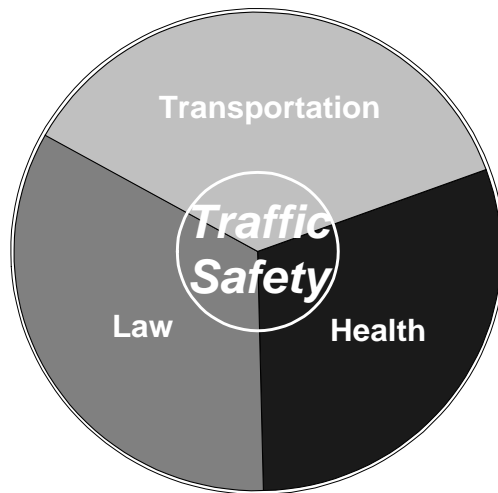


1999

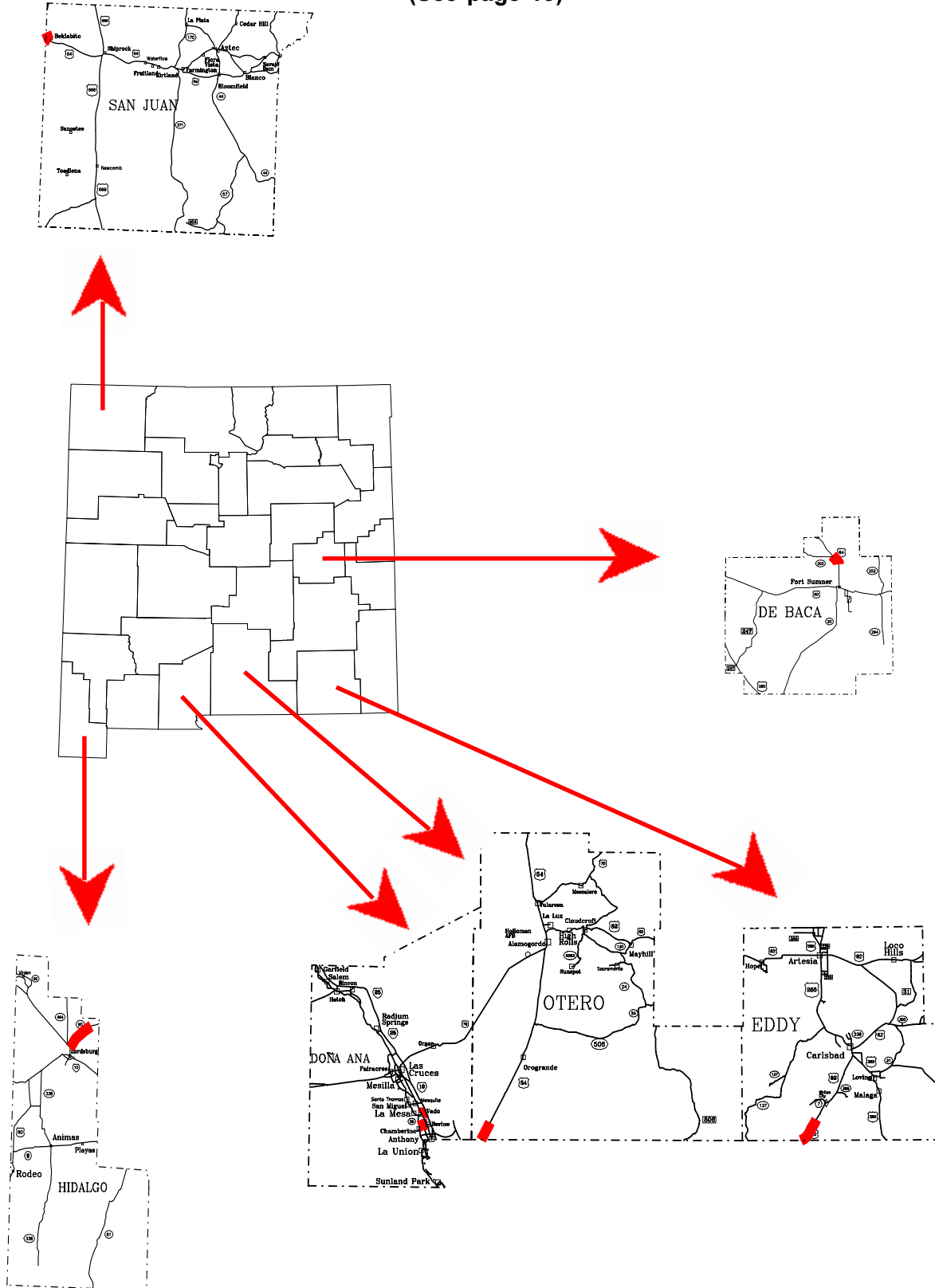
# NEW MEXICO TRAFFIC CRASH INFORMATION



New Mexico State Highway and Transportation Department  
Transportation Programs Division  
Traffic Safety Bureau

# New Mexico's Highest Crash Rate Rural Highway Segments, 1999

(See page 15)



# **New Mexico Traffic Crash Information 1999**

New Mexico State Highway and Transportation Department  
Transportation Programs Division  
Traffic Safety Bureau

March 2001

Produced by the Division of Government Research  
University of New Mexico  
Under contract number C03744

Distributed in compliance with  
New Mexico Statute 66-7-214  
as a reference source regarding  
New Mexico traffic crashes

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## INTRODUCTION

This edition of *New Mexico Traffic Crash Information* reviews traffic crash data in New Mexico from January through December, 1999. It presents crash data in the form of graphs for those who prefer an impressionistic view and tables for those who require reference information. Maps are provided where a geographic perspective is useful.

The statistics shown in this publication reflect only those crashes that occurred on public roadways and resulted in death, personal injury, or \$500 or more in property damage according to the investigating officer's judgement. No account is kept of unreported crashes or crashes that occurred on private property.

The information found in this report was drawn from the Uniform Accident reports, which are distinct from those required by New Mexico's Financial Responsibility Act: statutes 66-5-201 to 66-5-239. These reports are compiled and processed by the Transportation Statistics Bureau of the New Mexico State Highway and Transportation Department, and analyzed under contract by the Division of Government Research for statistical analysis and report generation. Since the data are occasionally incomplete or imprecise, discrepancies may be found in a few tables, or in comparison to other data sources. Estimated and revised figures are indicated where applicable. The tables and graphs which appeared in editions of this report prior to 1993 **only** showed counts of occupants that were involved in fatal or injury crashes. Since 1993, these same tables and graphs display counts of **all** occupants involved in crashes (i.e., this now includes occupants involved in property-damage-only crashes).

A great debt is owed to those hundreds of police officers across the state who made this report possible.

**Note:** The 1999 crash file contains 15% fewer crashes than the 1998 file. This may be due to problems in implementing the new system after the old system failed, or to underreporting. Care should be used in interpreting differences between 1998 and 1999.

Requests for further information or additional copies of this report should be addressed to:

Traffic Safety Bureau  
Transportation Programs Division  
State Highway and Transportation Department  
State of New Mexico  
P.O. Box 1149  
Santa Fe, New Mexico 87504-1149  
(505) 827-0427  
web site: <http://www.unm.edu/~dgrint/tsb.html>

The following is a list of terms and associated definitions which appear throughout this report.

**Alcohol-involved** - a crash in which the Uniform Accident report indicated that 1) a DWI citation was issued, 2) alcohol was a contributing factor to the crash, or 3) a driver or pedestrian involved in the crash had been drinking.

**Crash Rate** - crashes per 100 Million Vehicle Miles unless otherwise specified.

**Death Rate** - traffic fatalities per 100 Million Vehicle Miles unless otherwise specified.

**Drivers** - drivers do not include pedalcyclists or pedestrians.

**Fatal Crash** - a crash in which at least one individual was killed.

**Fatalities** - see killed.

**Injured** - the number of people injured in a crash, as opposed to the number of crashes in which people were injured. Counts include people injured but not killed in fatal crashes.

**Injury Crash** - a crash in which at least one individual was injured. Fatal crashes are not included in this category.

**Killed** - the number of people killed in a crash, as opposed to the number of crashes in which people were killed. The term fatalities is synonymous with killed.

**Local Resident** - a person whose residence was within 25 miles of the crash site.

**Minor Injuries** - a possible non-visible injury, or an injury of unknown severity.

**Property Damage Only (Property Damage)** - designates a crash that did not involve injuries or fatalities.

**Rural** - an area with a population of 2,500 or less.

**Serious Injuries** - 1) an incapacitating injury, 2) a visible but not incapacitating injury.

**Traffic Crash** - an incident on a public roadway involving one or more motor vehicles that resulted in death, personal injury, or at least \$500 in property damage.

**Urban** - a town or a city with a population of 2,500 or more.

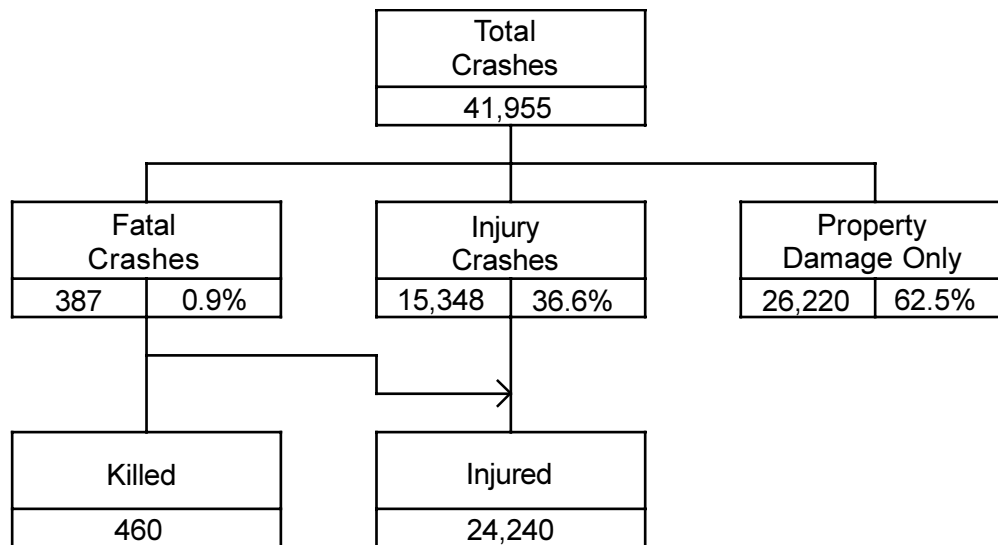
**Vehicle Miles** - the number of miles traveled annually by motor vehicles. MVM and 100 MVM stand for million and one hundred million vehicle miles, respectively.

# OVERVIEW

## In 1999 ...

- An individual died in a crash every 19 hours.
- A person was injured in a crash every 22 minutes.
- A traffic crash occurred every 13 minutes.

## Crashes in New Mexico by Severity, 1999



## New Mexico Roadway Statistics, 1990 - 1999

Calendar Year	New Mexico					Death Rates <sup>1</sup>	
	Motor Vehicle Registrations	MVM <sup>2</sup> Traveled	Population	Traffic Fatalities	Traffic Injuries	New Mexico	United States <sup>3</sup>
1999	1,336,880 <sup>4</sup>	24,600	1,739,844	460	24,240	26.4	15.3
1998	1,774,614 <sup>4</sup>	23,933	1,736,931	424	28,112	24.4	15.3
1997	1,570,192	23,669	1,723,965	484	29,719	28.1	15.7
1996	1,550,514	23,253	1,707,902	481	31,352	28.2	15.9
1995	1,513,487	22,817	1,683,773	485	30,996	28.8	16.3
1994	1,484,239	22,201	1,653,777	447	29,910	27.0	15.6
1993	1,450,982	20,791	1,615,385	431	28,032	26.7	15.5
1992	1,376,571	20,070	1,580,841	460	27,195	29.1	15.4
1991	1,280,948	19,017	1,547,141	469	25,019	30.3	16.5
1990	1,377,968	18,478	1,519,940	499	24,904	32.8	17.9

<sup>1</sup> Rates are per 100,000 population.

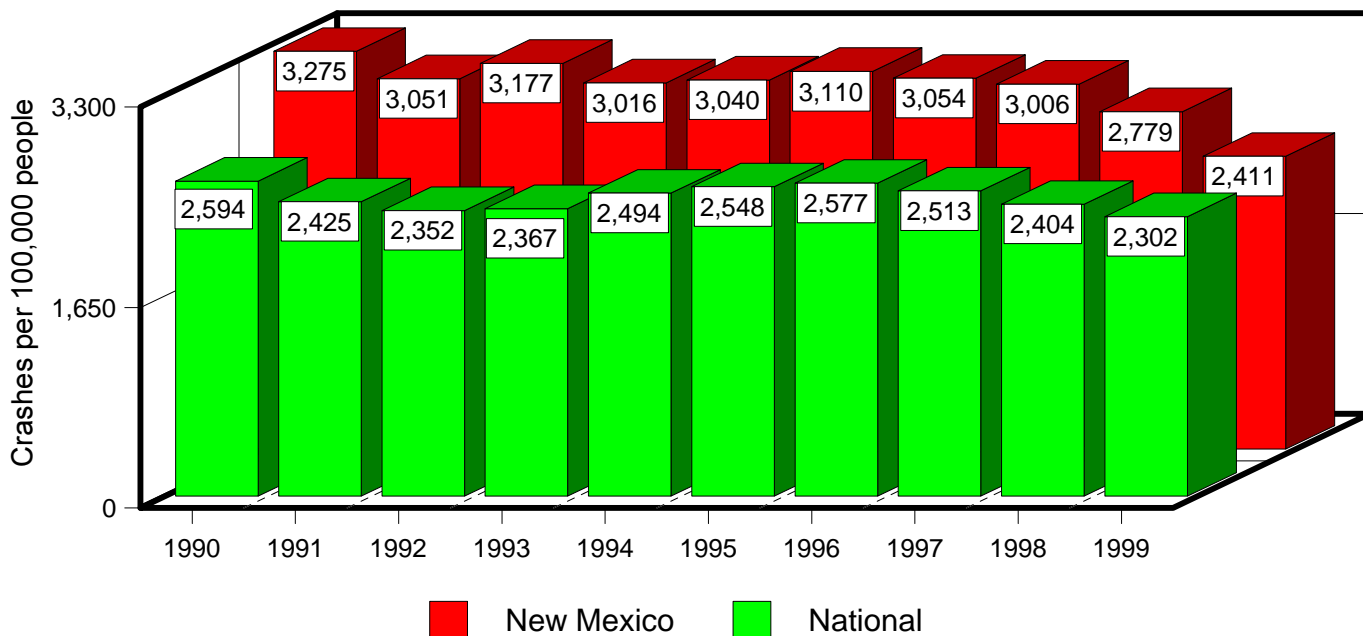
<sup>2,3</sup> Definition: see page 37.

<sup>4</sup> These are counts of registration transactions which were affected by the advent of 2-year registration in 1998.

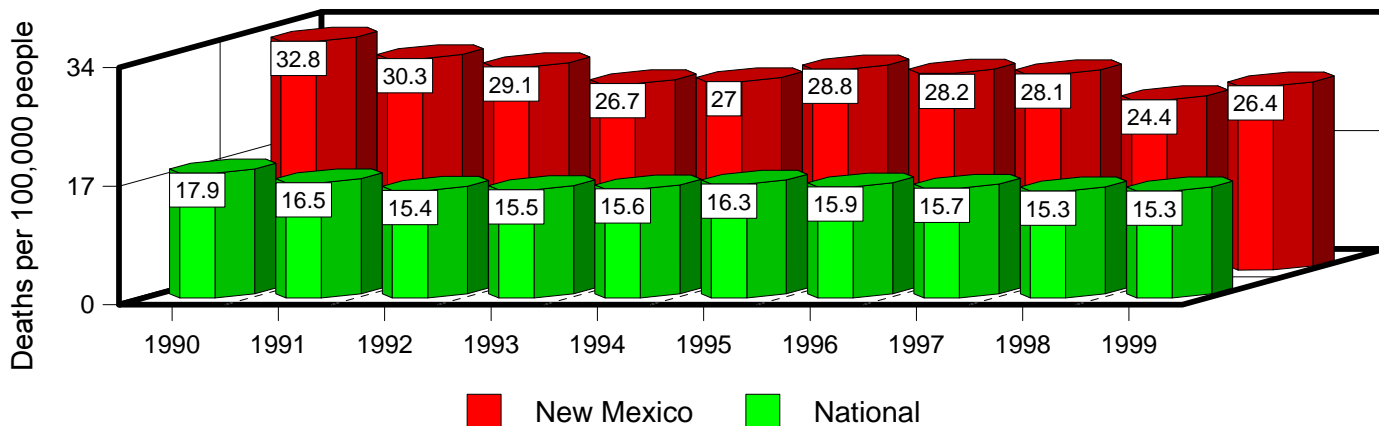
## In New Mexico ...

- Overall, the New Mexico crash death rate decreased by 20 percent from 1990 to 1999.

