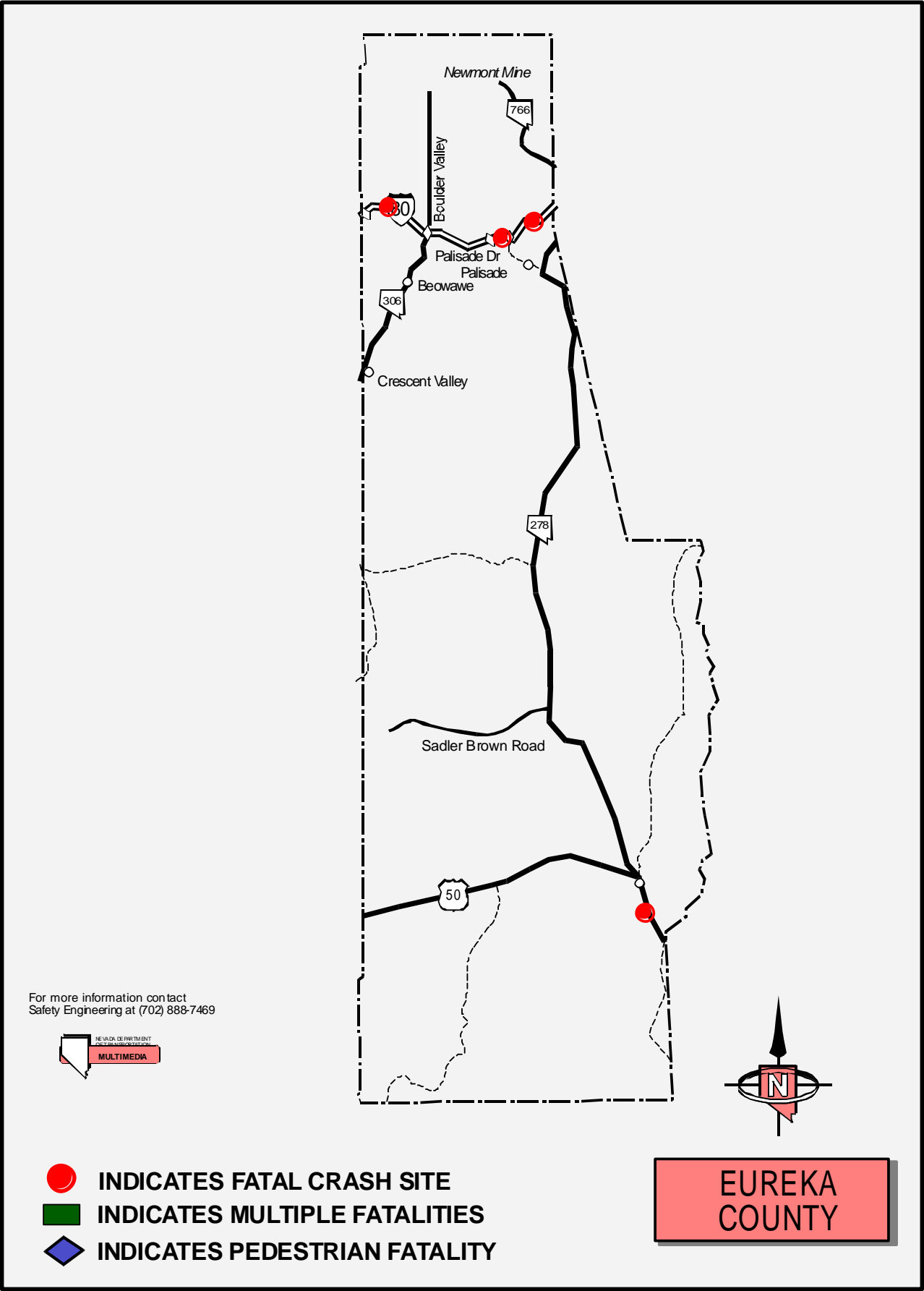
ELKO

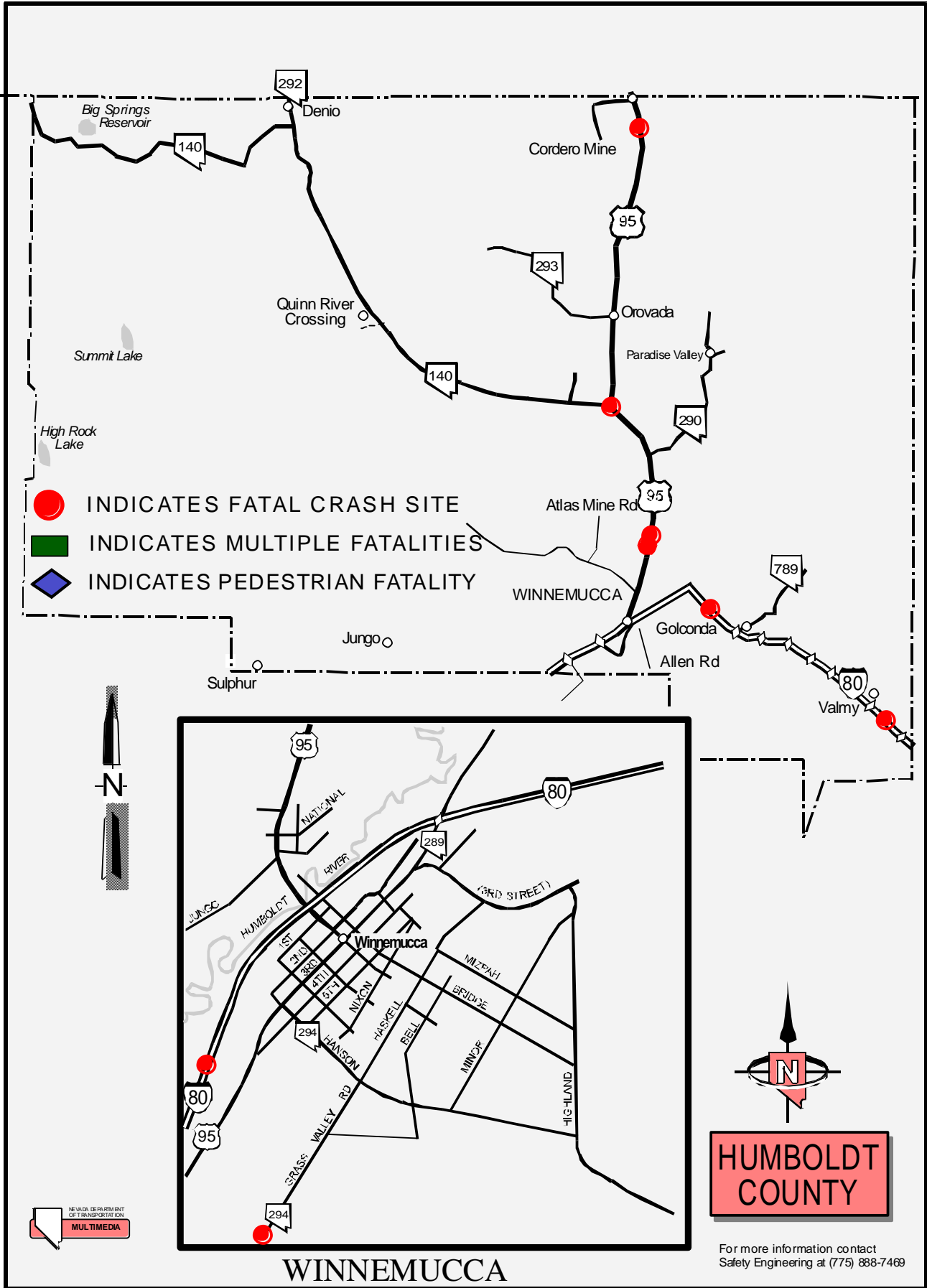





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