

# UNSAFE SPEED CRASHES IN 2011

Highway Safety Fact Sheet

Oklahoma  
Department of Public Safety  
Highway Safety Office

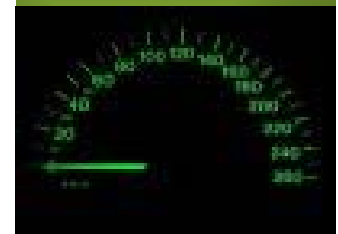
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[www.ohso.ok.gov](http://www.ohso.ok.gov)

▶ Two-thirds of fatal unsafe speed crashes occurred in rural areas.

▶ Fatalities in unsafe speed crashes increased 8.6% from 163 in 2010 to 177 in 2011.



Unsafe Speed Fatal Crashes & Fatalities Five-Year Trend					
	2007	2008	2009	2010	2011
Unsafe Speed Fatal Crashes	192	204	194	152	164
Total Fatal Crashes	653	673	646	616	609
Unsafe Speed Fatal Crashes as Percentage of Total Fatal Crashes	29.4%	30.3%	30.0%	24.7%	26.9%
Fatalities Occurring in Unsafe Speed Crashes	220	223	213	163	177
Total Fatalities	770	751	737	668	696
Unsafe Speed Fatalities as Percentage of Total Fatalities	28.6%	30.0%	29.9%	24.4%	25.4%

## CRASHES

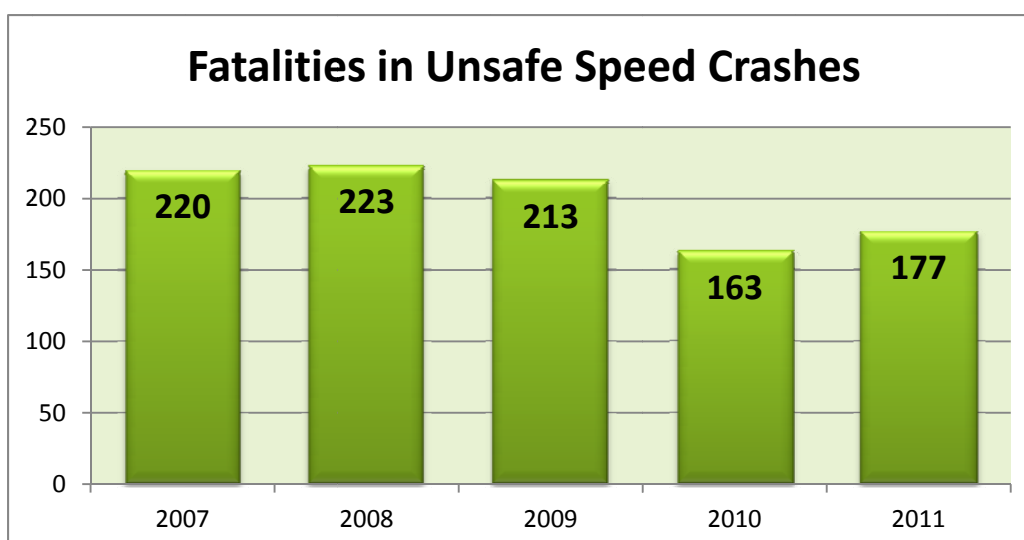
In 2011, Oklahoma reported 8,924 unsafe speed crashes. These crashes accounted for 12.9% of the total crashes.

- ▶ The 164 unsafe speed fatal crashes accounted for 26.9% of the total fatal crashes in 2011.
- ▶ Fatal unsafe speed crashes increased 7.9% from 152 in 2010 to 164 in 2011.

## FATALITIES & INJURIES

In 2011, there were 177 fatalities and 5,930 persons injured in unsafe speed crashes. Of the 177 fatalities, 139 were drivers, 34 were passengers, three were pedestrians and one was a bicyclist.

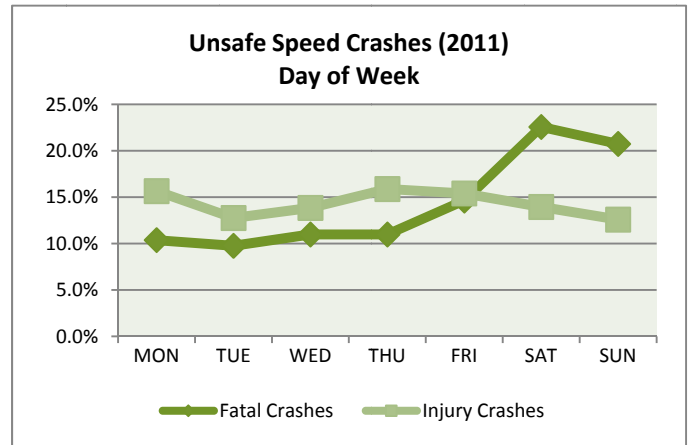
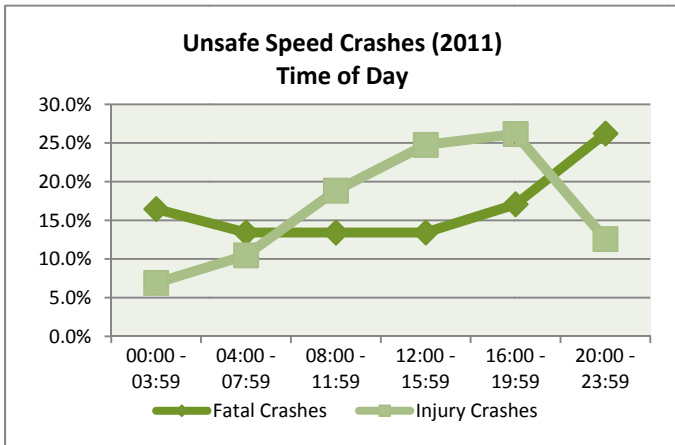
Fatalities in unsafe speed crashes increased 8.6% from 163 in 2010 to 177 in 2011.