### New Mexico and National Crash Rates, 1990 - 1999



### New Mexico and National Crash Death Rates, 1990 - 1999

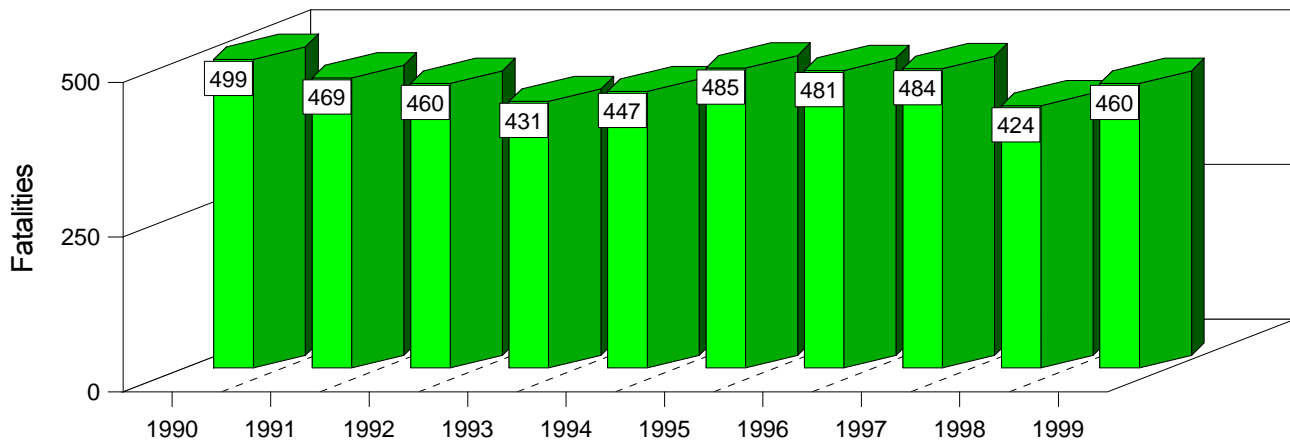


# OVERVIEW

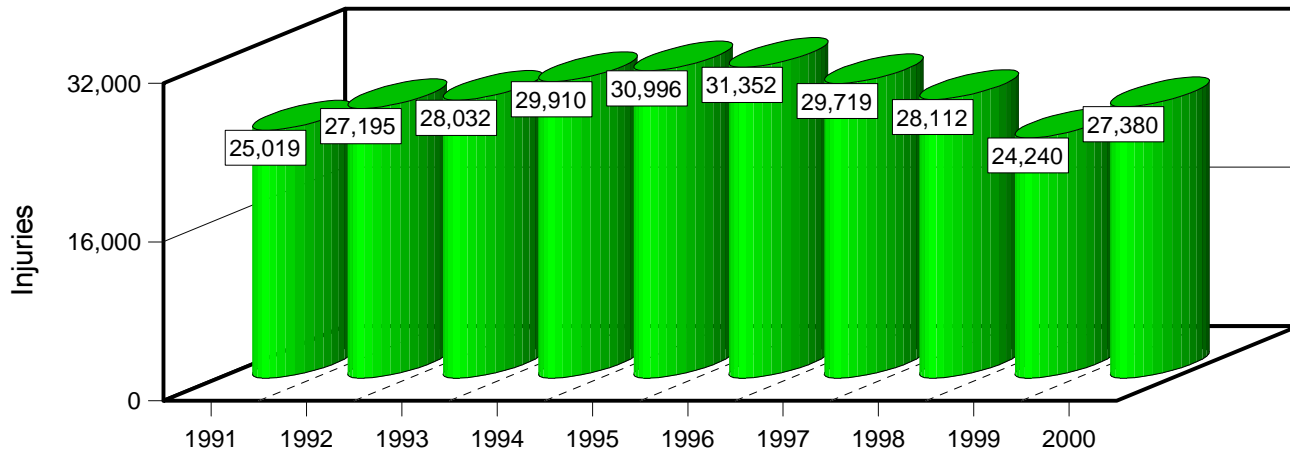
In 1999 compared to 1998, there were ...

- 36 (8.5 percent) more fatalities in crashes.

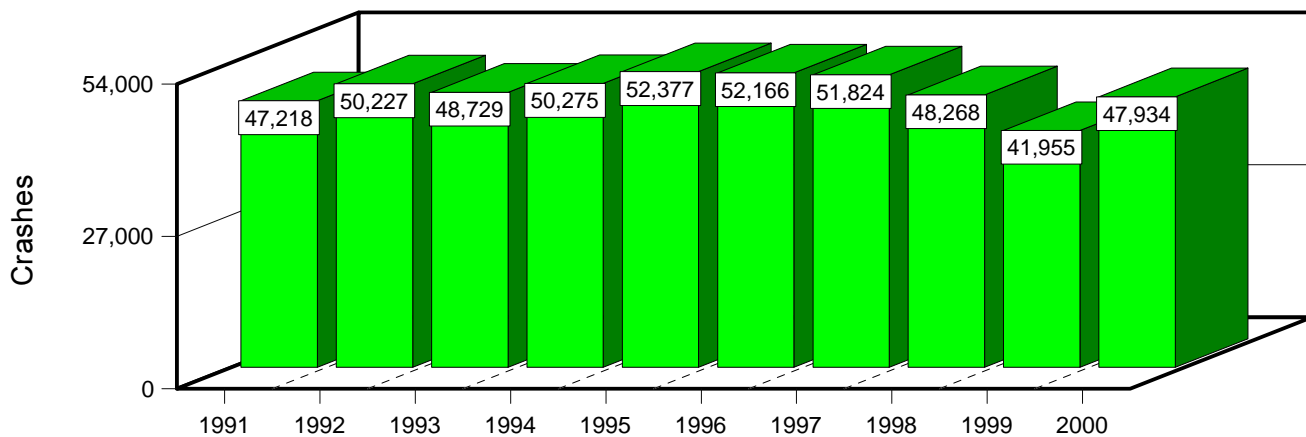
### Crash Fatalities in New Mexico by Year, 1990 - 1999



### Crash-related Injuries in New Mexico by Year, 1990 - 1999



### Crashes in New Mexico by Year, 1990 - 1999





**In 1999, there were on average ...**

- 12 (37 percent) more fatal crashes per month during May through October than the rest of the year.
- 25 (36 percent) more fatal crashes on Friday, Saturday, and Sunday than other days of the week.

**Crashes in New Mexico by Month, 1999**

Month	Total	Percent	Total	Fatal	Percent	Fatal
January	3,515	8.4		23	5.9	
February	3,308	7.9		21	5.4	
March	3,792	9.0		27	7.0	
April	3,608	8.6		28	7.2	
May	3,826	9.1		37	9.6	
June	3,234	7.7		35	9.0	
July	3,025	7.2		34	8.8	
August	2,982	7.1		52	13.4	
September	3,587	8.5		39	10.1	
October	3,655	8.7		33	8.5	
November	3,483	8.3		28	7.2	
December	3,940	9.4		30	7.8	
<b>Total</b>	<b>41,955</b>	<b>100.0</b>	<b>2,000 4,000</b>	<b>387</b>	<b>100.0</b>	<b>25 50</b>

**In 1999 ...**

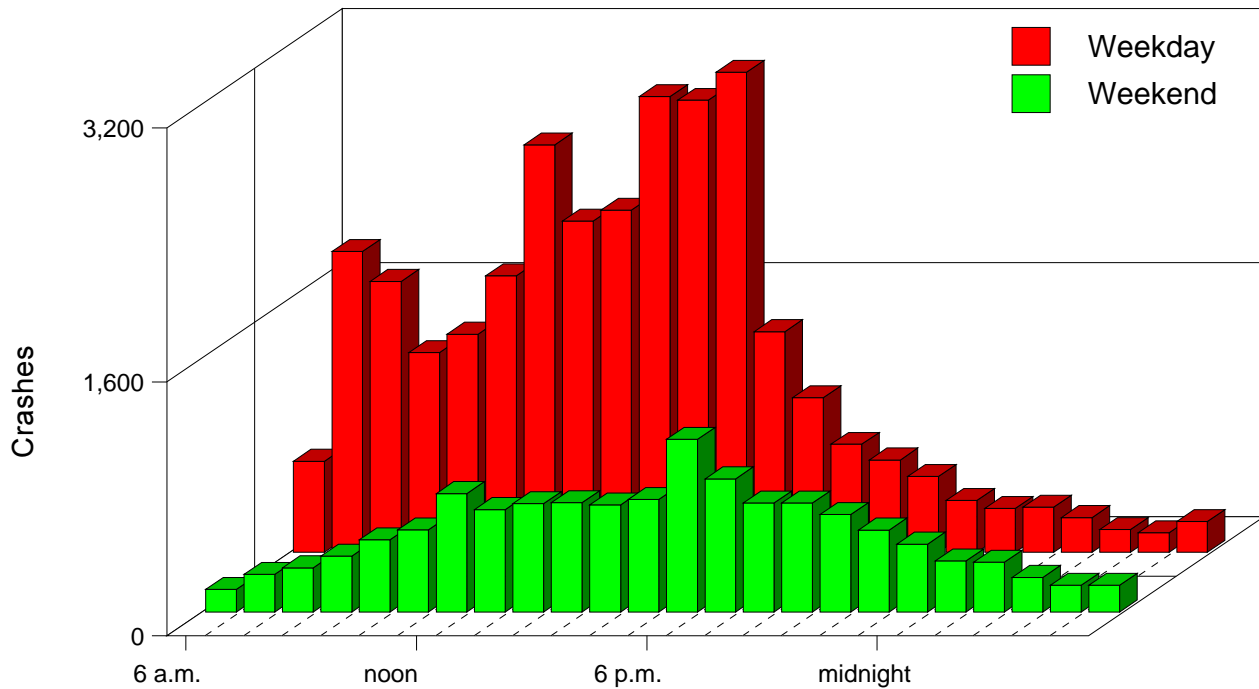
- 54 percent of all fatal crashes occurred during the weekend.

**Crashes in New Mexico by Day of the Week, 1999**

Day	Total	Percent	Total	Fatal	Percent	Fatal
Sunday	3,836	9.2		47	12.1	
Monday	5,821	13.9		43	11.1	
Tuesday	6,149	14.7		32	8.3	
Wednesday	6,095	14.5		51	13.2	
Thursday	6,296	15.0		52	13.4	
Friday	7,896	18.8		79	20.4	
Saturday	5,829	13.9		83	21.4	
<b>Total</b>	<b>41,922</b>	<b>100.0</b>	<b>4,000 8,000</b>	<b>387</b>	<b>100.0</b>	<b>40 80</b>

• For this table, each day was considered to run from 6:00 a.m. to 5:59 a.m. the following morning.

## Crashes in New Mexico by Hour of the Day, 1999



- The weekend is defined as beginning on Friday evening at 6:00 p.m. and ending on Monday morning at 5:59 a.m. For perspective, the weekend has 60 hours total, while the weekday period consists of 108 hours.

**Friday between 3 p.m. and 6 p.m. was the least safe time to drive in urban areas.**

### The Seven Least Safe Hours of the Week in New Mexico, 1999

Urban			
Day	Hour	Crashes	% of Total
Friday	5 p.m.	601	1.8
Friday	3 p.m.	591	1.8
Friday	4 p.m.	583	1.7
Wednesday	5 p.m.	543	1.6
Friday	noon	517	1.5
Tuesday	4 p.m.	514	1.5
Wednesday	3 p.m.	513	1.5

Rural			
Day	Hour	Crashes	% of Total
Friday	5 p.m.	113	1.4
Friday	7 p.m.	99	1.2
Friday	3 p.m.	95	1.1
Friday	6 p.m.	93	1.1
Saturday	4 p.m.	87	1.0
Tuesday	4 p.m.	84	1.0
Thursday	4 p.m.	84	1.0

<sup>1</sup> An hour begins at :00 and ends at :59; 4 p.m. represents 4:00-4:59.

**Crashes in New Mexico During Holiday Periods, 1996 - 1999**

Holiday	Total Hours	Beginning (6 p.m.)	Ending (midnight)	Crashes			People	
				Total	Fatal	Injury	Killed	Injured
<b>Easter</b>								
1999	54	4/02	4/04	228	2	78	2	119
1998	54	4/10	4/12	251	3	88	3	130
1997	54	3/28	3/30	241	4	84	4	148
1996	54	4/05	4/07	229	3	85	3	133
<b>Memorial Day</b>								
1999	78	5/28	5/31	292	8	118	9	223
1998	78	5/22	5/25	359	5	143	5	243
1997	78	5/23	5/26	357	3	124	5	199
1996	78	5/24	5/27	345	8	139	8	252
<b>Fourth of July</b>								
1999	78	7/02	7/05	322	6	126	8	223
1998	78	7/02	7/05	409	5	147	5	234
1997	78	7/03	7/06	434	6	177	8	326
1996	30	7/03	7/04	156	1	62	1	117
<b>Labor Day</b>								
1999	78	9/03	9/06	283	9	106	10	190
1998	78	9/04	9/07	307	2	131	3	219
1997	78	8/29	9/01	361	9	147	11	243
1996	78	8/30	9/02	409	7	156	8	265
<b>Thanksgiving</b>								
1999	102	11/24	11/28	359	7	133	7	223
1998	102	11/25	11/29	388	4	139	4	223
1997	102	11/26	11/30	408	5	160	5	292
1996	102	11/27	12/01	675	5	224	6	371
<b>Christmas</b>								
1999	78	12/23	12/26	383	4	116	4	182
1998	78	12/24	12/27	240	3	72	3	114
1997	30	12/24	12/25	152	0	50	0	70
1996	30	12/24	12/25	92	0	39	0	75
<b>New Year's</b>								
1999-2000*	78	12/31	1/01/00	37	2	11	2	18
1998-1999	78	12/31	1/03/99	314	4	106	4	181
1997-1998	30	12/31	1/01/98	131	3	40	4	73
1996-1997	30	12/31	1/01/97	144	3	55	3	81

\* 1999-2000 New Year's Data are preliminary as of 1/2001

# New Mexico Fatalities by Day and Alcohol Involvement, 1999

## January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

## March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

## July

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## August

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## November

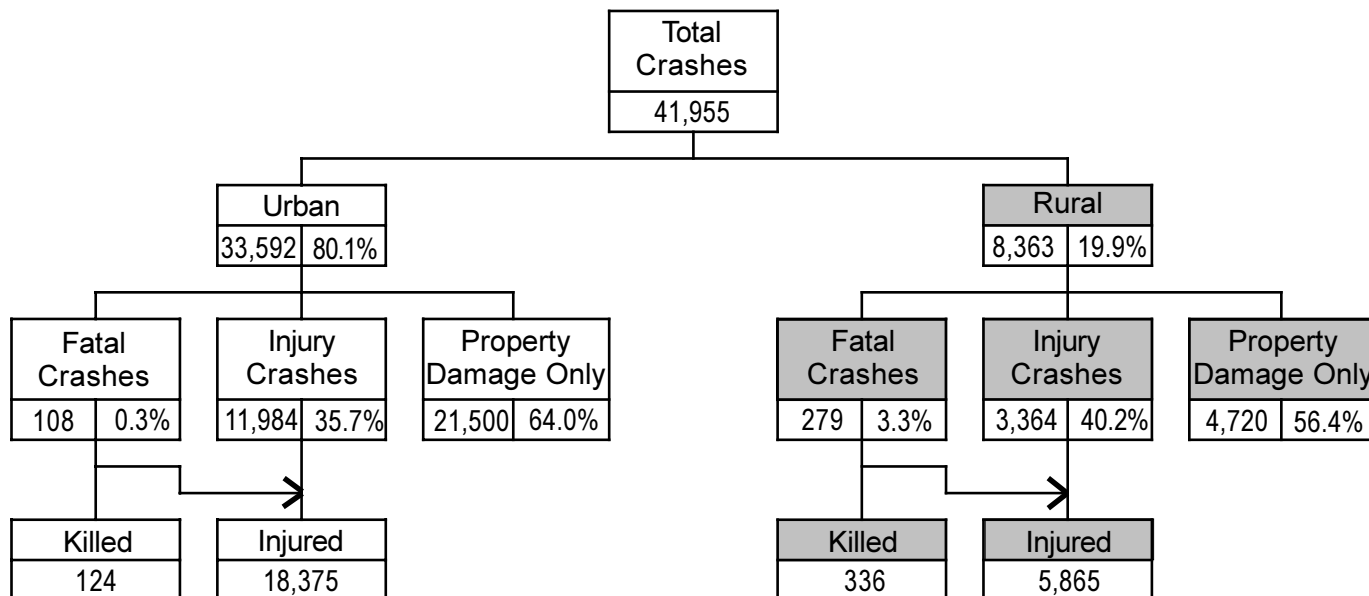
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

## December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

- Alcohol-involved Fatality
- Non Alcohol-involved Fatality
- Unlike other graphs and tables in this section, crashes that occur between midnight and 5:59 am are not shifted to the previous day.