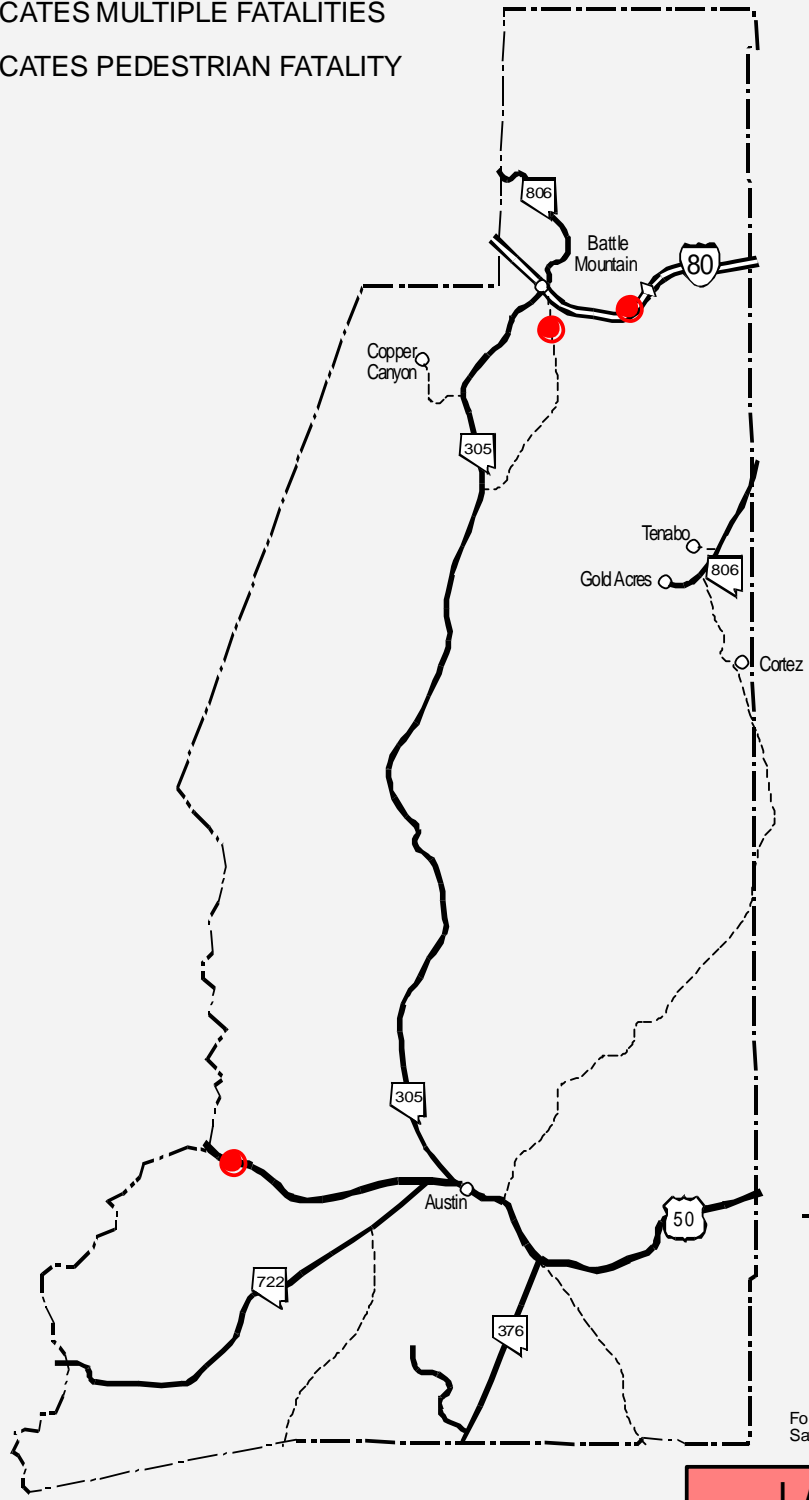
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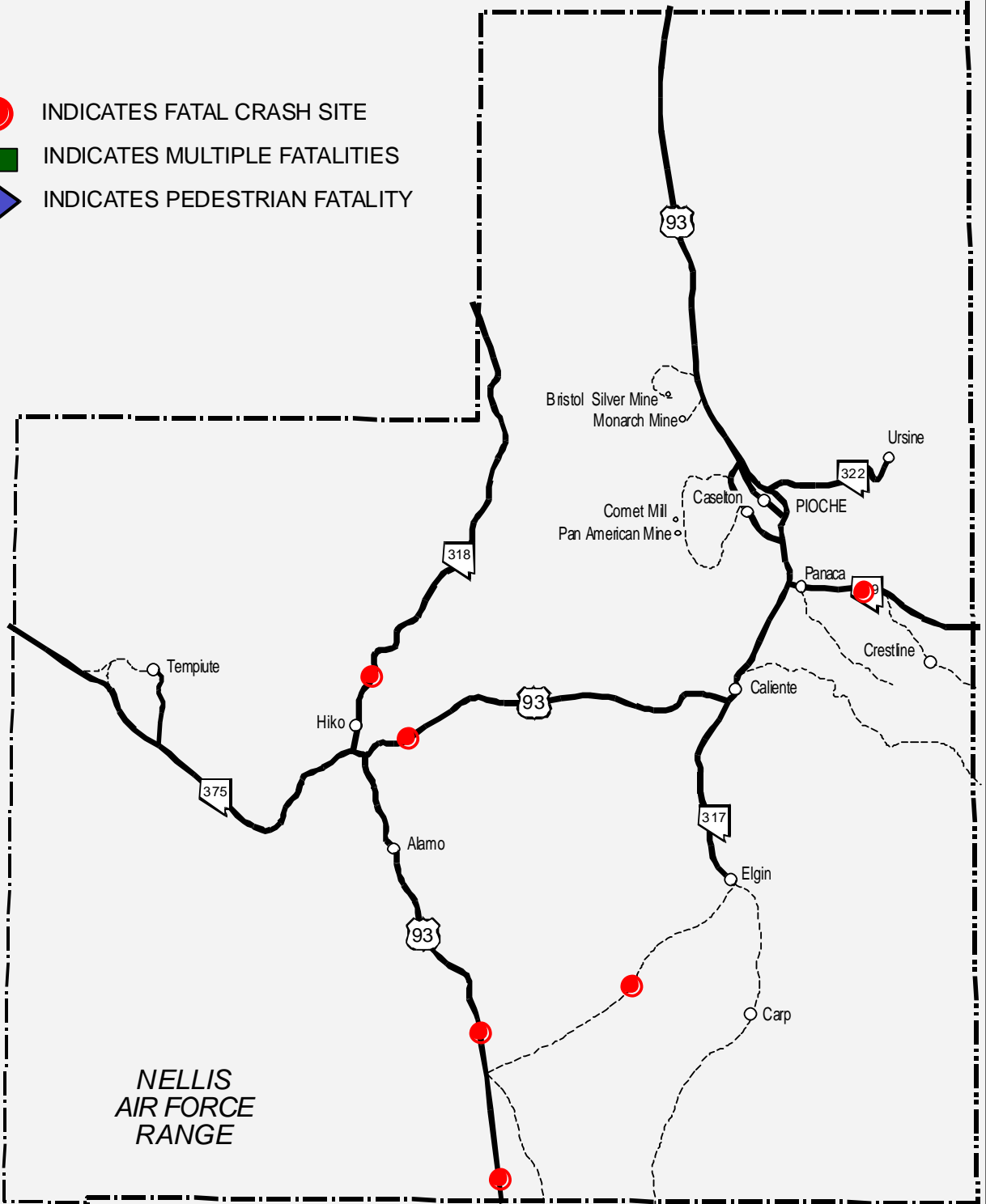