**TIME OF DAY & DAY OF WEEK**

Fatal unsafe speed crashes occurred more often between 8:00 p.m. (20:00) and 11:59 p.m. (23:59). Injury unsafe speed crashes occurred more often between 4:00 p.m. (16:00) and 7:59 p.m. (19:59).

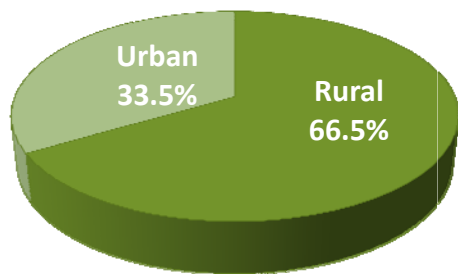
Fatal unsafe speed crashes occurred more often on Saturday, and injury unsafe speed crashes occurred most often on Thursday, followed by Monday.



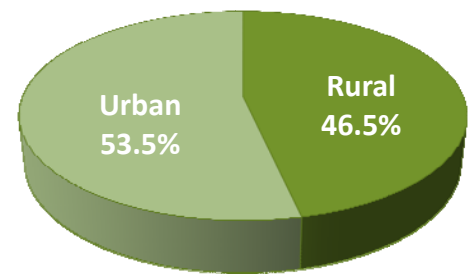
**RURAL VS. URBAN**

Some 66.5% of the fatal unsafe speed crashes occurred in rural areas. However, 53.5% injury unsafe speed crashes occurred in urban areas.

**Fatal Unsafe Speed Crashes (2011)**



**Injury Unsafe Speed Crashes (2011)**



**RESTRAINT USE BY FATALITIES**

Of the 129 occupant fatalities in passenger vehicles/pickup trucks in unsafe speed crashes with known restraint use, 70.5% were unrestrained.

Comparison of occupant fatalities in unsafe speed crashes shows that 75.6% of pickup truck occupants were unrestrained while 68.2% of passenger vehicle occupants were unrestrained.

Fatalities in Unsafe Speed Crashes (2011) In Passenger Vehicles/Pickup Trucks By Person Type, Vehicle Type & Person Restraint Use			
Person Type	Restraint Use		Total
	Not In Use	In Use	
Passenger Vehicle Driver	43	20	63
Pickup Truck Driver	28	9	37
<b>Total Driver Fatalities</b>	<b>71</b>	<b>29</b>	<b>100</b>
Passenger in Passenger Vehicle	17	8	25
Passenger in Pickup Truck	3	1	4
<b>Total Passenger Fatalities</b>	<b>20</b>	<b>9</b>	<b>29</b>
<b>Total Driver Fatalities</b>	<b>60</b>	<b>28</b>	<b>88</b>
<b>Total Passenger Fatalities</b>	<b>31</b>	<b>10</b>	<b>41</b>
<b>Total Fatalities</b>	<b>91</b>	<b>38</b>	<b>129</b>

**DRIVER AGE**

Of the 4,098 drivers with a contributing factor of unsafe speed in injury crashes, 32.7% were age 16-25, 21.3% were age 26-35 and 13.4% were age 36-45. Of the 168 drivers with a contributing factor of unsafe speed in fatal crashes, 32.7% were age 16-25, 21.4% were age 26-35 and 14.3% were age 46-55.

**DRIVER SEX**

Of the 168 drivers in fatal crashes with a contributing factor of unsafe speed, 78.6% were male. Of the 4,098 drivers in injury crashes with a contributing factor of unsafe speed, 59.9% were male.

There were approximately three times as many male as female drivers in fatal crashes with a contributing factor of unsafe speed.

**ALCOHOL-RELATED DRIVER CONDITION**

Of the 4,098 drivers with a contributing factor of unsafe speed involved in fatal or injury crashes, 6.2% had an alcohol-related driver condition.

Of the 256 drivers with an alcohol-related driver condition involved in fatal or injury unsafe speed crashes, 25.4% were in fatal crashes.

Of the 65 drivers in fatal crashes, 35.4% were age 26-35, 24.6% were age 16-25 and 15.4% were age 36-45.

Of the 191 drivers with an alcohol-related driver condition involved in injury unsafe speed crashes, 40.8% were age 16-25, 28.8% were age 26-35 and 12.6% were age 36-45.