**Crashes in New Mexico by Road System, 1999**



**Crashes on New Mexico Pueblos and Reservations, 1999**

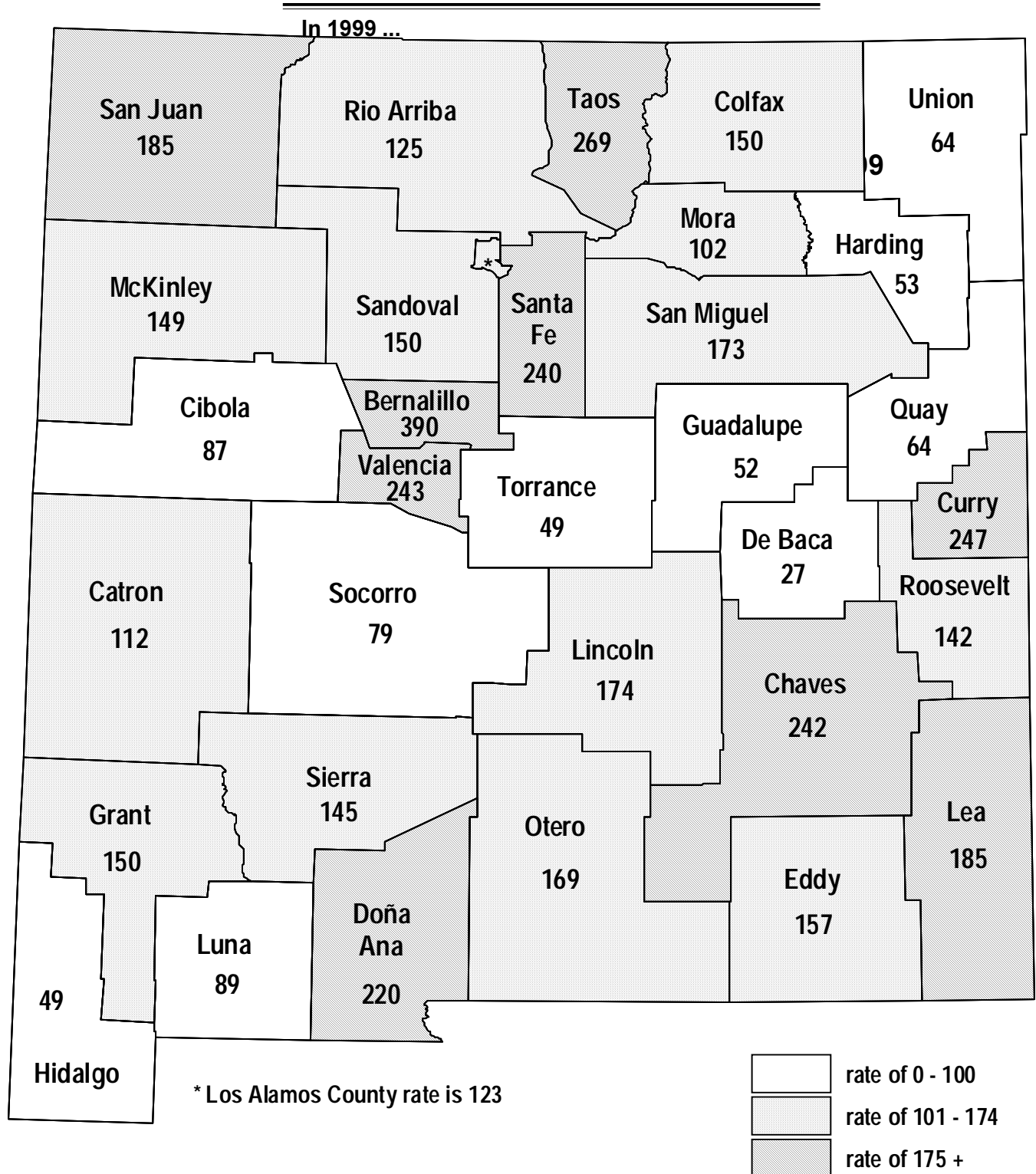
Pueblo or Reservation	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Acoma	42	1	13	28	1	21
Alamo Navajo	5	0	2	3	0	4
Cañoncito Navajo	2	0	0	2	0	0
Cochiti	3	0	2	1	0	5
Isleta	86	3	37	46	3	56
Jemez	13	1	5	7	1	15
Jicarilla Apache	37	3	5	29	3	14
Laguna	107	6	49	52	7	82
Mescalero Apache	22	1	7	14	1	15
Nambe	7	0	2	5	0	3
Navajo	282	19	132	131	20	255
Picuris	18	0	9	9	0	15
Pojoaque	61	1	15	45	1	33
Ramah Navajo	9	0	4	5	0	8
Sandia	33	2	12	19	2	30
San Felipe	28	1	17	10	1	28
San Ildefonso	8	0	1	7	0	1
San Juan	61	4	37	20	4	77
Santa Ana	16	1	9	6	1	13
Santa Clara	19	1	7	11	3	11
Santo Domingo	27	1	16	10	1	34
Taos Pueblo	1	0	1	0	0	2
Tesuque	26	1	12	13	1	23
Zia	11	1	4	6	1	6
Zuni	60	2	24	34	2	45

## New Mexico Crashes by County, 1999

County	Crashes				People		Rates		Economic Loss*	100 MVM	Licensed Drivers	Population
	Total	Fatal	Injury	Property Damage	Killed	Injured	Crash Rate	Death Rate				
Bernalillo	17,120	60	6,306	10,754	69	9,654	323	1.30	791,909	53.0	384,106	523,472
Catron	110	3	29	78	3	45	83	2.26	18,521	1.3	2,893	2,862
Chaves	1,225	7	424	794	16	746	206	2.69	88,863	5.9	42,041	62,394
Cibola	448	11	167	270	12	275	67	1.79	54,824	6.7	15,484	26,894
Colfax	339	5	101	233	5	150	122	1.81	41,224	2.8	10,689	13,666
Curry	866	7	254	605	7	374	248	2.00	53,163	3.5	29,752	43,570
De Baca	68	3	29	36	4	46	29	1.71	9,381	2.3	1,761	2,359
Doña Ana	3,070	17	1,278	1,775	21	2,020	149	1.02	216,788	20.6	112,296	170,361
Eddy	1,216	11	389	816	13	632	157	1.68	84,795	7.7	37,763	53,122
Grant	550	10	189	351	12	297	120	2.61	45,903	4.6	22,632	31,335
Guadalupe	210	4	69	137	4	123	40	0.77	34,268	5.2	3,089	4,023
Harding	7	1	3	3	1	5	22	3.10	1,203	0.3	683	854
Hidalgo	163	4	74	85	4	126	51	1.25	26,209	3.2	4,591	6,027
Lea	976	12	336	628	16	546	155	2.54	66,305	6.3	39,586	55,067
Lincoln	645	6	198	441	7	311	113	1.23	58,423	5.7	14,360	16,778
Los Alamos	252	1	83	168	1	108	119	0.47	11,760	2.1	16,234	18,281
Luna	437	17	143	277	18	284	77	3.16	47,120	5.7	17,707	24,360
McKinley	1,581	36	487	1,058	39	874	115	2.84	172,476	13.7	37,526	66,923
Mora	117	2	44	71	2	81	106	1.81	20,446	1.1	3,372	4,945
Otero	986	8	343	635	9	525	141	1.29	83,985	7.0	37,485	54,185
Quay	254	6	77	171	10	129	56	2.19	31,255	4.6	7,974	9,872
Rio Arriba	923	26	361	536	30	630	136	4.42	98,947	6.8	27,765	38,180
Roosevelt	331	4	100	227	4	160	125	1.51	29,991	2.6	11,932	17,416
Sandoval	1,081	23	413	645	25	676	109	2.52	85,161	9.9	65,075	90,253
San Juan	2,463	25	929	1,509	27	1,482	165	1.81	205,999	14.9	70,454	109,899
San Miguel	632	8	235	389	8	360	147	1.86	56,338	4.3	17,894	28,488
Santa Fe	3,443	19	1,394	2,030	33	2,177	191	1.83	258,602	18.1	92,124	124,228
Sierra	255	9	75	171	10	116	125	4.90	30,472	2.0	9,476	11,008
Socorro	353	12	117	224	14	175	56	2.24	43,090	6.3	12,005	16,500
Taos	640	4	246	390	5	353	186	1.46	73,747	3.4	21,844	27,116
Torrance	221	9	79	133	10	143	44	2.00	32,417	5.0	10,187	16,408
Union	93	1	38	54	2	58	72	1.55	9,836	1.3	3,211	3,903
Valencia	880	16	338	526	19	559	191	4.12	76,865	4.6	43,884	65,095
<b>Total</b>	<b>41,955</b>	<b>387</b>	<b>15,348</b>	<b>26,220</b>	<b>460</b>	<b>24,240</b>	<b>173</b>	<b>1.90</b>	<b>2,960,288</b>	<b>242.6</b>	<b>1,227,875</b>	<b>1,739,844</b>

1 Crash cost estimates are in thousands of dollars, and are based on FHWA Economic Loss Formulae (see page 37).

# WHERE



# WHERE

## Crashes in New Mexico by City, 1999

City	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Alamogordo	640	3	203	434	4	288
Albuquerque	16,794	50	6,185	10,559	58	9,466
Anthony	62	0	23	39	0	36
Artesia	240	0	59	181	0	83
Aztec	140	0	44	96	0	63
Bayard	33	0	6	27	0	7
Belen	304	0	97	207	0	149
Bernalillo	32	1	10	21	1	18
Bloomfield	125	1	22	102	1	32
Bosque Farms	24	0	6	18	0	7
Capitan	12	0	4	8	0	6
Carlsbad	726	3	235	488	3	369
Carrizozo	14	0	2	12	0	3
Central	13	0	6	7	0	10
Chama	8	0	2	6	0	2
Cimarron	3	0	1	2	0	1
Clayton	42	0	12	30	0	18
Cloudcroft	7	0	1	6	0	1
Clovis	727	2	202	523	2	293
Columbus	6	0	2	4	0	2
Corona	5	0	1	4	0	1
Corrales	56	0	14	42	0	20
Cuba	9	0	4	5	0	6
Deming	234	3	59	172	3	90
Des Moines	4	0	0	4	0	0
Dexter	2	0	1	1	0	2
Dora	2	0	1	1	0	1
Eagle Nest	3	0	1	2	0	1
Elida	5	0	1	4	0	1
Encino	1	0	1	0	0	1
Española	653	5	245	403	6	404
Estancia	9	0	2	7	0	3
Eunice	24	0	5	19	0	7
Farmington	1,342	1	520	821	1	823
Folsom	1	0	0	1	0	0
Fort Sumner	18	0	5	13	0	6
Gallup	839	5	210	624	7	359
Grady	1	0	1	0	0	1
Grants	172	1	66	105	1	104
Grenville	1	0	0	1	0	0
Hagerman	2	0	0	2	0	0
Hatch	38	0	9	29	0	19
Hobbs	608	2	208	398	2	323
Hurley	2	0	1	1	0	1
Jal	13	0	5	8	0	9
Jemez Springs	10	1	3	6	1	3

Data from this table are not comparable to the data from page 14.

(continued on the next page)



**Crashes in New Mexico by City, 1999 (cont.)**

City	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
La Mesilla	13	0	6	7	0	12
Las Cruces	2,303	4	963	1,336	4	1,490
Las Vegas	422	1	146	275	1	235
Logan	7	0	2	5	0	2
Lordsburg	31	1	8	22	1	16
Los Alamos	246	1	81	164	1	104
Los Lunas	260	2	87	171	2	128
Loving	2	0	0	2	0	0
Lovington	145	1	40	104	2	74
Magdalena	3	1	1	1	1	2
Maxwell	5	0	0	5	0	0
Melrose	6	0	3	3	0	4
Milan	30	0	10	20	0	16
Moriarty	52	0	20	32	0	28
Pecos	7	0	2	5	0	3
Portales	203	0	41	162	0	62
Questa	13	0	4	9	0	4
Raton	115	0	26	89	0	35
Red River	13	0	2	11	0	2
Reserve	3	0	1	2	0	1
Rio Rancho	685	3	255	427	3	376
Roswell	946	1	310	635	1	515
Ruidoso	308	1	79	228	1	116
Ruidoso Downs	68	0	21	47	0	29
San Jon	2	0	1	1	0	1
San Ysidro	10	0	1	9	0	2
Santa Fe	2,447	8	1,001	1,438	9	1,510
Santa Rosa	42	0	6	36	0	8
Shiprock	88	4	41	43	4	69
Silver City	338	0	106	232	0	156
Socorro	156	0	36	120	0	52
Springer	4	0	2	2	0	2
Sunland Park	49	0	19	30	0	28
Taos	255	0	96	159	0	136
Tatum	2	0	0	2	0	0
Texico	13	0	5	8	0	6
Tijeras	20	0	8	12	0	11
T or C	115	0	25	90	0	33
Tucumcari	108	1	30	77	3	45
Tularosa	19	0	6	13	0	7
Vaughn	3	0	1	2	0	4
Wagon Mound	3	0	0	3	0	0
Williamsburg	5	0	3	2	0	4

Data from this table are not comparable to the data from page 14.

## Crash Rates for Selected<sup>1</sup> New Mexico Cities, 1999

City <sup>1</sup>	Crashes <sup>2</sup>		Rates <sup>3</sup>		Estimated
	Total	Fatal and Injury <sup>4</sup>	Total	Fatal and Injury <sup>4</sup>	1998 Population <sup>5</sup>
Alamogordo	605	82	21.4	2.90	28,312
Albuquerque	12,875	1,649	30.7	3.93	419,311
Artesia	231	21	21.1	1.91	10,973
Aztec	135	16	22.0	2.61	6,134
Belen	287	34	36.2	4.28	7,936
Bernalillo	4	0	0.5	0.00	7,570
Bloomfield	117	9	18.7	1.44	6,260
Bosque Farms	21	0	3.7	0.00	5,645
Carlsbad	710	87	27.0	3.31	26,315
Clovis	713	68	22.0	2.10	32,394
Corrales	54	5	8.1	0.75	6,633
Deming	214	24	14.7	1.65	14,517
Española	612	73	68.0	8.12	8,994
Farmington	1,312	178	33.6	4.56	39,028
Gallup	797	84	39.6	4.17	20,120
Grants	157	33	16.9	3.55	9,294
Hobbs	589	86	21.7	3.17	27,156
Las Cruces	2,081	255	27.3	3.35	76,102
Las Vegas	405	48	24.6	2.91	16,487
Los Alamos	240	42	13.1	2.29	18,344
Los Lunas	234	29	30.0	3.72	7,805
Lovington	140	15	14.2	1.52	9,841
Portales	194	18	17.9	1.66	10,857
Raton	103	9	13.8	1.21	7,466
Rio Rancho	668	91	13.3	1.82	50,041
Roswell	924	135	19.4	2.83	47,624
Ruidoso	292	44	48.1	7.25	6,065
Santa Fe	2,298	301	33.9	4.43	67,879
Silver City	316	29	26.2	2.40	12,064
Socorro	141	13	16.4	1.51	8,616
Sunland Park	45	7	4.7	0.73	9,591
Taos	217	26	40.3	4.82	5,389
T or C	97	10	14.8	1.52	6,564
Tucumcari	99	14	17.0	2.40	5,825

- 1 Cities selected are those with a population of 4,000 or more.
- 2 Only crashes investigated by local police departments are included. This is not comparable to this table in reports prior to 1997.
- 3 Rates are per 1,000 residents.
- 4 Fatal and injury crashes include crashes involving fatal, incapacitating, and visible injuries, but exclude crashes where there was only complaint of injury.
- 5 Population counts are from the Census Bureau (see page 37).

**New Mexico's Seven Highest Fatal and Injury Crash Intersections, 1999**

Intersection	City	Crashes		
		Total	Fatal	Injury
Candelaria & San Mateo	Albuquerque	156	0	66
Montgomery & San Mateo	Albuquerque	180	0	63
Lohman & Walnut St	Las Cruces	108	0	63
Coors & Paseo Del Norte	Albuquerque	138	0	60
Montgomery & Wyoming	Albuquerque	183	0	54
Carlisle & Montgomery	Albuquerque	117	0	54
Central & Coors	Albuquerque	108	0	54

- Intersections are ranked by the total number of fatal and injury crashes. Busy intersections will tend to have the highest number of crashes, but will not necessarily have the highest number of fatal and injury crashes.

**New Mexico's Highest Crash Rate Rural Highway Segments, 1999**

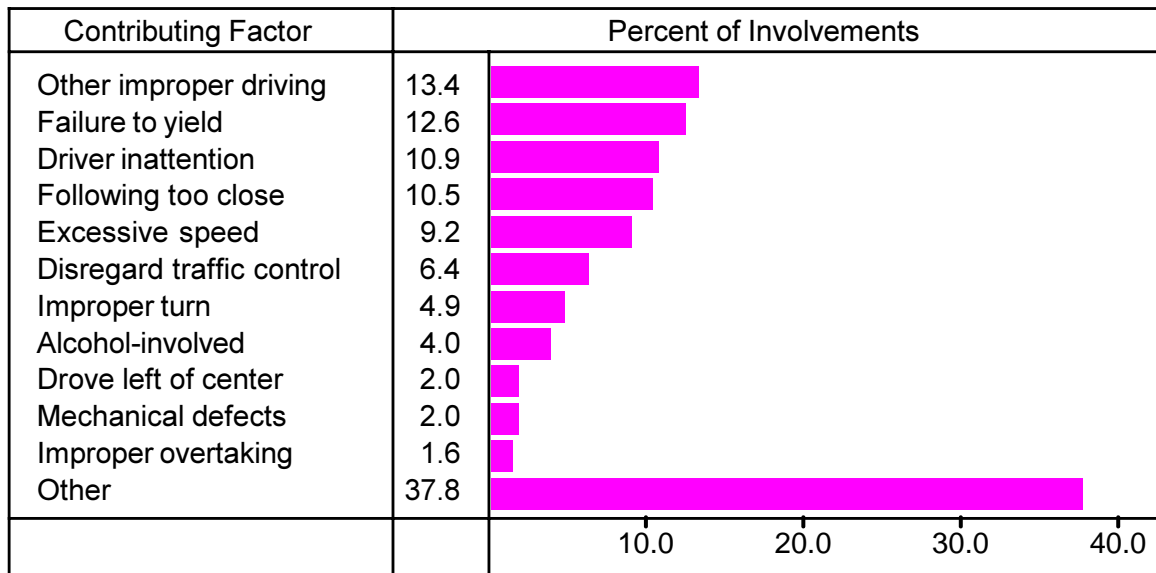
Highway	Mile post	County	Crashes			
			Total	Fatal	Injury	Rate
NM 226	0.0 to 2.6	Doña Ana	6	0	6	1155.0
NM 227	0.0 to 1.8	Doña Ana	9	0	4	677.5
US 64	0.0 to 3.4	San Juan	35	0	16	659.7
US 84	7.1 to 10.3	De Baca	21	1	9	614.4
US 54	0.0 to 5.8	Otero	52	0	23	606.5
NM 90	0.0 to 10.0	Hidalgo	30	0	14	591.5
US 62	0.0 to 8.9	Lea	29	2	10	543.7

Map: see inside front cover.