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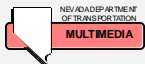
**LANDER
COUNTY**



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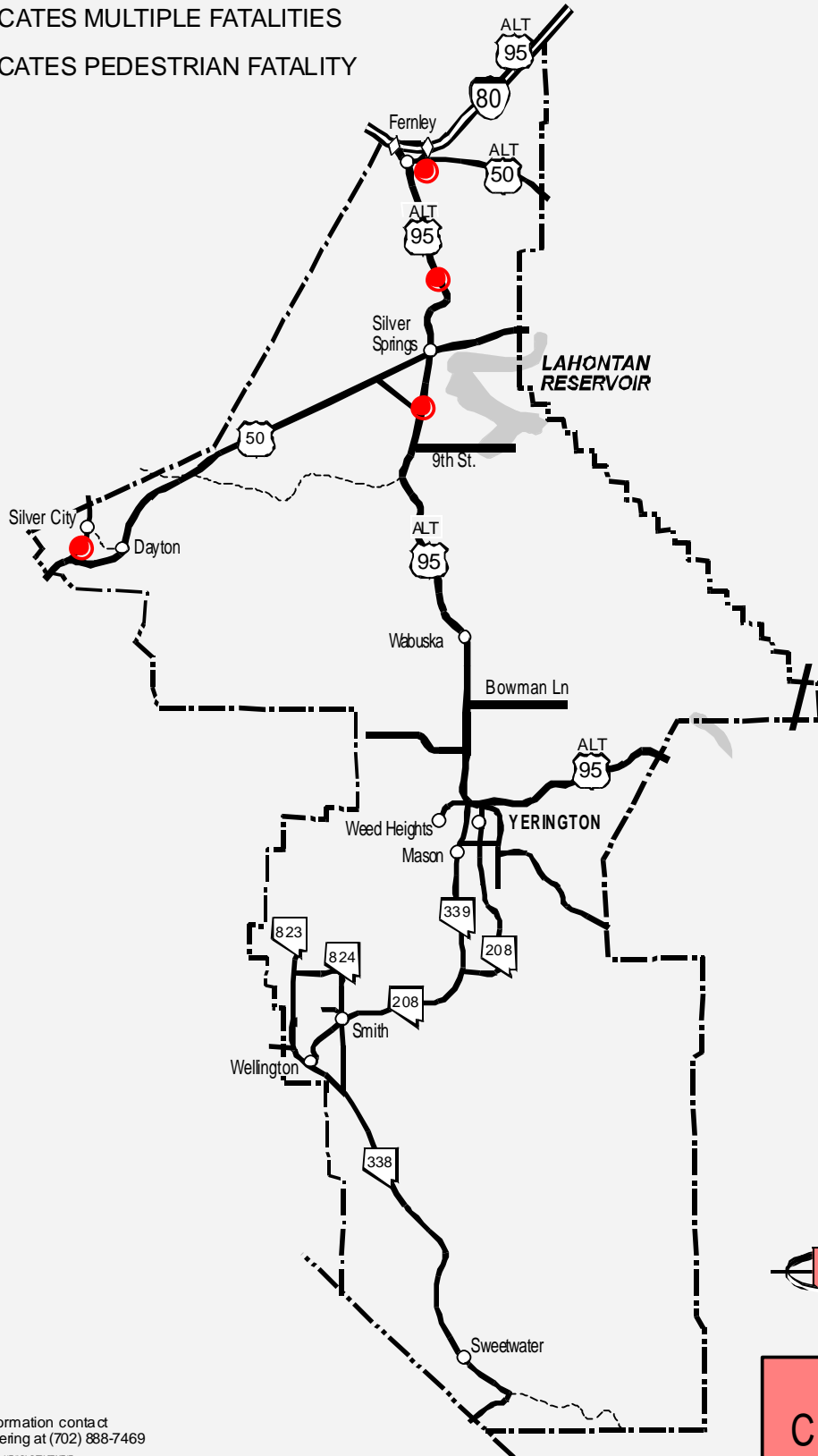
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**LINCOLN
COUNTY**

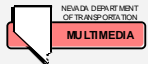





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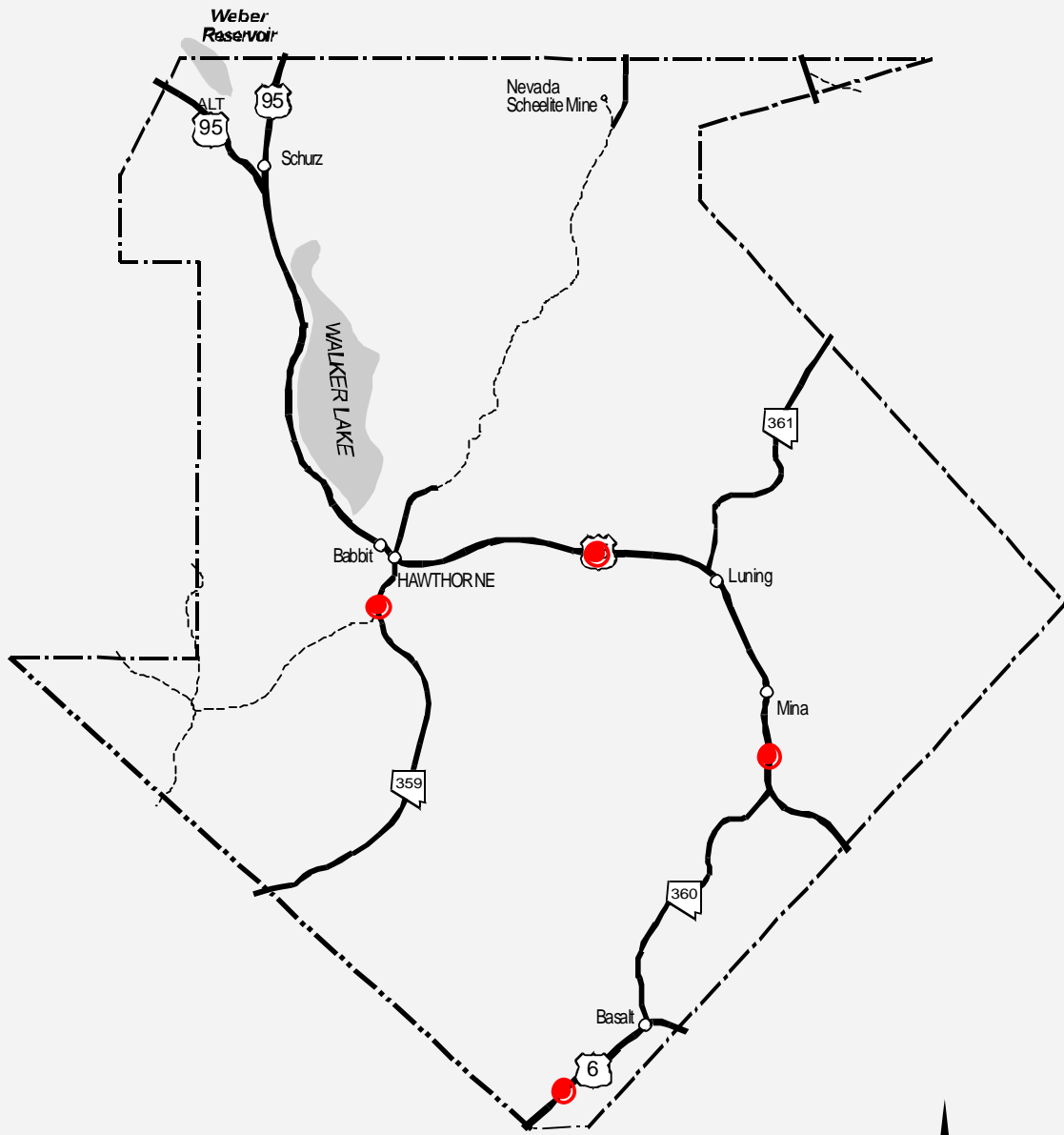


**LYON
COUNTY**

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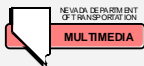


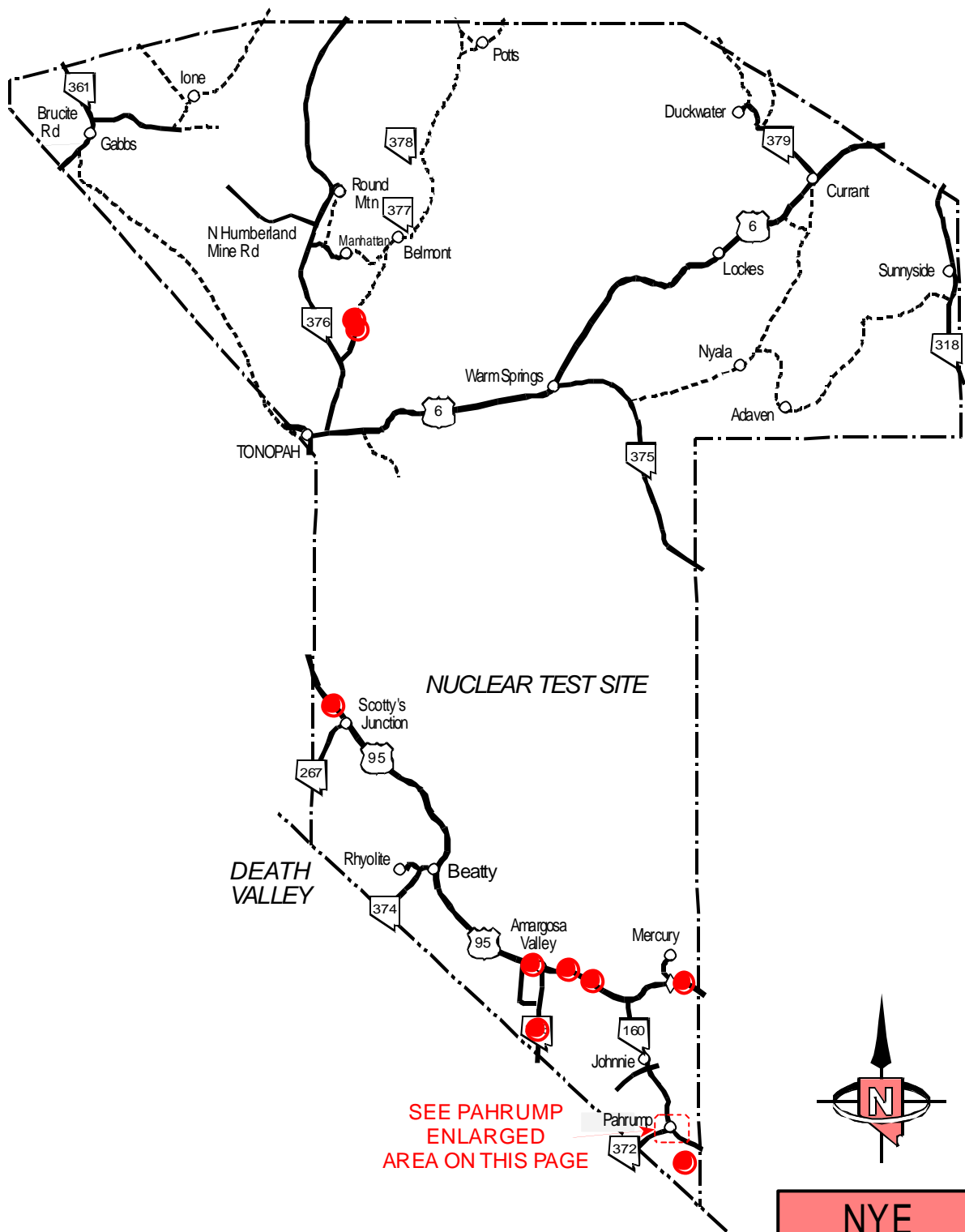
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MINERAL COUNTY

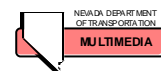
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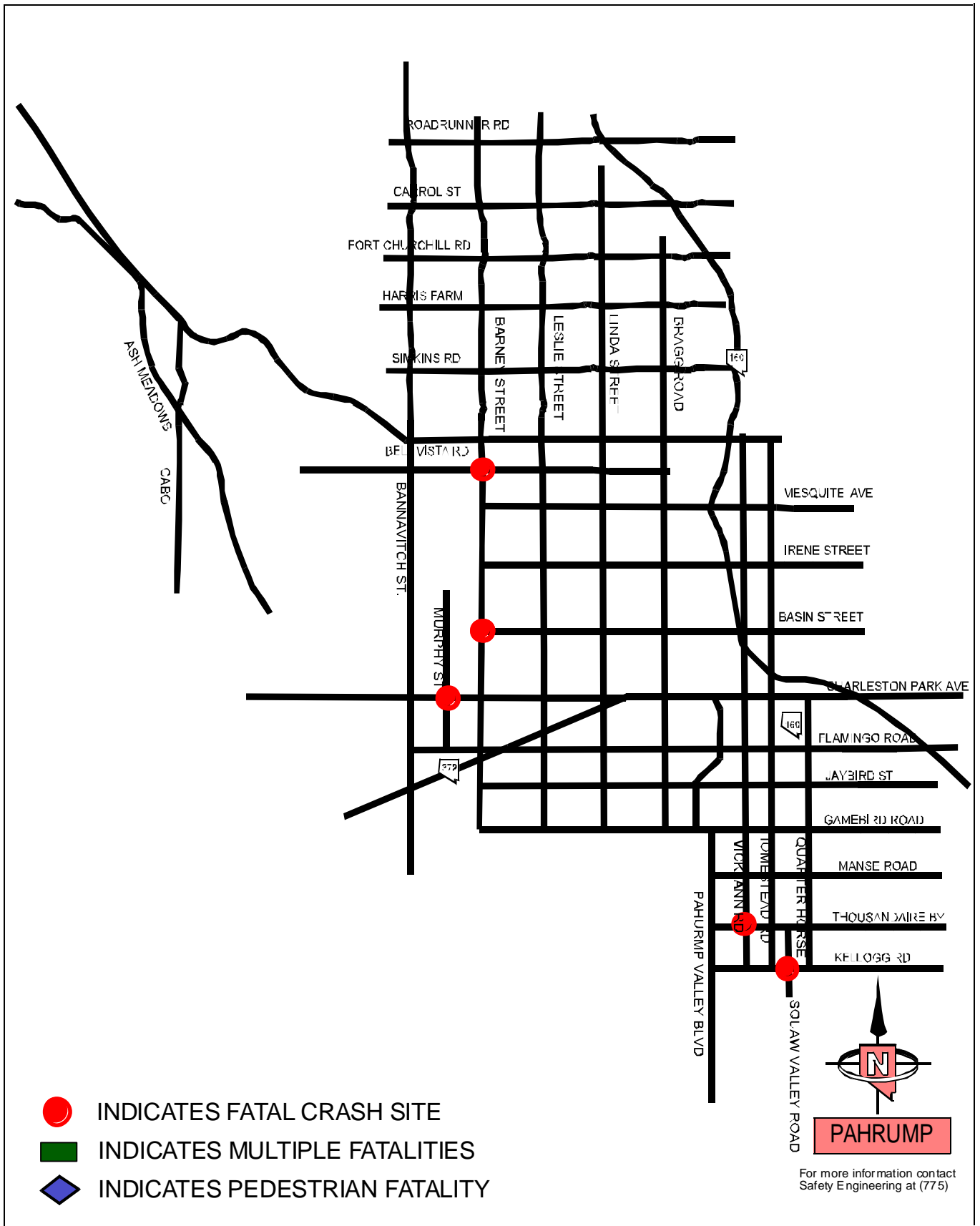