- The highway segment ranking was done on the basis of fatal and injury crashes per million vehicle miles. The most heavily traveled segments are likely to have the most crashes, but will not necessarily have the highest crash rates. Segments selected have high rates compared to segments with similar characteristics.











# CRASH DETAILS

## Contributing Factors of Crashes in New Mexico, 1999



- Percent of involvements is the percentage of all vehicles in crashes for which each contributing factor was coded. More than one contributing factor may be coded for each vehicle. For 38 percent of all vehicles, no contributing factors were indicated.

## Crash Involvements in New Mexico by Vehicle Type, 1999

Vehicle Type	Total	Fatal	Injury	Total
Passenger Car	41,798	206	16,317	
Pickup	21,015	165	7,447	
Van or 4WD	9,344	95	3,535	
Semi	1,543	43	444	
Motorcycle	634	27	505	
Pedestrian	502	55	416	
Pedalcyclist	285	10	249	
Bus	255	3	70	
Other	972	15	294	
Unknown	2,525	11	519	
Total	78,873	630	29,796	20,000 40,000

## Crashes Involving Vehicle or Road Defects in New Mexico, 1993 - 1999

Year	All Crashes	Vehicle Defects	% With Vehicle Defects	Road Defects	%With Road Defects
1999	41,955	1,403	3.3	325	0.8
1998	48,268	1,618	3.4	330	0.7
1997	51,824	1,657	3.2	452	0.8
1996	52,166	1,767	3.4	364	0.7
1995	52,377	1,813	3.5	335	0.6
1994	50,275	1,754	3.5	393	0.8
1993	48,729	1,717	3.5	407	0.8

# CRASH DETAILS

## In 1999 ...

- "Overturns" account for 6% of all crashes, but 35% of fatal crashes.

## Crashes in New Mexico by Class, 1999

Class	Crashes				People		
	Total	% of Total	Fatal	% of Fatal	Injury	Killed	Injured
Other Vehicle	29,838	71	139	36	11,318	190	18,632
Fixed Object	4,342	10	33	9	1,237	38	1,638
Overturn	2,562	6	136	35	1,517	150	2,424
Parked Vehicle	2,368	6	2	1	260	2	356
Animal	1,084	3	2	1	147	2	207
Other Non-collision	642	2	7	2	189	7	223
Pedestrian	463	1	51	13	385	51	420
Other Object	334	1	1	0	42	2	53
Pedalcyclist	264	1	10	3	231	10	239
Vehicle on Other Road	36	0	3	1	12	5	35
Railroad Train	21	0	3	1	10	3	13
<b>Total</b>	<b>47,934</b>	<b>100</b>	<b>388</b>	<b>100</b>	<b>17,561</b>	<b>435</b>	<b>27,380</b>

- Crash class is based on the first harmful event in the crash, such as colliding with something or overturning.

## Among the fixed object crashes ...

- 45 percent involved signs, poles, meters, hydrants, or fences.
- 24 percent of fatal crashes involved trees, guard rails or posts.

## Fixed Object Crashes in New Mexico, 1999

Object	Crashes			People	
	Total	Fatal	Injury	Killed	Injured
Sign, Pole, Meter, Hydrant	1,056	9	247	9	306
Fence	883	3	210	5	253
Guard Rail or Post	571	6	193	6	269
Median or Curb	446	1	108	1	123
Tree	290	2	126	3	188
Embankment	127	2	52	2	70
Building	70	2	33	2	39
Culvert or Drain	60	2	23	2	38
Barricade	51	0	13	0	15
Bridge or Pier	22	0	8	0	10
Cattle Guard	13	0	3	0	5
Other or Unknown	753	6	221	8	322
<b>Total</b>	<b>4,342</b>	<b>33</b>	<b>1,237</b>	<b>38</b>	<b>1,638</b>

# CRASH DETAILS

## In 1999 ...

- 77 percent of all **hit-and-run** crashes involved property damage only, compared to the 63 percent of **all** crashes which involved property damage only.
- 92 percent of all crashes happened in clear weather.
- 44 percent of the fatal crashes occurred during the night.

## Hit and Run Crashes in New Mexico, 1995 - 1999

Year	Crashes			People	
	Total	Fatal	Injury	Killed	Injured
1999	4,741	19	1,080	19	1,438
1998	6,203	11	1,426	11	1,896
1997	7,083	9	1,644	9	2,239
1996	7,262	8	1,699	8	2,327
1995	7,467	16	1,732	16	2,382





## Crashes by Weather Conditions in New Mexico, 1999

Weather Condition	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Clear	38,341	302	14,118	23,921	363	22,215
Rain	1,673	19	605	1,049	21	967
Snow, Sleet	828	5	234	589	5	391
Dust, Wind	517	4	179	334	5	301
Fog	49	0	22	27	0	28
Other	217	3	69	145	3	96
<b>Total</b>	<b>41,625</b>	<b>333</b>	<b>15,227</b>	<b>26,065</b>	<b>397</b>	<b>23,998</b>

## Crashes by Lighting Conditions in New Mexico, 1999

Lighting Condition	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Daylight	30,378	166	11,160	19,052	201	17,559
Dark (Lighted)	4,799	26	1,797	2,976	28	2,859
Dark (Unlighted)	4,782	122	1,707	2,953	145	2,715
Dusk	1,175	12	406	757	13	632
Dawn	400	4	134	262	7	201
Other	88	3	22	63	3	30
<b>Total</b>	<b>41,622</b>	<b>333</b>	<b>15,226</b>	<b>26,063</b>	<b>397</b>	<b>23,996</b>












**Residence of Drivers in New Mexico Crashes, 1999**

Residence	Total	Fatal	Injury	Total
Local	52,006	272	20,783	
Elsewhere in NM	10,517	141	4,285	
Outside NM	6,134	127	2,275	
Unknown	2,986	72	1,153	
<b>Total</b>	<b>71,643</b>	<b>612</b>	<b>28,496</b>	25,000 50,000

**Of drivers ...**

- 15-19 year olds had the highest crash involvement rate.
- 55 drivers of every 1,000 drivers were in crashes during 1999.
- On average 8 drivers were involved in crashes every hour in 1999.

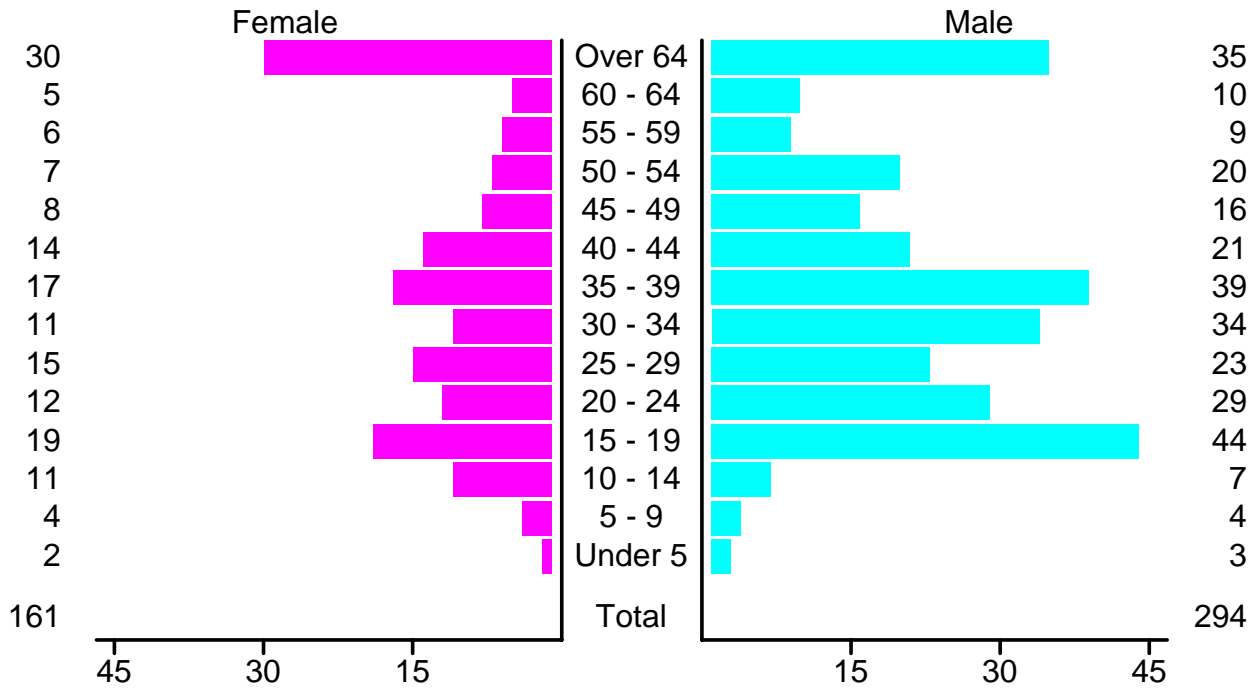
**New Mexico Drivers in Crashes, 1999  
Involvements by Age**

Age	Driver Involvements	July 99 Drivers	Involvements per 1,000 drivers
15-19	11,948	83,136	143.72 
20-24	9,015	105,040	85.82 
25-29	7,297	110,707	65.91 
30-34	6,448	112,637	57.25 
35-39	6,803	133,326	51.03 
40-44	6,151	134,475	45.74 
45-49	5,272	126,401	41.71 
50-54	4,107	109,492	37.51 
55-59	2,760	83,399	33.09 
60-64	2,198	67,273	32.67 
Over 64	5,476	161,940	33.81 
<b>Total</b>	<b>67,475</b>	<b>1,227,826</b>	<b>54.95</b> 70 140

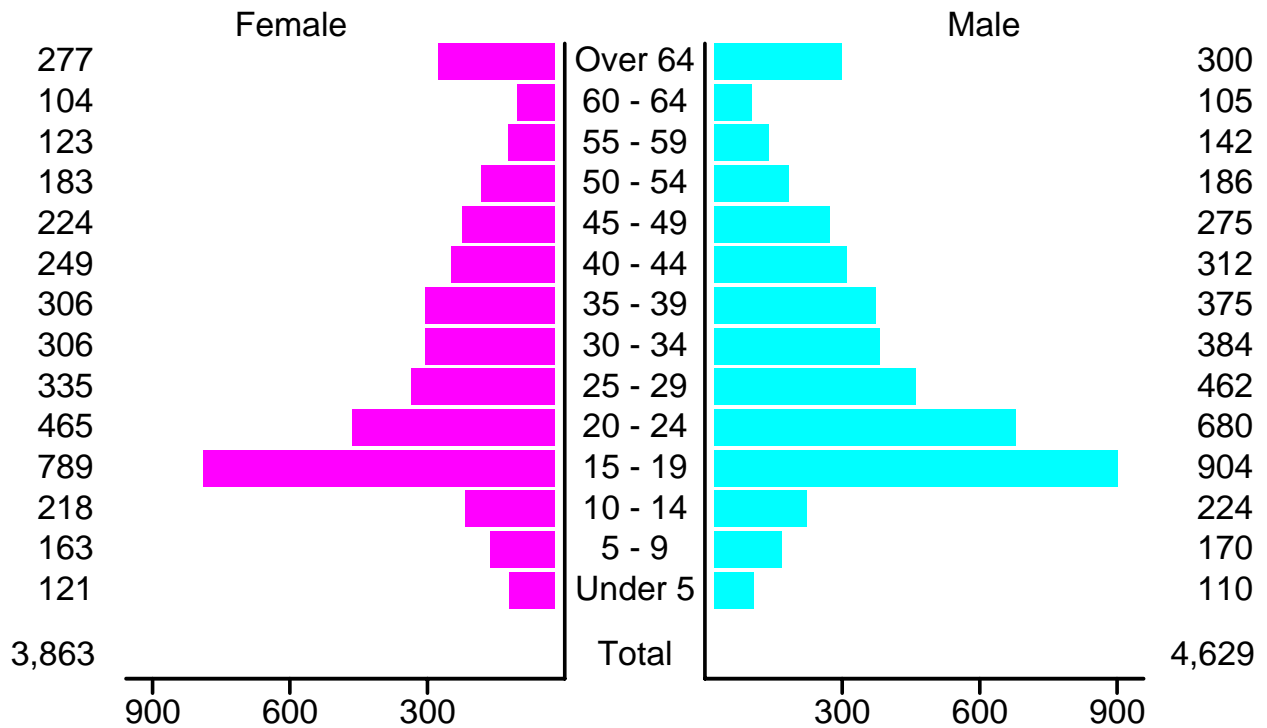
**In 1999 ...**

- People ages 15 through 19 accounted for 14 percent of all traffic deaths and 20 percent of serious injuries, even though they accounted for only 7 percent of licensed drivers.

**Crash Fatalities in New Mexico by Age and Sex, 1999**

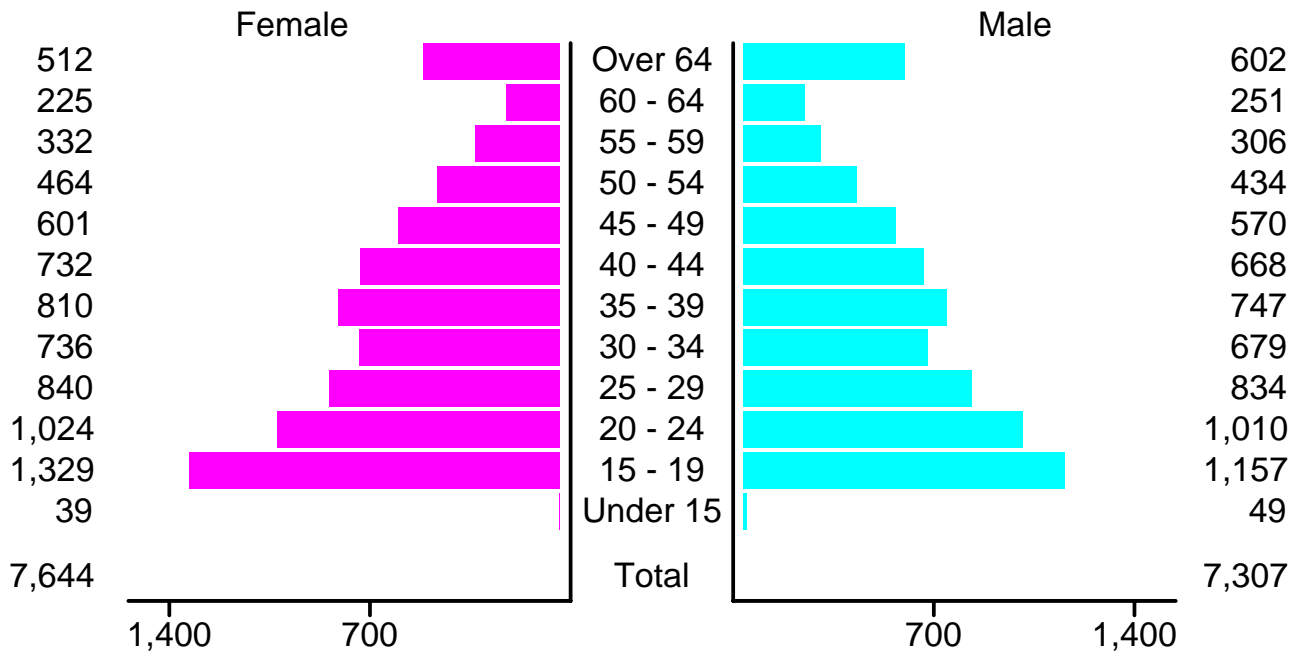


**Serious Injuries in New Mexico by Age and Sex, 1999**





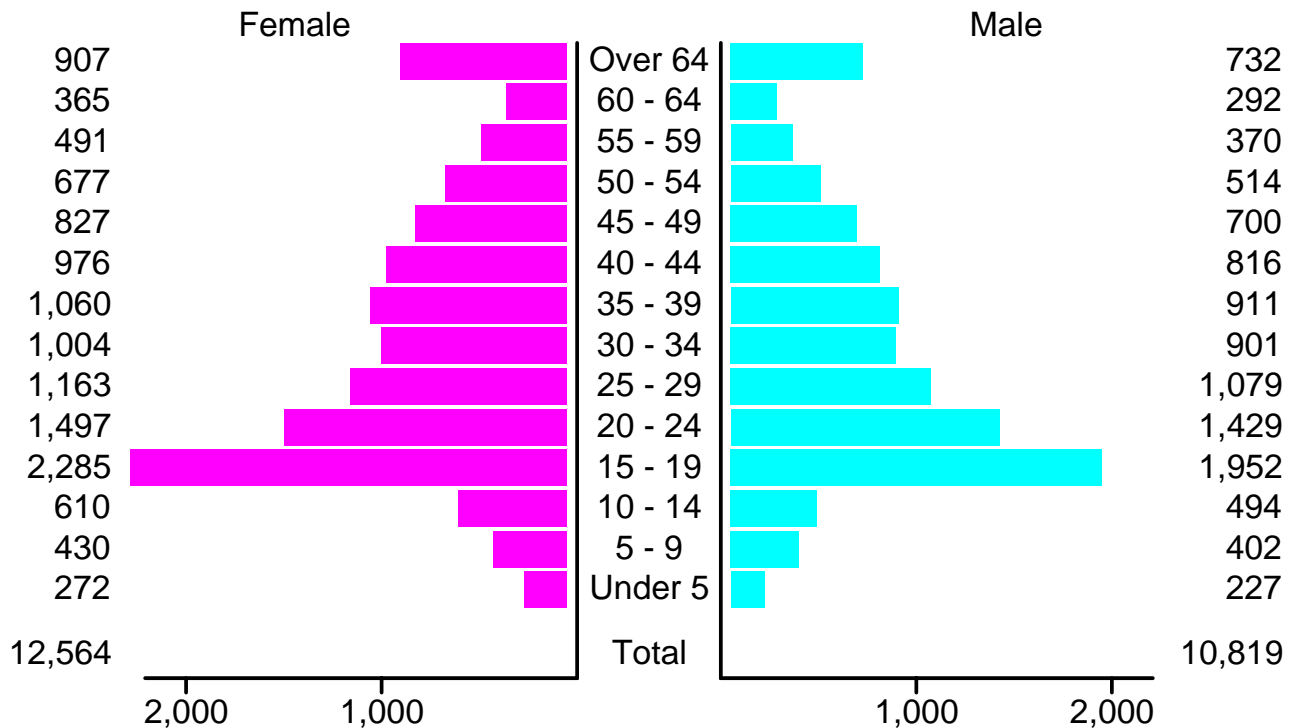
### Drivers Injured in New Mexico by Age and Sex, 1999



In 1999 ...