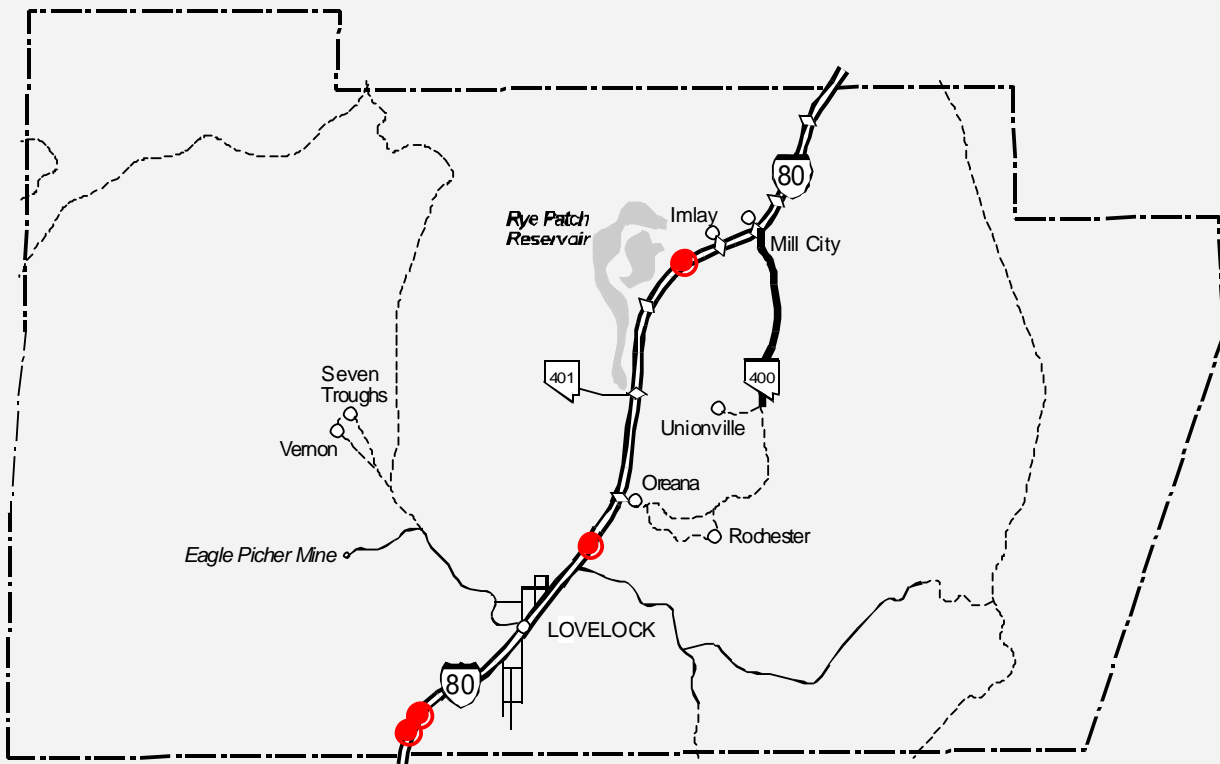


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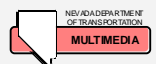


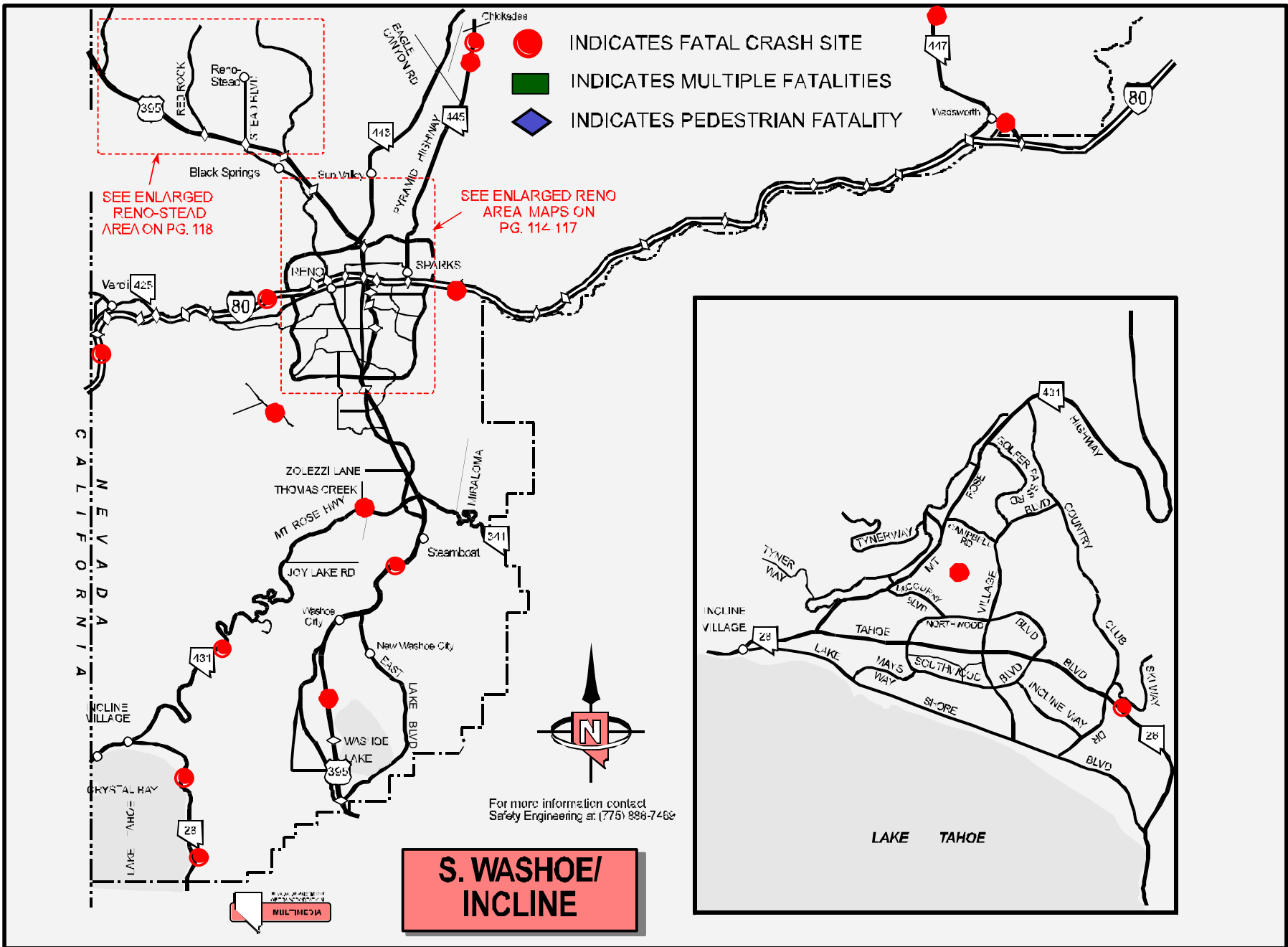
PERSHING COUNTY

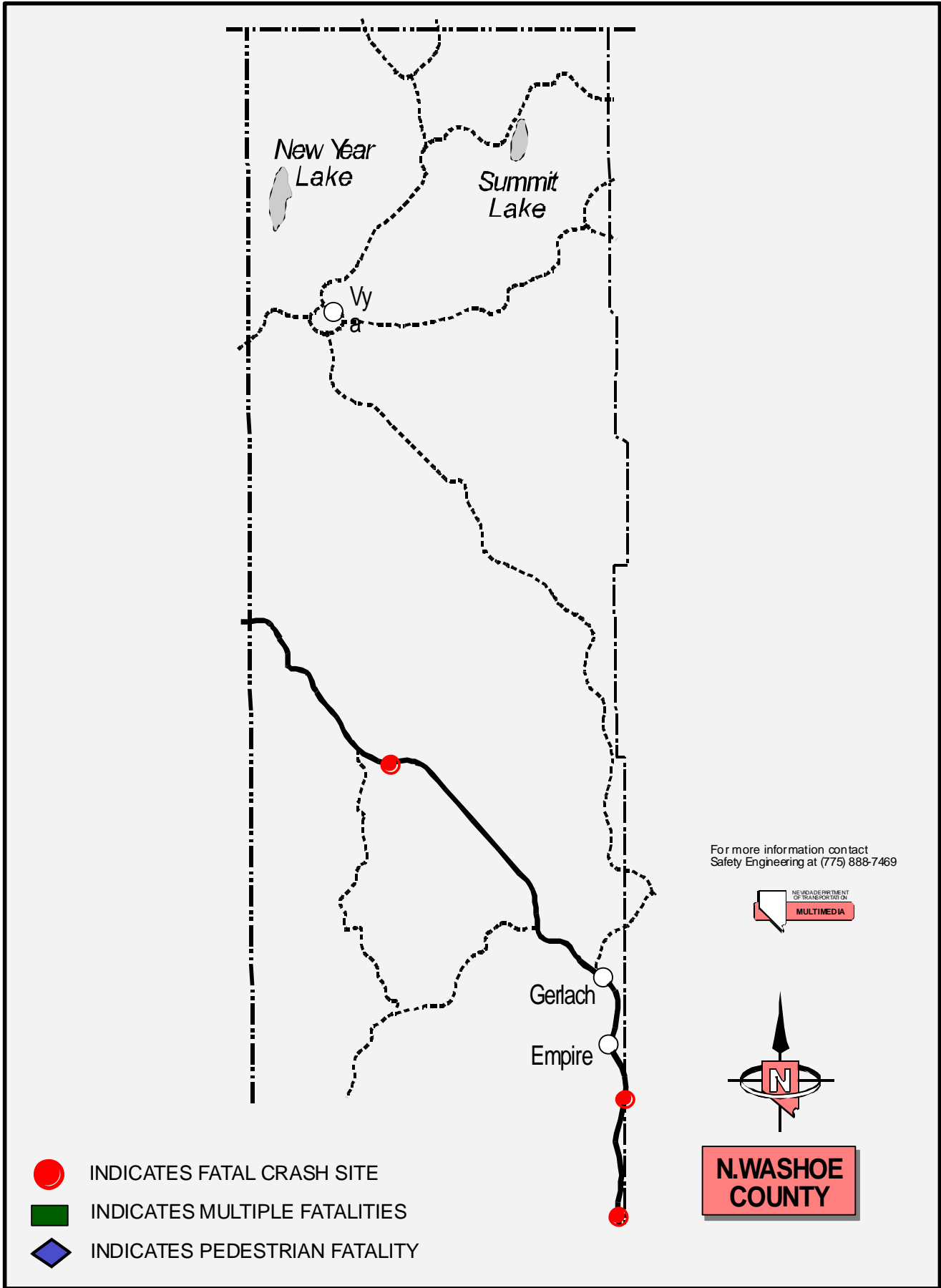
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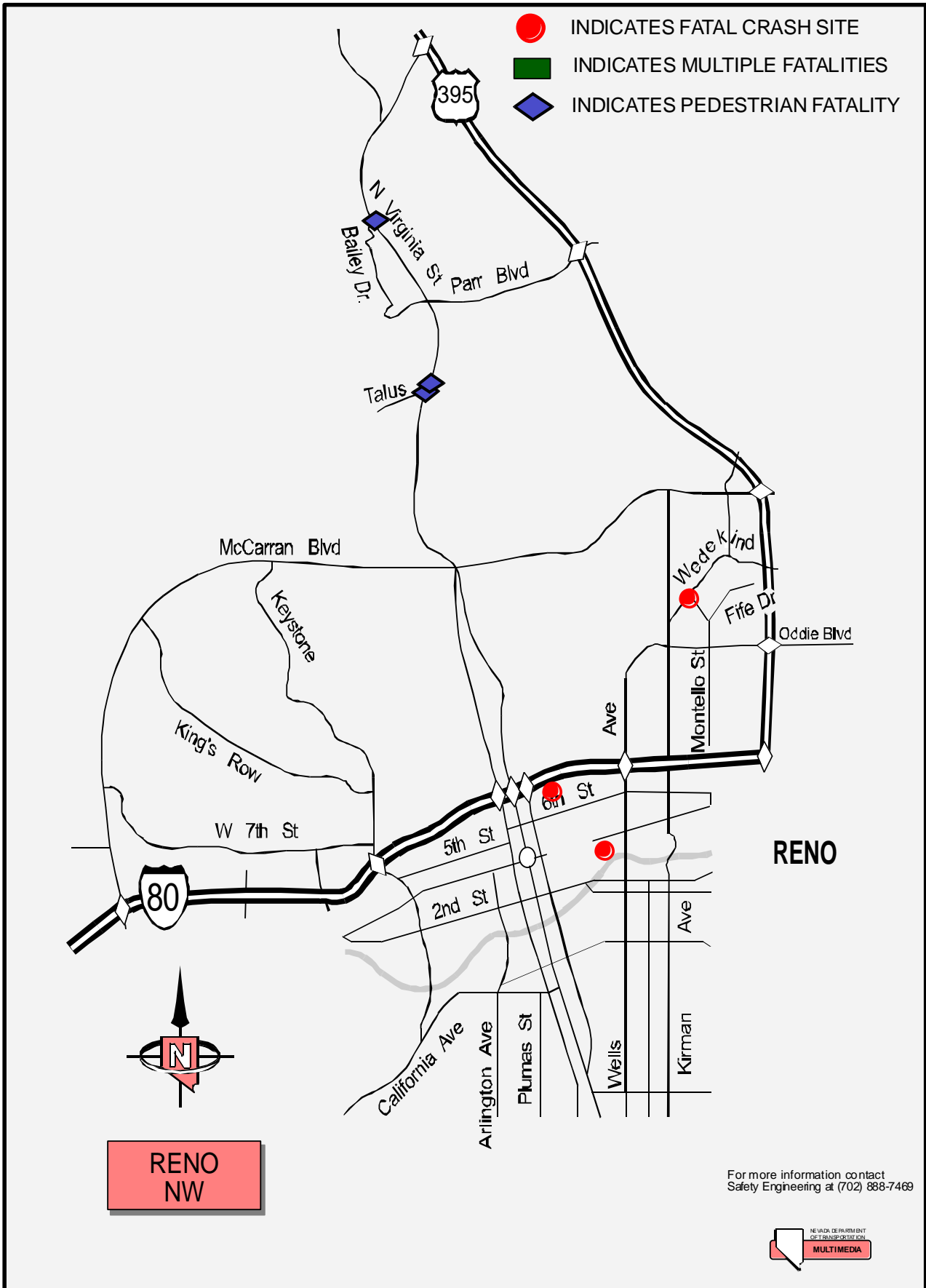