- 26 percent of all females involved in crashes were injured, compared to 19 percent of all males.

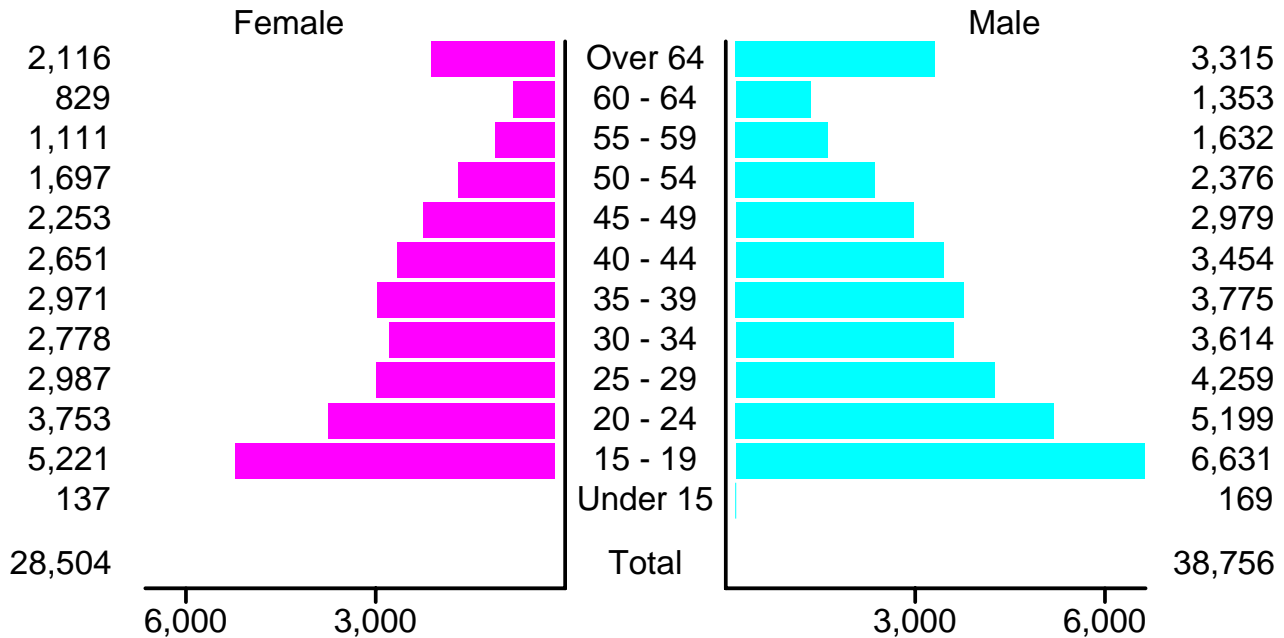
### People Injured in Crashes in New Mexico by Age and Sex, 1999



In 1999 ...

- Males accounted for 58 percent of the drivers in crashes, but they represented only 50 percent of all licensed drivers in New Mexico.

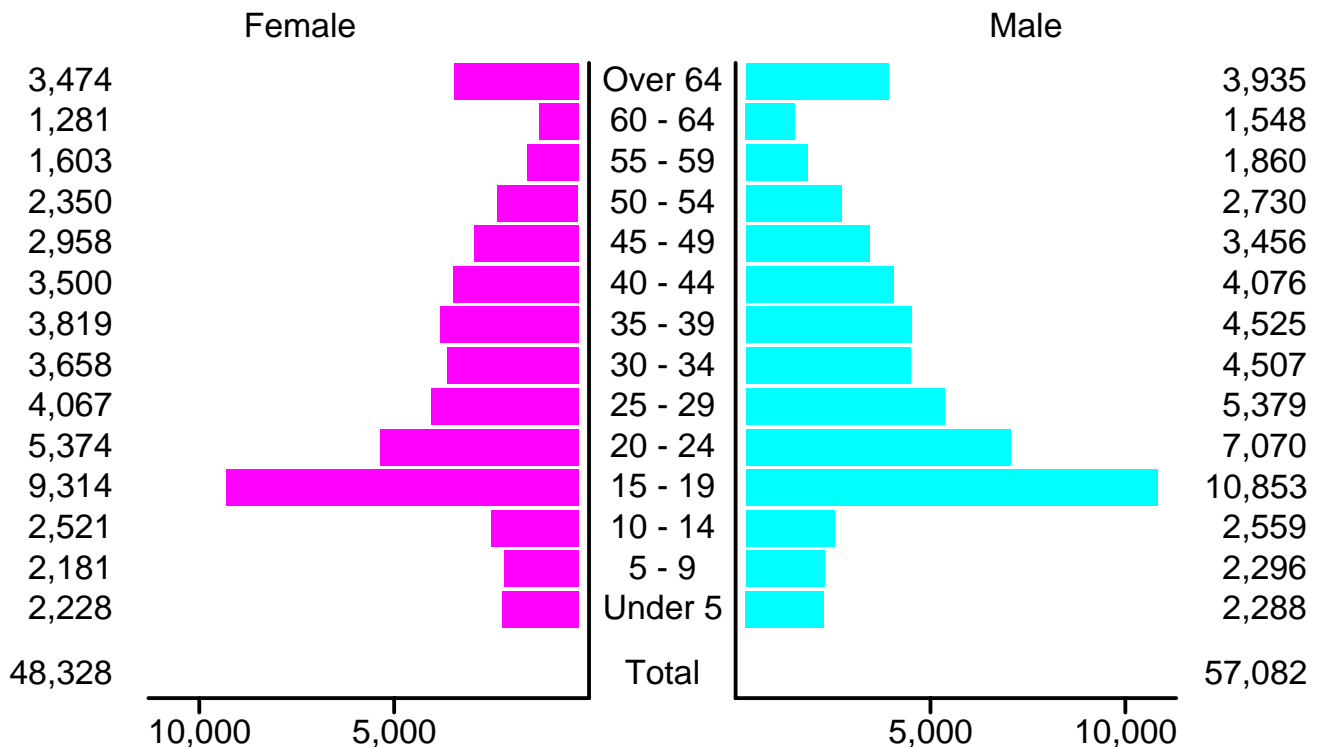
**Drivers in Crashes New Mexico By Age and Sex, 1999**



In 1999 ...

19 percent of people in crashes were 15-19 year olds.

**People in Crashes in New Mexico by Age and Sex, 1999**

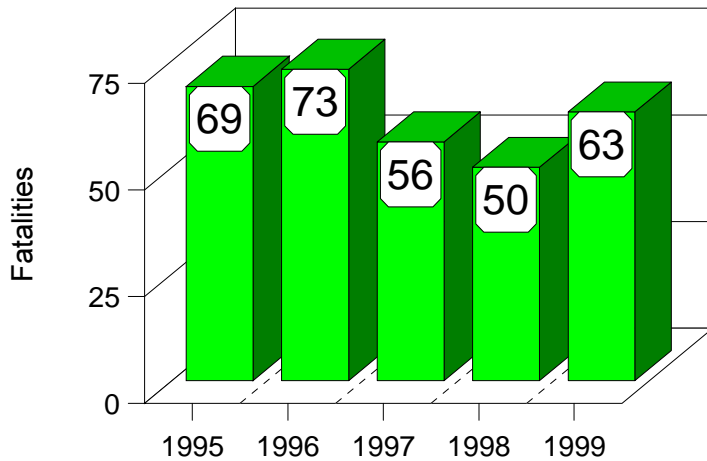


## Teenagers in Crashes in New Mexico by Vehicle Type, 1999

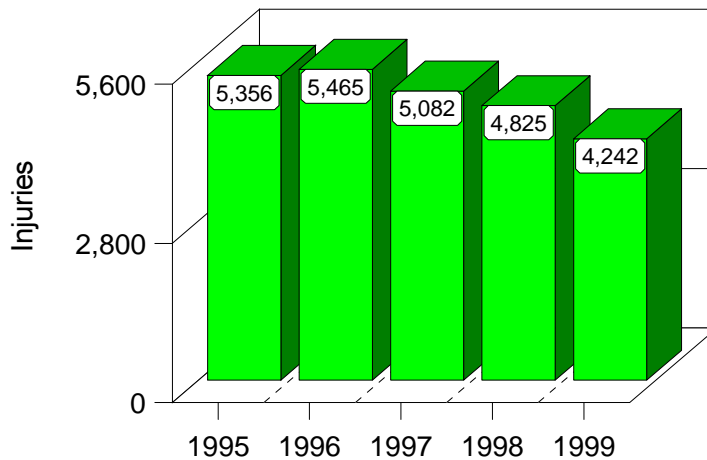
Vehicle Type	Drivers			Victims	
	Total	Crash Severity		Killed	Injured
		Fatal	Injury		
Passenger Car	7,959	41	3,178	27	2,837
Pickup	2,787	21	1,064	17	842
Van or 4WD	977	10	397	11	361
Pedestrian	64	2	61	2	60
Motorcycle	45	0	40	1	48
Pedalcyclist	32	1	31	1	31
Semi	7	1	2	0	9
Bus	2	0	1	0	7
Other	27	1	14	4	31
Unknown	56	0	21	0	16
<b>Total</b>	<b>11,956</b>	<b>77</b>	<b>4,809</b>	<b>63</b>	<b>4,242</b>

For this page, drivers and victims are teenagers (people between the ages of 15 and 19). Victims are teenagers killed or injured in crashes regardless of the age of the driver.

## Teenagers Killed in Crashes in New Mexico, 1995 - 1999



## Teenagers Injured in Crashes in New Mexico, 1995 - 1999



## Teenage Crash Facts in New Mexico, 1999

- Of all drivers in crashes, 18 percent were teenagers, although teenagers comprised only seven percent of New Mexico's drivers.
- The number of teenage fatalities increased from 50 to 63 in 1999.
- Male teenagers died in crashes 43 percent more often than female teenagers.
- 46 percent of teenage crash deaths involved alcohol.
- A teenager was killed in a traffic crash every six days and one was injured every 123 minutes.
- Teenage occupants' self-reported seatbelt use was 92 percent, while that of all occupants was 96 percent.
- 23 percent of crashes involving teenage drivers occurred at night, while 23 percent of all crashes also occurred at night.

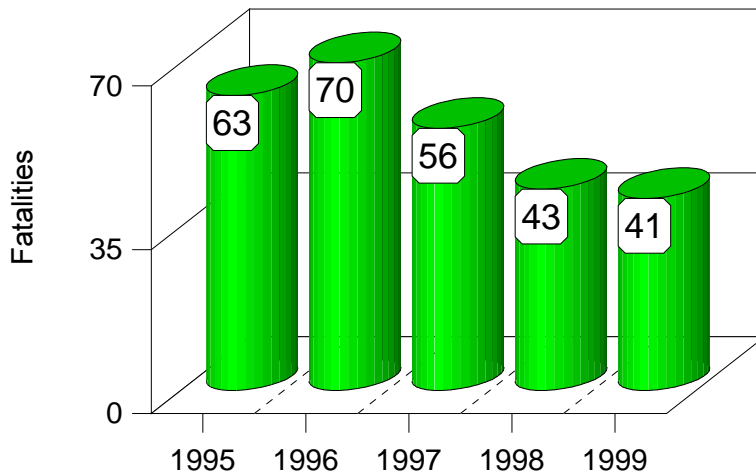
# YOUNG ADULTS

## Young Adults in Crashes in New Mexico by Vehicle Type, 1999

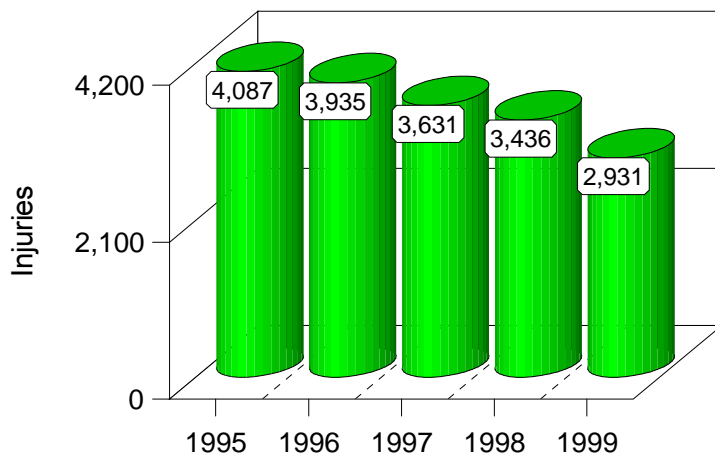
Vehicle Type	Drivers			Victims	
	Total	Crash Severity		Killed	Injured
		Fatal	Injury		
Passenger Car	5,708	31	2,376	22	1,904
Pickup	2,236	16	869	7	607
Van or 4WD	738	9	300	4	235
Motorcycle	78	2	62	1	70
Semi	76	3	23	2	19
Pedestrian	36	6	30	5	31
Pedalcyclist	27	0	25	0	26
Bus	9	0	2	0	4
Other	72	0	28	0	22
Unknown	49	0	21	0	13
<b>Total</b>	<b>9,029</b>	<b>67</b>	<b>3,736</b>	<b>41</b>	<b>2,931</b>

For this page, drivers and victims are young adults (people between the ages of 20 and 24). Victims are all young adults killed or injured in crashes regardless of the age of the driver.

### Young Adults Killed in Crashes in New Mexico, 1995 - 1999



### Young Adults Injured in Crashes in New Mexico, 1995 - 1999



### Young Adult Crash Facts in New Mexico, 1999

- 13 percent of all drivers in crashes were young adult drivers, although young adults comprised only nine percent of New Mexico's drivers.
- The number of fatalities among young adults decreased from 43 to 41 in 1999.
- Young adult males died in crashes 41 percent more often than young adult females.
- 51 percent of crash deaths among young adults involved alcohol.
- A young adult was killed in a traffic crash every nine days and one was injured every 179 minutes.
- Young adult occupants' self-reported seatbelt use was 91 percent, while that of all occupants was 96 percent.
- 24 percent of crashes involving young adult drivers occurred at night, while only 23 percent of all crashes occurred at night.

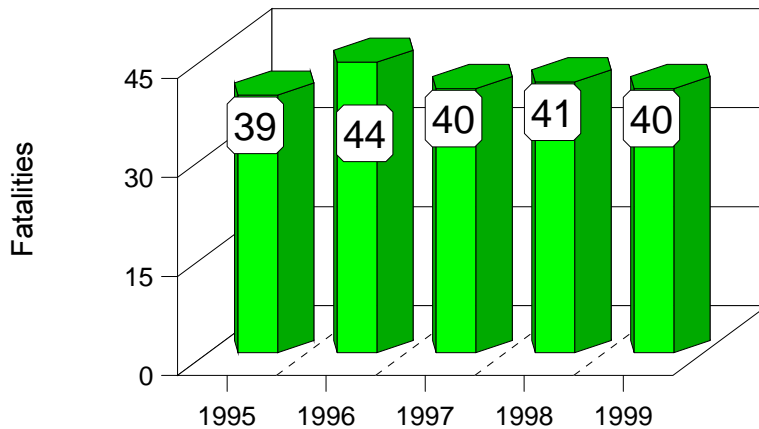
## Senior Citizens in Crashes in New Mexico by Vehicle Type, 1999

Vehicle Type	Drivers			Victims	
	Total	Crash Severity		Killed	Injured
		Fatal	Injury		
Passenger Car	2,533	16	1,015	18	801
Pickup	773	11	255	8	172
Van or 4WD	346	3	123	6	98
Pedestrian	25	6	18	6	19
Semi	12	0	3	0	1
Bus	8	0	2	0	5
Pedalcyclist	6	1	4	1	4
Motorcycle	4	0	4	0	4
Other	25	0	6	0	5
Unknown	15	1	2	1	1
<b>Total</b>	<b>3,747</b>	<b>38</b>	<b>1,432</b>	<b>40</b>	<b>1,110</b>

For this page, drivers and victims are senior citizens (people age 70 and older). Victims are all seniors killed or injured in crashes regardless of the age of the driver.

**Prior to 1998 seniors were defined as 55 years or older. This year's data are therefore not comparable to data prior to 1998**

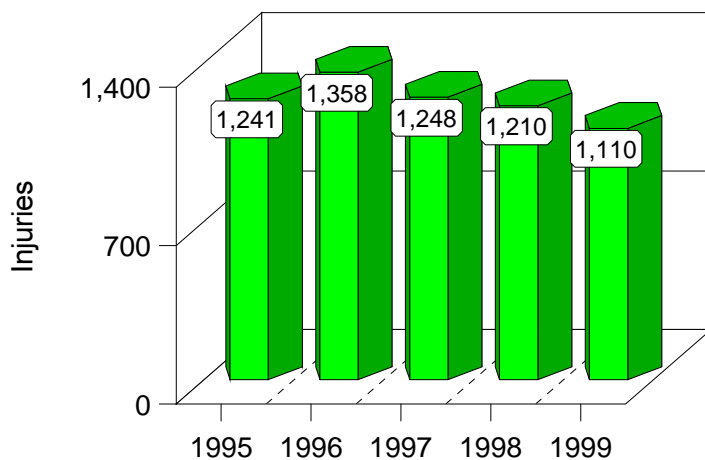
## Senior Citizens Killed in Crashes in New Mexico, 1995 - 1999



## Senior Citizen Crash Facts in New Mexico, 1999

- 3 percent of all drivers in crashes were seniors, although seniors comprised eight percent of New Mexico's drivers.
- The number of senior fatalities decreased from 41 to 40 in 1999.
- 21 male seniors and 19 female seniors died in crashes in 1999.
- Alcohol was a contributing factor in 18 percent of all crash deaths involving seniors.
- A senior was killed in a traffic crash every nine days and one was injured every eight hours.
- Senior occupants' self-reported seatbelt use was 95 percent while that of all occupants was 96 percent.
- 8 percent of crashes involving senior drivers occurred at night, while 23 percent of all crashes occurred at night.

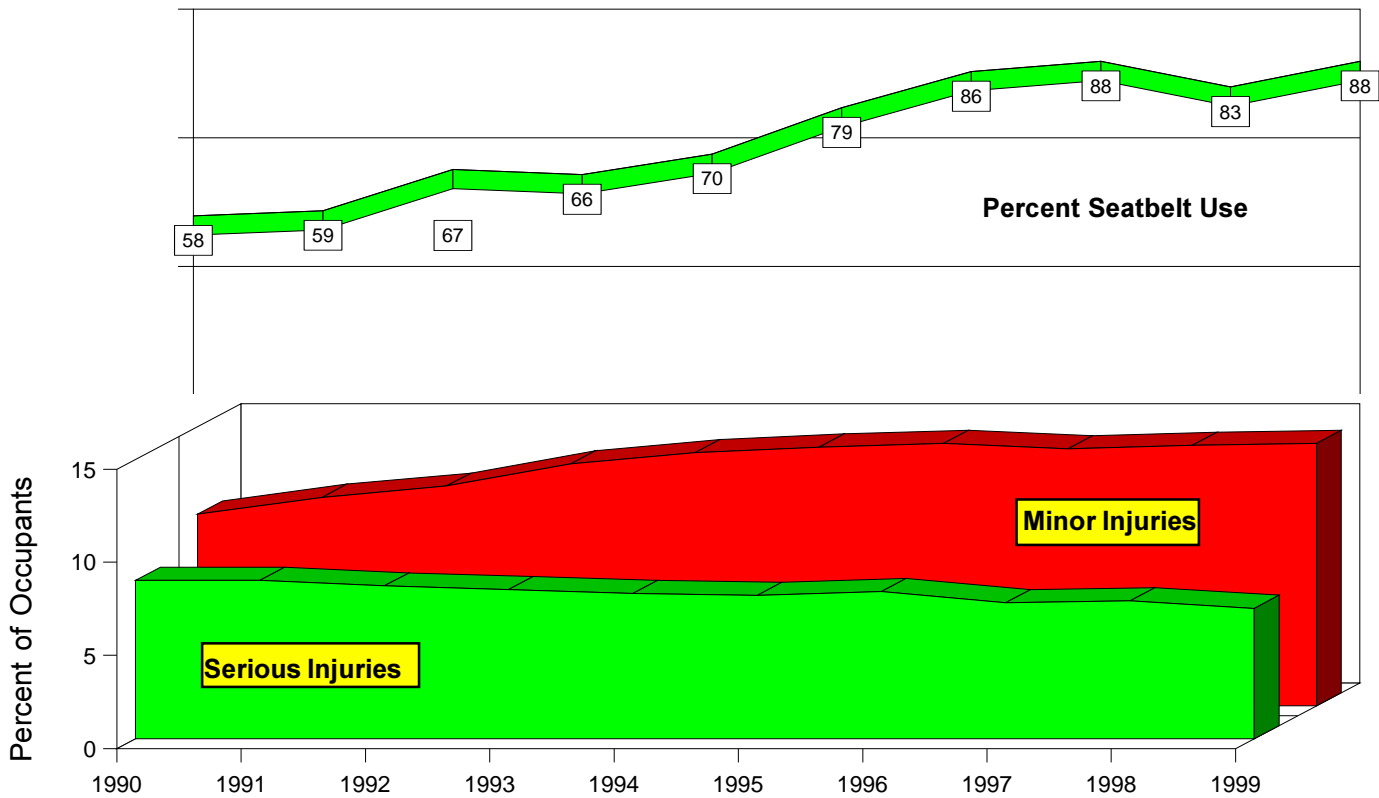
## Senior Citizens Injured in Crashes in New Mexico, 1995 - 1999



# SEATBELT

The mandatory seatbelt law for drivers and front-seat passengers in cars became effective on January 1, 1986. A similar law for drivers and front-seat passengers riding in pickups became effective on June 16, 1989. The fine for non-compliance is \$25.00.

## Observed Seatbelt Usage and Crash Injury Severity for Front-seat Occupants, 1990 - 1999



Source: see page 37.

Since 1991, the proportion of people injured in crashes has increased, perhaps due to higher driving speeds. However, as observed seatbelt usage has increased there has been a noticeable shift from more severe to less severe injuries. This is particularly evident between 1990 and 1995, where a steady increase in minor injuries coincided with a consistent decrease in serious injuries. In 1998 a new technique was used to estimate seatbelt usage therefore, this year's data is not comparable to previous years' data.

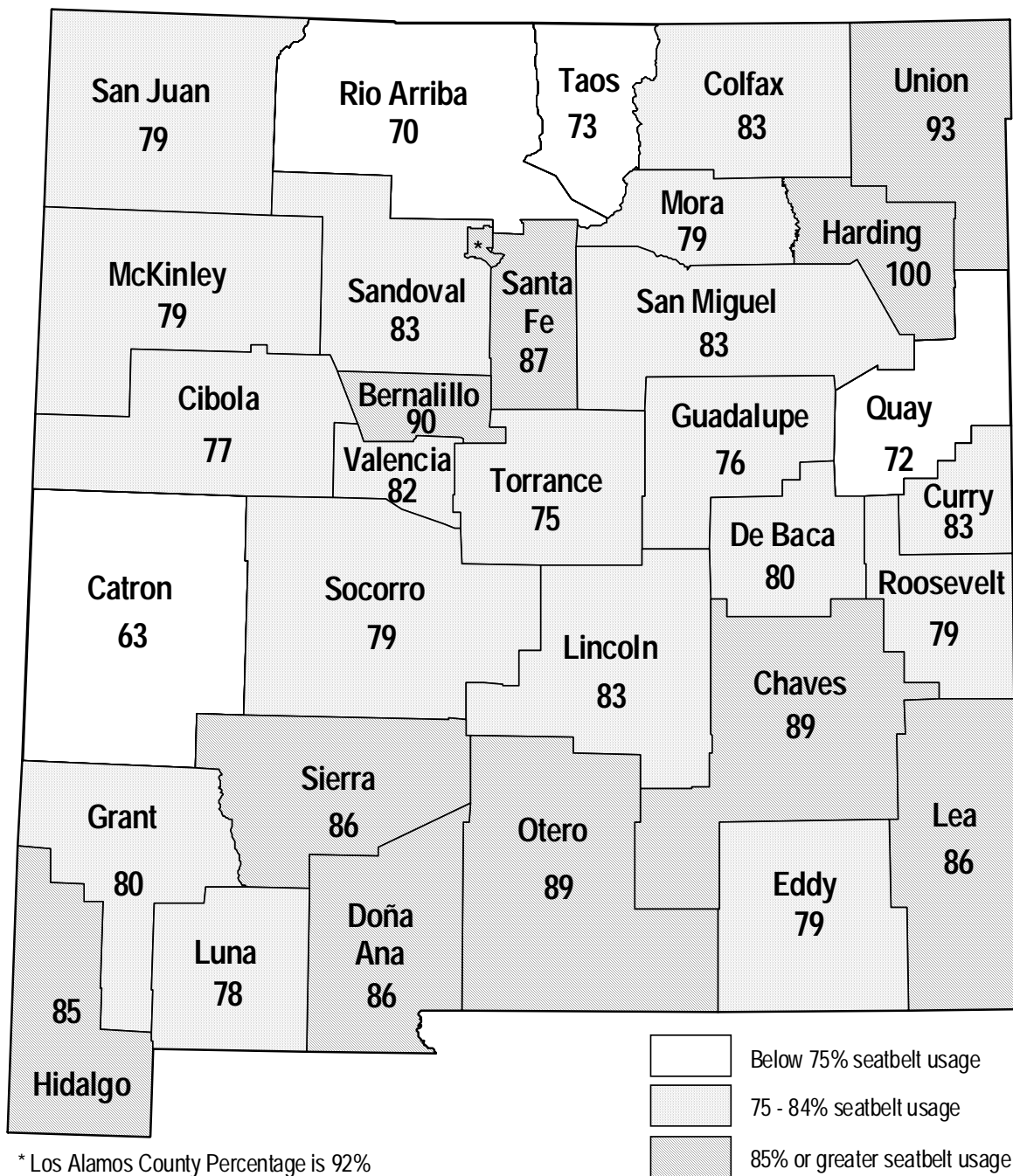
## Crash Injuries in New Mexico by Reported Seatbelt Usage, 1999

Severity	Belt worn <sup>1</sup>		Belt not worn		Total	
	Number	Percent	Number	Percent	Number	Percent
Killed	106	0.1	208	5.4	314	0.3
Incapacitating injury	2,344	2.4	559	14.5	2,903	2.9
Visible injury	3,536	3.6	678	17.6	4,214	4.2
Complaint of injury	13,964	14.3	509	13.2	14,473	14.3
Unhurt	77,465	79.5	1,909	49.4	79,374	78.4
<b>Total</b>	<b>97,415</b>	<b>100.0</b>	<b>3,863</b>	<b>100.0</b>	<b>101,278</b>	<b>100.0</b>

<sup>1</sup> In order to avoid citations, some people in less severe crashes may have reported wearing a seatbelt when they were not.

- Information on this page only includes passenger cars, pickups, and vans or 4WD.

## Seat Belt Usage among Injured Occupants by County, 1997-1999



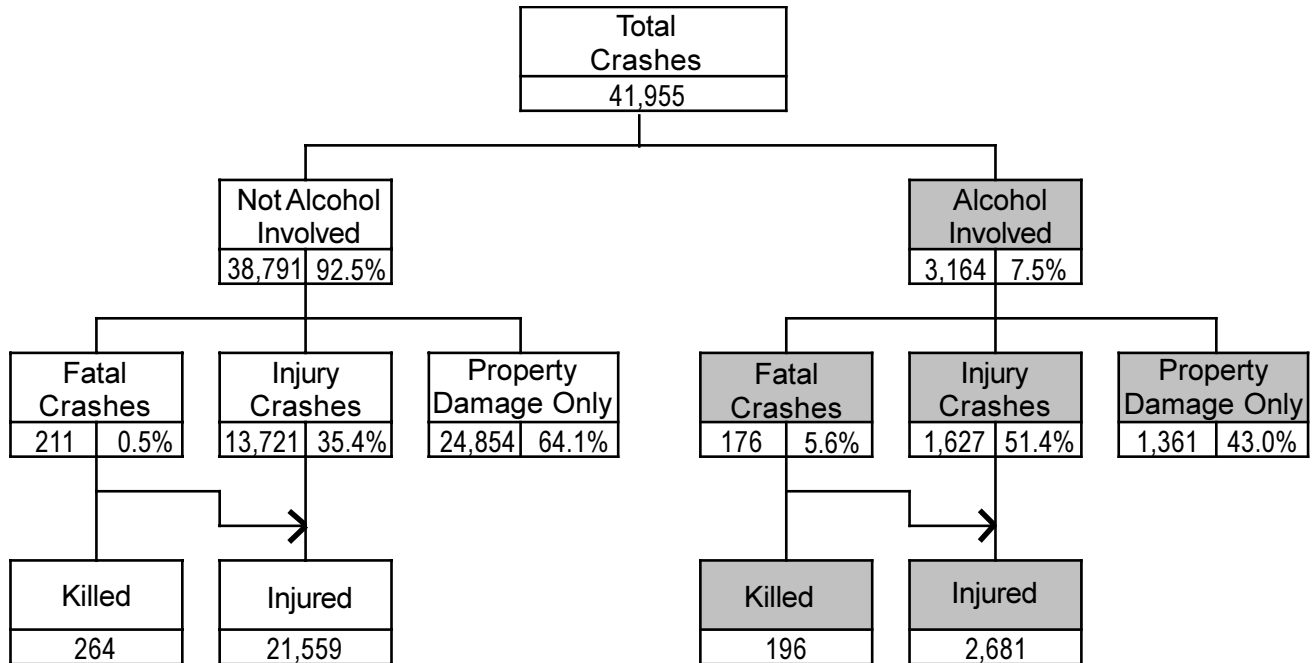
This Map shows the average reported seatbelt usage in crashes for 1997-1999. The data are for drivers and right front passengers in vehicles registered in NM who received visible or incapacitating injuries in crashes. This proxy for overall seatbelt usage is used here because it has matched the results of observational surveys closely over the past 10 years. The statewide average for 1997-1999 was 84%.

# ALCOHOL

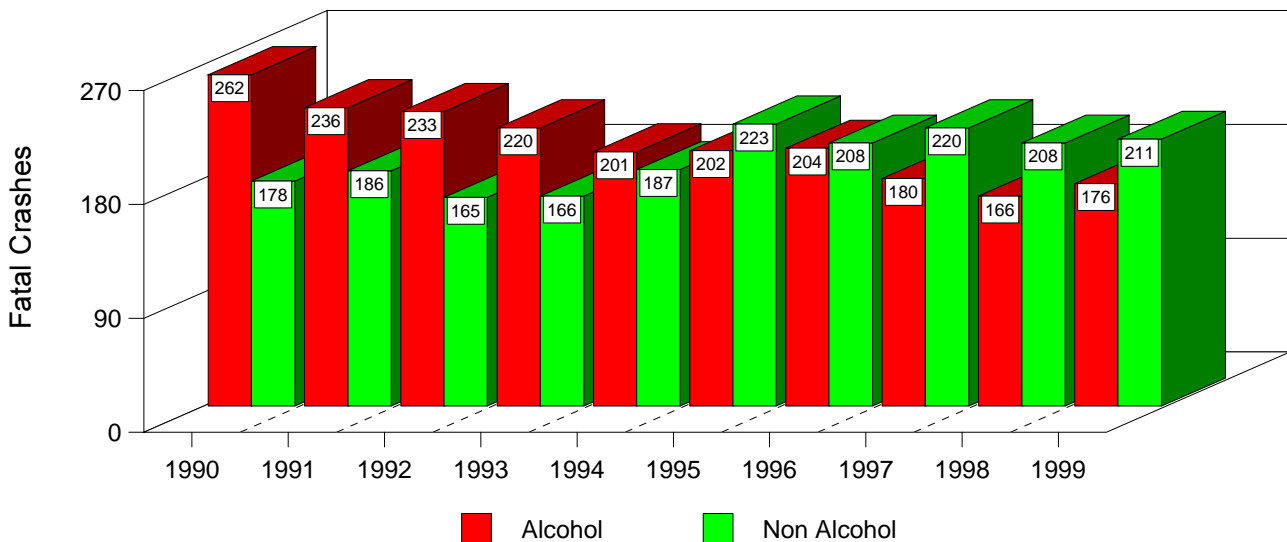
## In 1999 ...

- 45 percent of all fatal crashes involved alcohol.
- A person died in an alcohol-involved crash every 45 hours.
- A person was injured in an alcohol-involved crash every 196 minutes.
- An alcohol-involved crash occurred every 166 minutes.

## Crashes in New Mexico by Alcohol Involvement, 1999



## Fatal Crashes in New Mexico by Alcohol Involvement, 1990 - 1999





## In 1999 ...

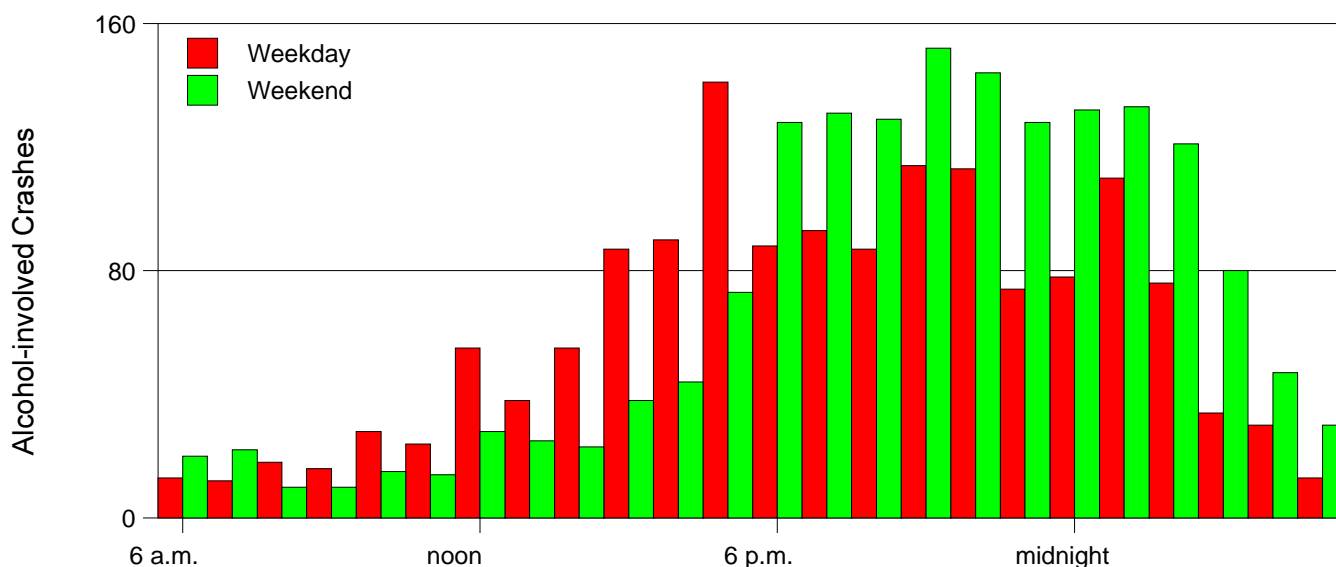
- 62 percent of all alcohol-involved fatal crashes occurred on Friday, Saturday, or Sunday.
- 45 percent of all alcohol-involved crashes happened on Friday or Saturday.
- More alcohol-involved crashes occurred between 5 p.m. and 6 p.m. than any other hour on weekdays.