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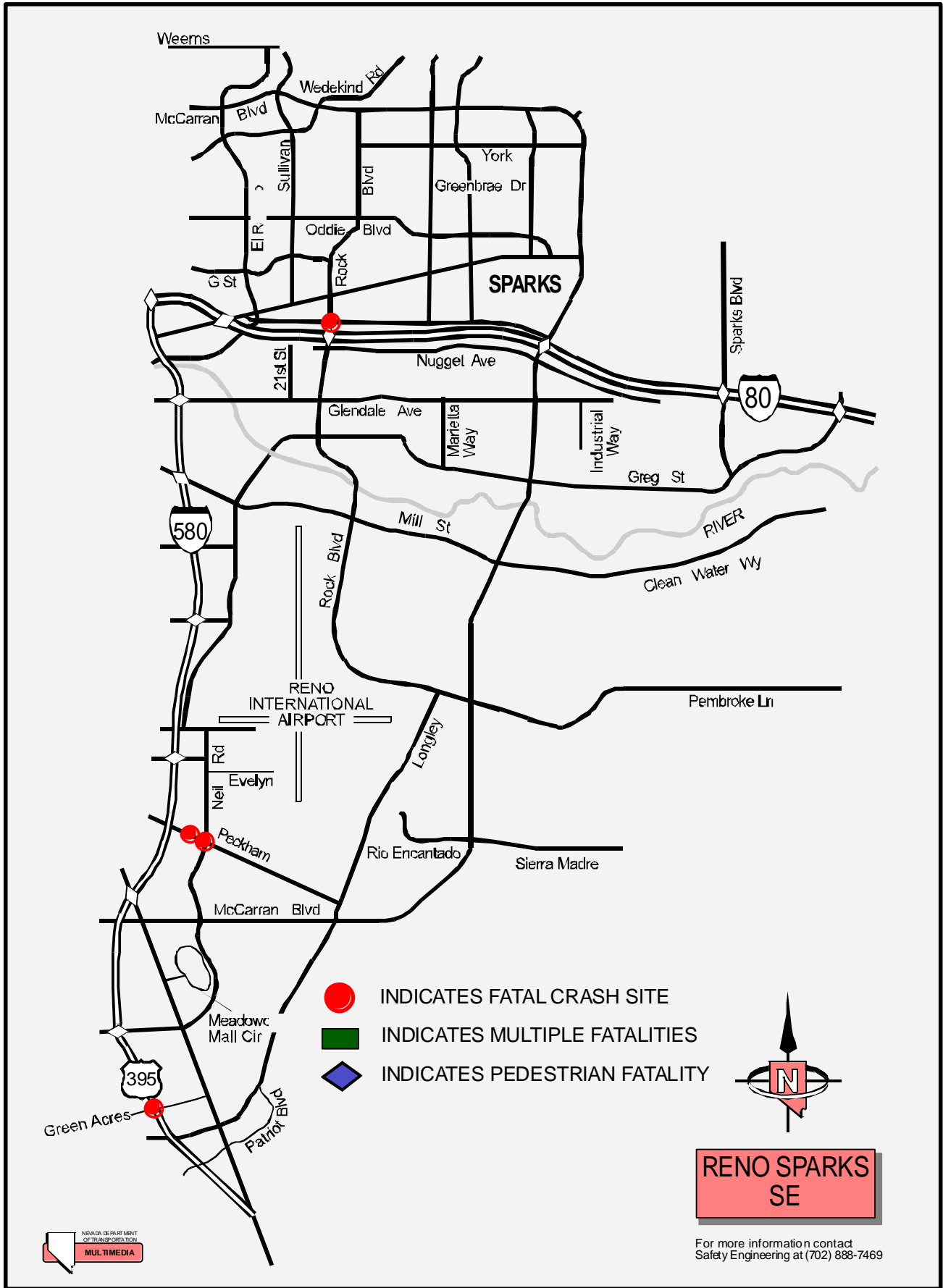
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Safety Engineering at (702) 888-7469