## Alcohol-involved Crashes in New Mexico by Day of the Week, 1999

Day	Total	Fatal
Sunday	393	18
Monday	292	16
Tuesday	314	14
Wednesday	309	14
Thursday	423	23
Friday	727	41
Saturday	702	50
<b>Total</b>	<b>3,160</b>	<b>176</b>

• For this table, each day was considered to run from 6:00 a.m. to 5:59 a.m. the following morning.

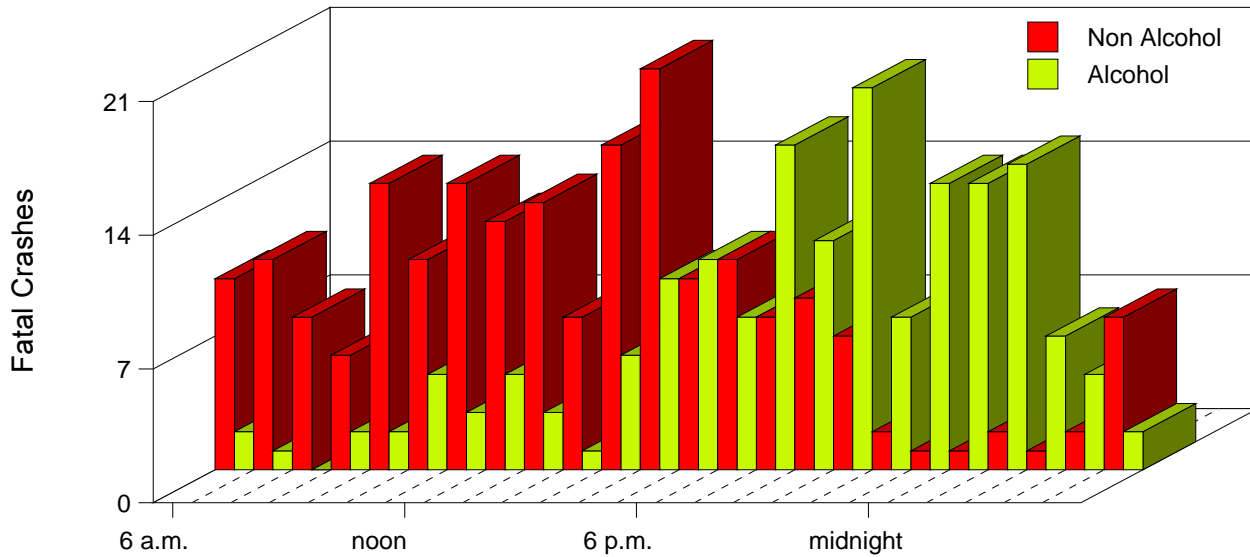
## Alcohol-involved Crashes in New Mexico by Hour of the Day, 1999



• The weekend is defined as beginning on Friday evening at 6:00 p.m. and ending on Monday morning at 5:59 a.m. For perspective, the weekend period has 60 hours total, while the weekday period consists of 108 hours.

# ALCOHOL

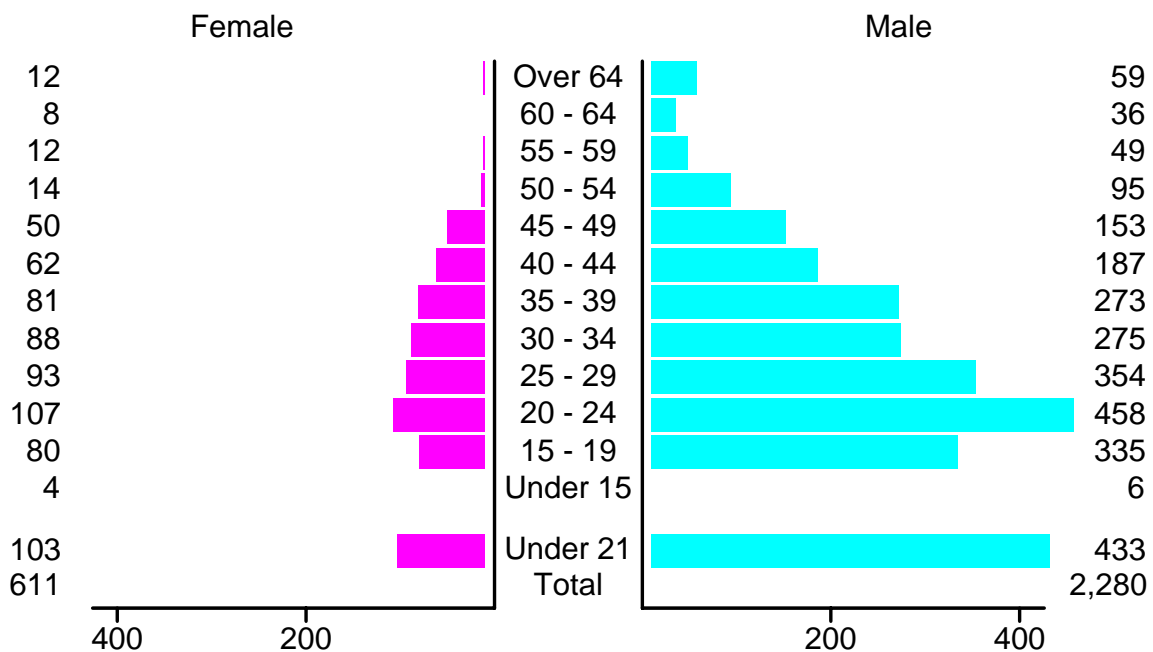
## Fatal Crashes in New Mexico by Hour of the Day and Alcohol Involvement, 1999



### In 1999 ...

- 19 percent of the alcohol-involved drivers in crashes were less than 21 years old; this percentage is up less than 1 percent from 1998.
- Male drivers are almost four times as likely as female drivers to be in alcohol-involved crashes.

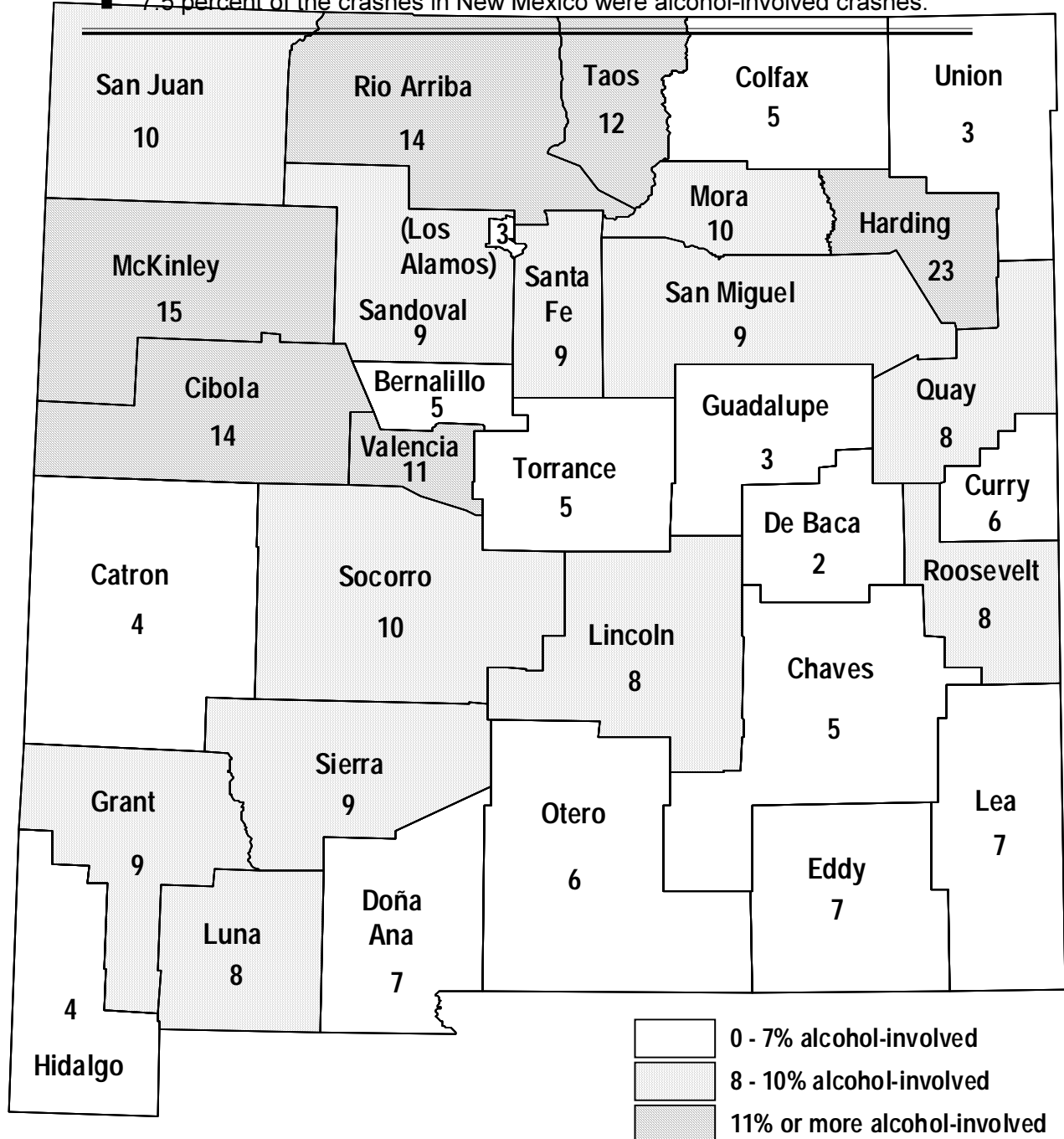
## Alcohol-involved Drivers in Crashes in New Mexico by Age and Sex, 1999



## Percent Alcohol-involved Crashes in New Mexico by County, 1999

In 1999 ...

■ 7.5 percent of the crashes in New Mexico were alcohol-involved crashes.

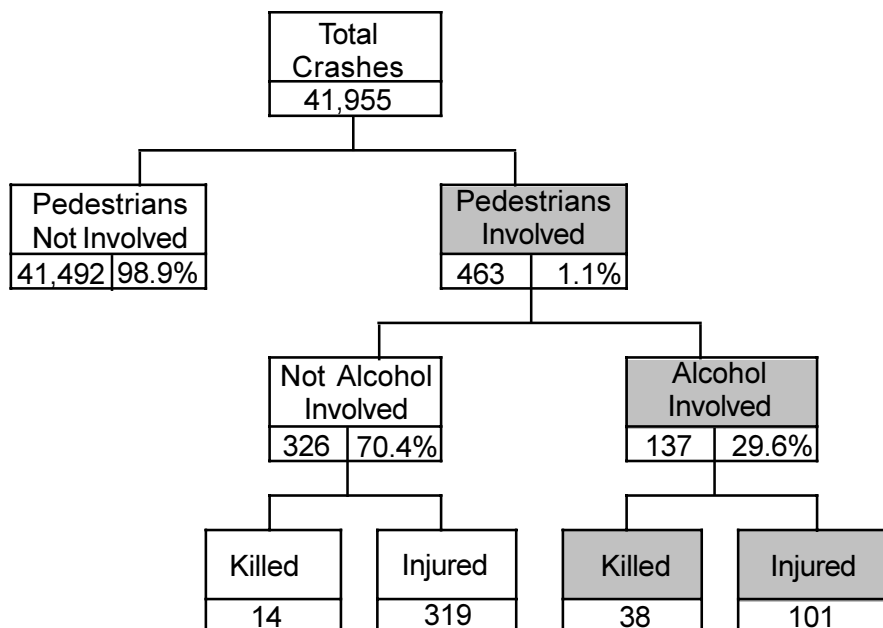


# PEDESTRIANS

In 1999 ...

- 73 percent of pedestrian deaths were alcohol-involved.

## Alcohol-involved Pedestrian Crashes in New Mexico, 1999



## Seven Counties with Highest Pedestrian Death Rates, 1999

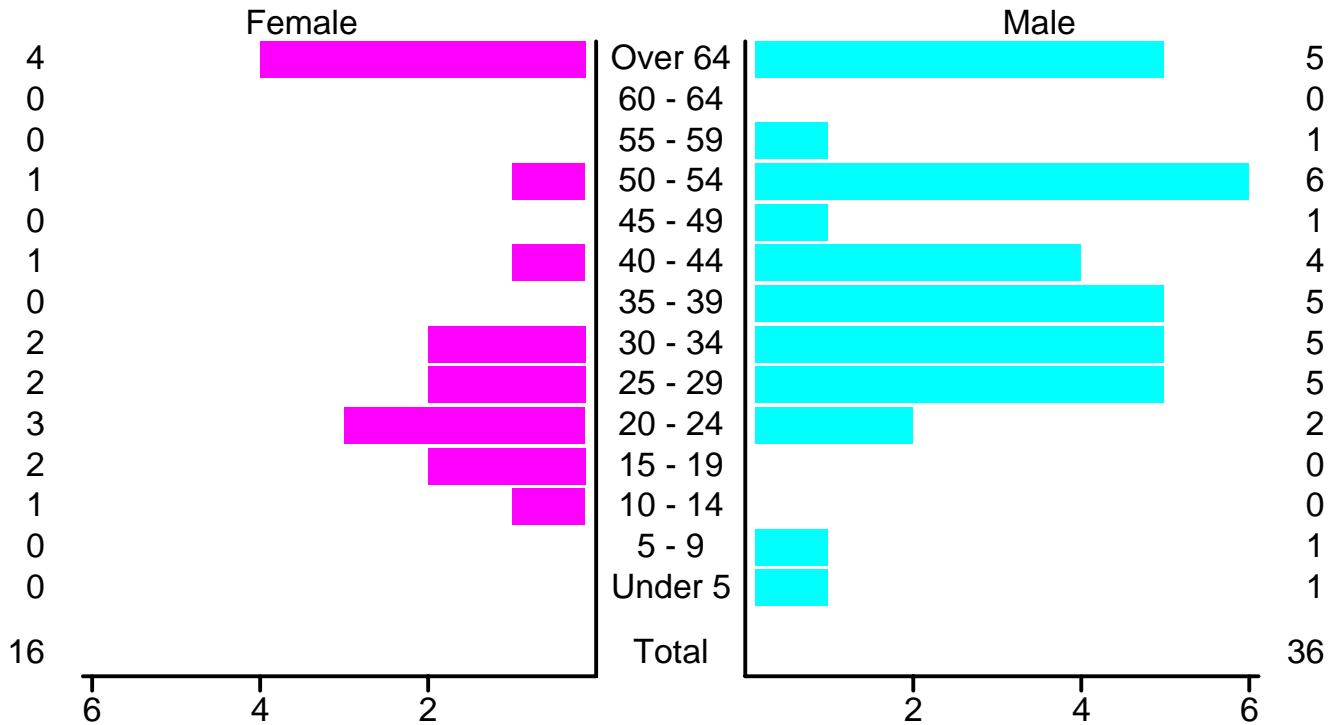
County	Pedestrians in Crashes			Deaths per 100 MVM
	Total	Killed	Injured	
McKinley	36	10	24	0.76
Rio Arriba	16	4	12	0.66
San Miguel	12	2	10	0.48
Cibola	5	3	2	0.48
Luna	5	2	3	0.40
Eddy	20	3	15	0.35
Sandoval	12	3	8	0.33

# PEDESTRIANS

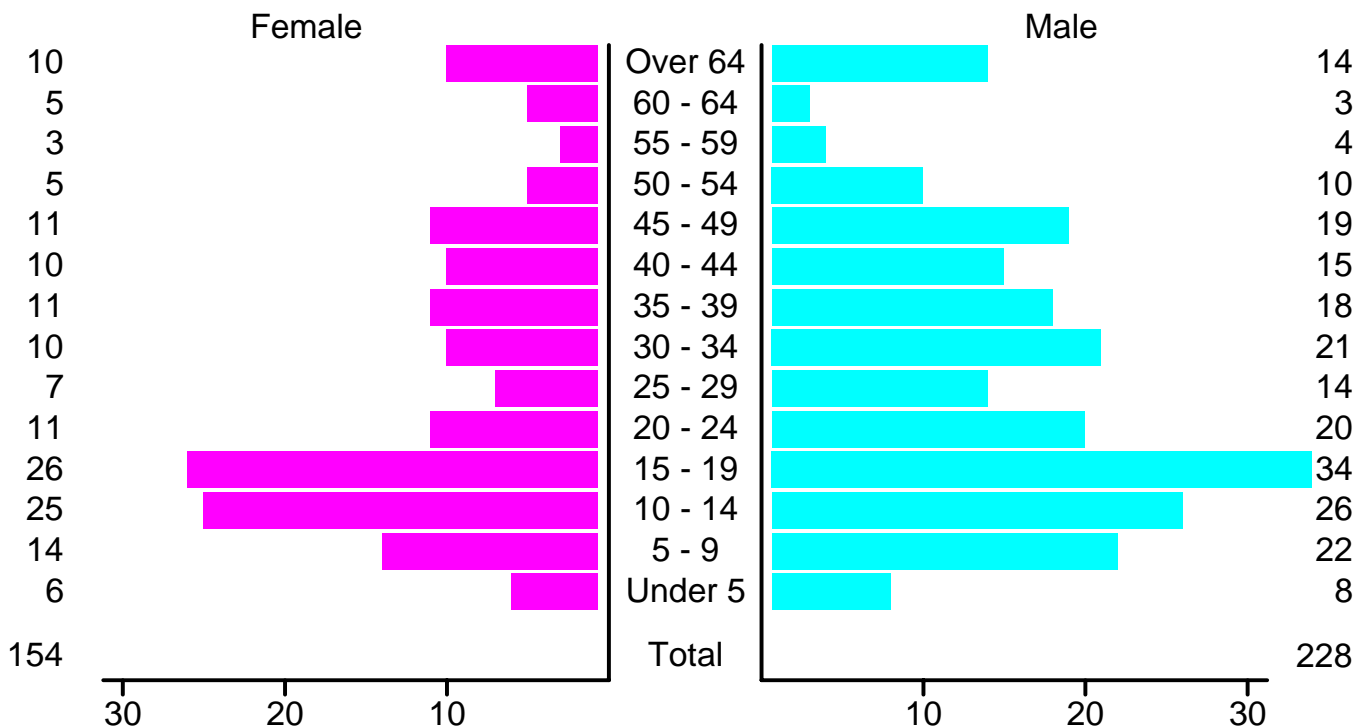
In 1999 ...

- 87 percent of pedestrian deaths involved pedestrian error.

## Pedestrians Killed in Crashes in New Mexico by Age and Sex, 1999



## Pedestrians Injured in Crashes in New Mexico by Age and Sex, 1999



# MOTORCYCLES

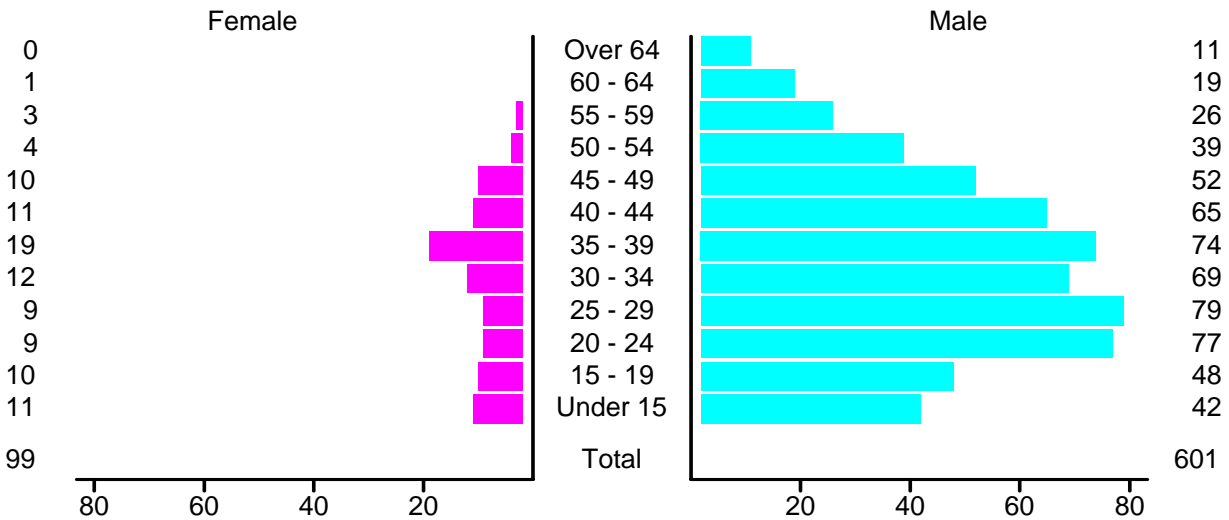
## Motorcyclists in Crashes in New Mexico, 1990 - 1999

Year	Number of riders <sup>1</sup>	Number of Fatalities		Motorcycle Registrations
		No Helmet	Helmet	
1999	739	20	7	38,528 <sup>2</sup>
1998	849	19	4	37,706 <sup>2</sup>
1997	870	24	2	31,512
1996	1,007	25	2	31,341
1995	1,117	25	8	31,146
1994	1,179	18	5	31,158
1993	1,273	26	5	31,217
1992	1,284	23	10	30,466
1991	1,290	32	7	31,975
1990	1,339	43	5	30,696

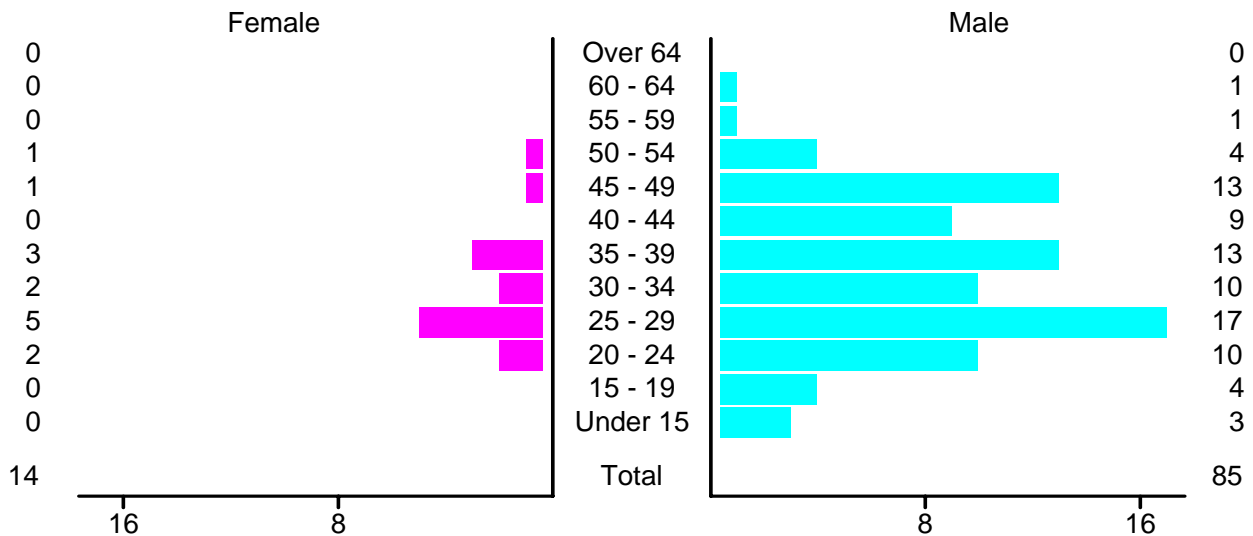
1 Riders include drivers and passengers on motorcycles.

2 These are counts of registration transactions which were affected by the advent of 2-year registration in 1998.

## Motorcyclists in Crashes by Age and Sex, 1999



## Motorcyclists in Alcohol-Involved Crashes by Age and Sex, 1999



# MOTORCYCLES

## Motorcyclists' Helmet Usage and Injuries in New Mexico, 1999










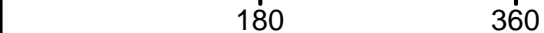
Injury	With helmet	Without helmet	Total
Killed	7	20	27
Incapacitating	54	124	178
Visible injury	81	205	286
Complaint	43	63	106
Unhurt	26	113	139
<b>Total</b>	<b>211</b>	<b>525</b>	<b>736</b>

## Motorcyclists in Crashes in New Mexico by Age, 1999

Driver Age	Drivers			Riders <sup>1</sup>	
	Total	Crash Severity		Killed	Injured
		Fatal	Injury		
Under 15	27	1	22	1	33
15-19	45	0	40	0	47
20-24	78	2	62	1	70
25-29	76	3	59	5	64
30-34	75	6	57	5	69
35-39	78	2	67	2	79
40-44	64	3	50	3	57
45-49	52	2	44	2	47
50-54	40	3	35	3	40
55-59	25	1	24	1	25
60-64	19	3	13	3	15
Over 64	11	1	9	1	9
<b>Total</b>	<b>590</b>	<b>27</b>	<b>482</b>	<b>27</b>	<b>555</b>

<sup>1</sup> Riders include drivers and passengers on motorcycles.

## Motorcycle Crash Involvements in New Mexico by Class, 1999

Class	Total	Fatal	Injury	Total
Other Vehicle	360	14	272	
Overturn	101	7	90	
Fixed Object	75	4	64	
Other Non-collision	56	0	51	
Parked Vehicle	17	1	7	
Animal	14	0	12	
Pedestrian	5	1	4	
Pedalcyclist	3	0	2	
Other Object	3	0	3	
<b>Total</b>	<b>634</b>	<b>27</b>	<b>505</b>	

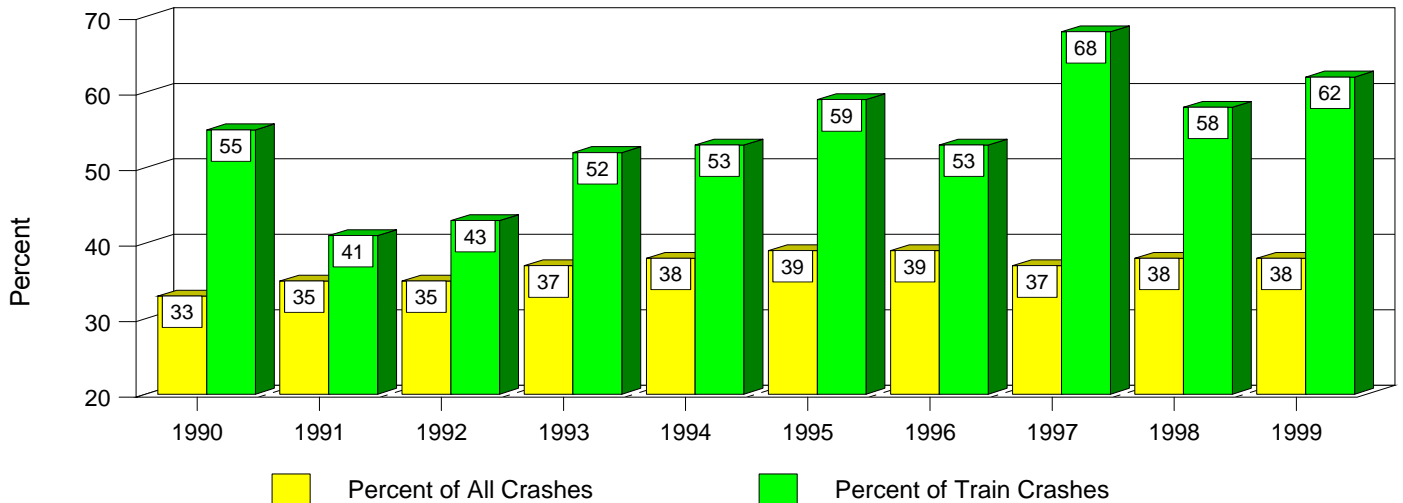
All vehicles: see page 17.

# TRAINS

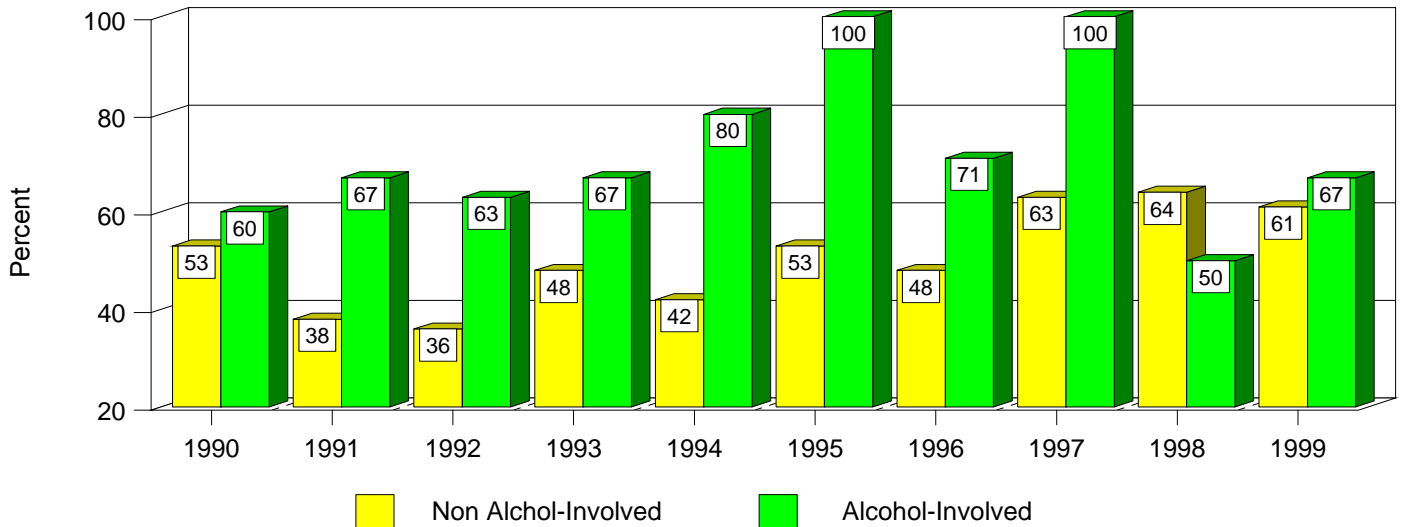
## Traffic Crashes Involving Trains by Severity in New Mexico, 1990 - 1999

Year	Crashes				People	
	Total	Fatal	Injury	Property Damage	Killed	Injured
1999	21	3	10	8	3	13
1998	19	4	7	8	4	9
1997	22	4	11	7	5	18
1996	30	4	12	14	8	21
1995	17	4	6	7	4	11
1994	17	2	7	8	2	13
1993	29	3	12	14	4	22
1992	30	1	12	17	1	22
1991	29	3	9	17	3	11
1990	22	1	11	10	1	12

### Percent of Crashes Resulting in Fatalities or Injuries by Train Involvement, 1990-1999



### Percent of Train Crashes Resulting in Fatalities or Injuries by Alcohol-involvement, 1990-1999





**The data sources are:**

**Crash Files** - information from crash reports submitted by the many law enforcement agencies in the state, which are compiled and processed by the Transportation Statistics Bureau and analyzed by the Division of Government Research, UNM.

**Licensed Drivers** - driver's license data maintained by the Motor Vehicle Division of the New Mexico Taxation and Revenue Department. Counts are current as of July 1999.

**Motor Vehicle Registrations** - counts are from the Motor Vehicle Division of the New Mexico Taxation and Revenue Department, which are published by the Bureau of Business and Economic Research, UNM (*University of New Mexico, Institute of Applied Research Services, Data Bank, 1999*).

**Population** - counts are from U.S. Department of Commerce, Bureau of the Census, Population Estimates Branch, July 2000.

**Cost Estimates** - the cost of crashes in New Mexico is based on Federal Highway Administration estimation formulae (*The Cost of Highway Crashes*, FHWA-RD-91-055, Federal Highway Administration, 1991). These are estimates, not actual dollar amounts. Included are direct costs such as lost wages and medical expenses, and indirect "willingness to pay" estimates of lost quality of life.

**Million Vehicle Miles (MVM)** - computations are based on the daily average vehicle miles traveled and system mileages by county and functional classification from the Highway Planning and Research Division of the New Mexico State Highway and Transportation Department. In 1988, the Highway Planning and Research Division made changes in its traffic monitoring methodology. These changes mean that discretion must be used in directly comparing previous and current years' MVMs and any rates based on MVMs. Also, the MVM figures for 1999 are estimates for the federal fiscal year of 1999.

**National Death Rates** - figures are calculated using fatalities from *the Monthly Traffic Fatality Report*, the National Center for Statistics & Analysis - Research & Development, the National Highway Traffic Safety Administration, the U.S. Department of Transportation, and the population counts from the Census Bureau.

**National Crash Rates** - The data for the national crash rates are derived from the General Estimates System (GES) which began operation in 1988. Care should be taken when comparing National and New Mexico crash rates because the statistics obtained from the GES are estimates based on a sample of crashes.

**Seatbelt** - data for seatbelts was prepared by the Division of Epidemiology, Evaluation and Planning of the New Mexico Department of Health (*Occupant Protection Survey, State of New Mexico, Department of Health, 1999*).

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UNIVERSITY OF NEW MEXICO

The Division of Government Research (DGR) provides specialized information processing services and data analysis to a wide range of clients in New Mexico and around the nation. We are happy to have prepared this annual report for the New Mexico Traffic Safety Bureau for the nineteenth year. This report displays a very small fraction of the data and information which are available about traffic crashes and highway conditions in New Mexico. The preparation of this publication entailed the extensive use of computerized files which are maintained by DGR, but owned by the New Mexico State Highway and Transportation Department. Hence, special requests for the use of crash data should be directed to:

The New Mexico Traffic Safety Bureau (505) 827-0427.

DGR has produced a number of traffic and highway safety publications for the Traffic Safety Bureau over our long association. For further information on these products and our specialized services in these and other fields, please contact:

Mr. James Davis, Director - DGR (505) 277-3305.

email: [dgrint@unm.edu](mailto:dgrint@unm.edu)

web site: <http://www.unm.edu/~dgrint>

**ACKNOWLEDGEMENTS**

This report was produced by: Wendy M. Anderson, Matthew Haskin, and Darlene Mayette. Bich-Hanh Nguyen was the project leader and editor.

Printed by University of New Mexico Printing Services

## Traffic Fatalities in New Mexico by County, 1999