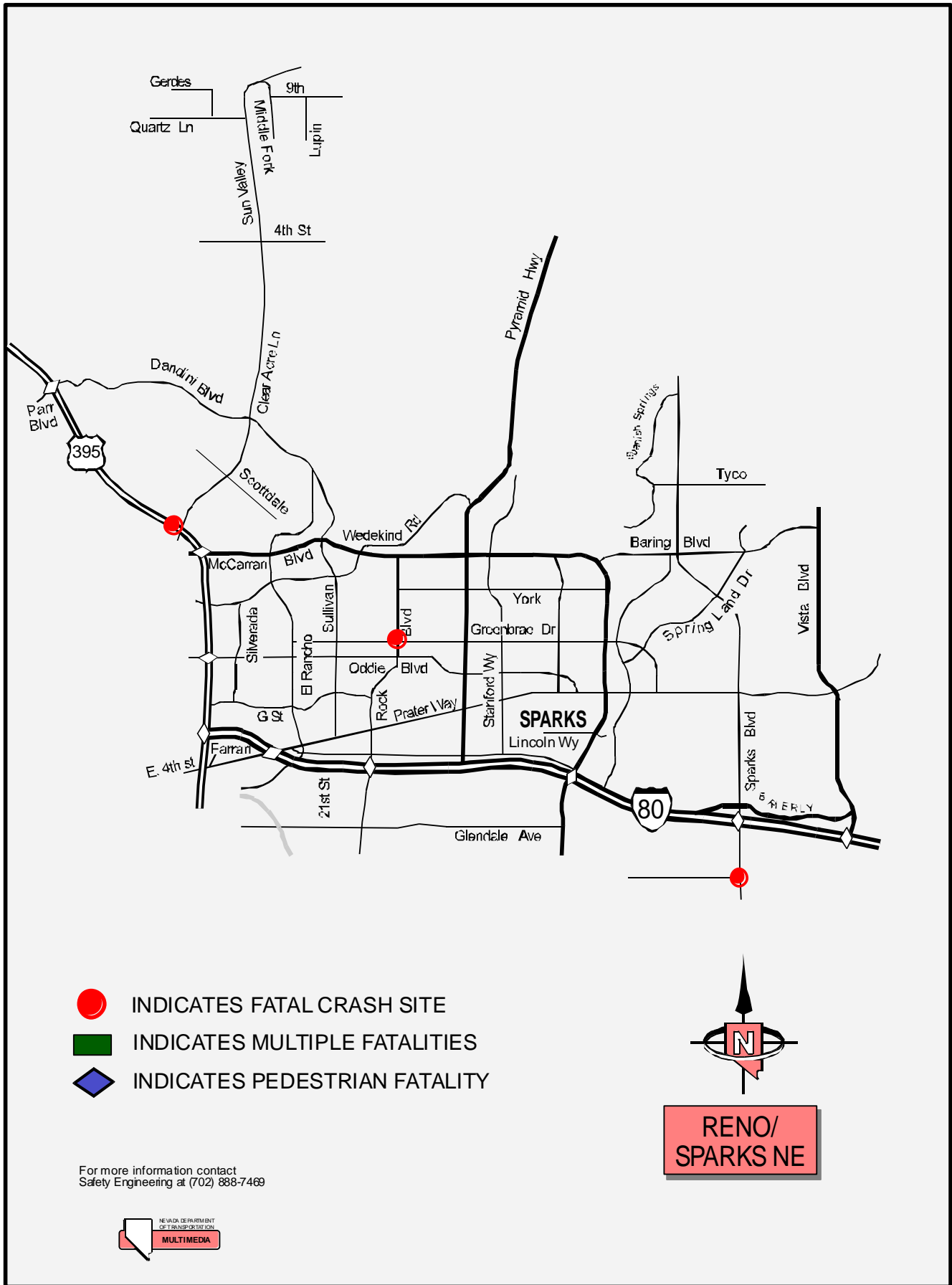







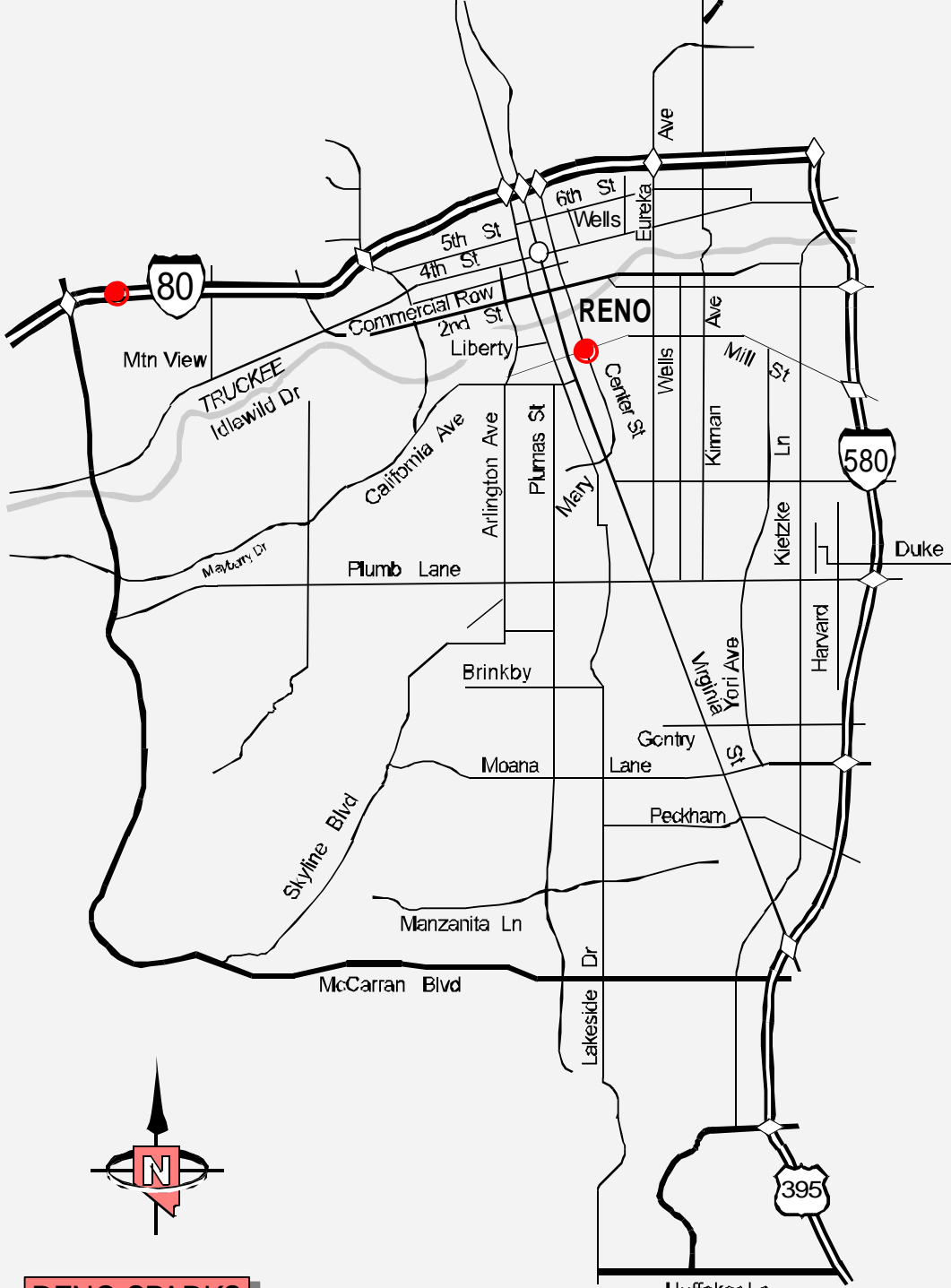






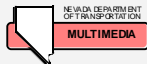


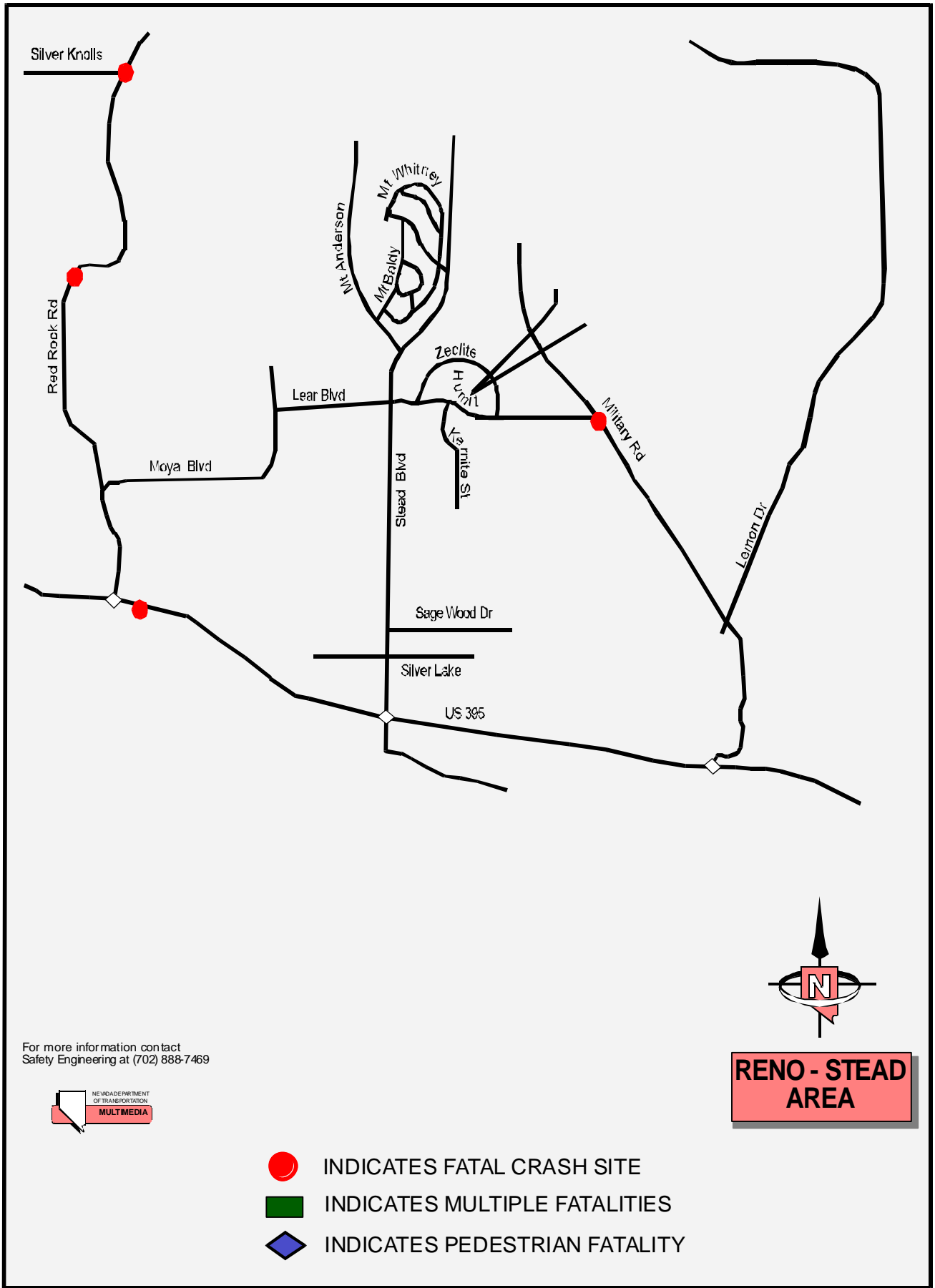
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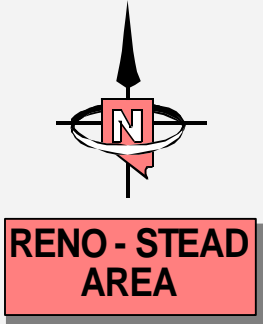
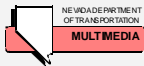
RENO SPARKS SW

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