Drivers with Contributing Factor of Unsafe Speed (2011) By Driver Age & Crash Injury Severity						
Driver Age	Crash Injury Severity				Total	
	Fatal		Injury			
	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers
Unknown	1	0.6%	127	3.1%	128	3.0%
Under 16	1	0.6%	40	1.0%	41	1.0%
16 - 25	55	32.7%	1572	38.4%	1627	38.1%
26 - 35	36	21.4%	871	21.3%	907	21.3%
36 - 45	23	13.7%	548	13.4%	571	13.4%
46 - 55	24	14.3%	425	10.4%	449	10.5%
56 - 65	16	9.5%	318	7.8%	334	7.8%
66 - 75	5	3.0%	124	3.0%	129	3.0%
76+	7	4.2%	73	1.8%	80	1.9%
<b>Total</b>	<b>168</b>	<b>100.0%</b>	<b>4098</b>	<b>100.0%</b>	<b>4266</b>	<b>100.0%</b>

Injury includes incapacitating, non-incapacitating and possible.

Drivers with Contributing Factor of Unsafe Speed (2011) By Driver Sex & Crash Injury Severity						
Driver Sex	Crash Injury Severity				Total	
	Fatal		Injury			
	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers
Unknown	1	0.6%	60	1.5%	61	1.4%
Female	35	20.8%	1582	38.6%	1617	37.9%
Male	132	78.6%	2456	59.9%	2588	60.7%
<b>Total</b>	<b>168</b>	<b>100.0%</b>	<b>4098</b>	<b>100.0%</b>	<b>4266</b>	<b>100.0%</b>

Injury includes incapacitating, non-incapacitating and possible.

Drivers with a Contributing Factor of Unsafe Speed (2011) Alcohol-Related Driver Condition						
Driver Age	Fatal Crashes		Injury Crashes		Total	
	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers
Unknown						
Under 16						
16 - 25	16	24.6%	78	40.8%	94	36.7%
26 - 35	23	35.4%	55	28.8%	78	30.5%
36 - 45	10	15.4%	24	12.6%	34	13.3%
46 - 55	9	13.8%	23	12.0%	32	12.5%
56 - 65	6	9.2%	10	5.2%	16	6.3%
66 - 75	1	1.5%	1	0.5%	2	0.8%
76+						
<b>Total</b>	<b>65</b>	<b>100.0%</b>	<b>191</b>	<b>100.0%</b>	<b>256</b>	<b>100.0%</b>

**DRIVER CONTRIBUTING FACTOR**

Of the drivers with a contributing factor of unsafe speed in fatal crashes, 35.1% were exceeding the legal limit, 21.4% were driving at an unsafe speed on a curve/turn and another 9.5% were driving at an unsafe speed-other.

Of the drivers with a contributing factor of unsafe speed in injury crashes, 30.7% were driving at an unsafe speed for traffic conditions, 14.3% were driving at an unsafe speed on a wet roadway and 13.1% were driving at an unsafe speed on a curve/turn.

Driver with a Contributing Factor of Unsafe Speed in Crashes (2011)						
	Drivers in Fatal Crashes		Drivers in Injury Crashes		Total	
	Number	% of Total	Number	% of Total	Number	% of Total
Unsafe Speed - Driver's Ability (Age)	6	3.6%	44	1.1%	50	1.2%
Unsafe Speed - Inexperienced Driver (Young)	5	3.0%	134	3.3%	139	3.3%
Unsafe Speed - Exceeding Legal Limit	59	35.1%	432	10.5%	491	11.5%
Unsafe Speed - For Traffic Conditions	11	6.5%	1260	30.7%	1271	29.8%
Unsafe Speed - For Type of Roadway	12	7.1%	294	7.2%	306	7.2%
Unsafe Speed - For Ice or Snow on Roadway	7	4.2%	390	9.5%	397	9.3%
Unsafe Speed - Rain or Wet Roadway	11	6.5%	587	14.3%	598	14.0%
Unsafe Speed - Wind	1	0.6%	19	0.5%	20	0.5%
Unsafe Speed - Other Weather Conditions			32	0.8%	32	0.8%
Unsafe Speed - Vehicle Condition	1	0.6%	30	0.7%	31	0.7%
Unsafe Speed - View Obstruction	2	1.2%	34	0.8%	36	0.8%
Unsafe Speed - On Curve/Turn	36	21.4%	538	13.1%	574	13.5%
Unsafe Speed - Impeding Traffic	1	0.6%	75	1.8%	76	1.8%
Unsafe Speed - Other	16	9.5%	229	5.6%	245	5.7%
<b>Total</b>	<b>168</b>	<b>100.0%</b>	<b>4098</b>	<b>100.0%</b>	<b>4266</b>	<b>100.0%</b>
Injury includes incapacitating, non-incapacitating and possible.						

Fatalities & Injuries in Unsafe Speed Crashes (2011) Rates by Population and Vehicle Miles Traveled								
County	Population	Vehicle Miles Traveled	Fatalities			Injured		
			Number of Fatalities	Rate per 5,000 Population	Rate per 100 Million VMT	Number of Injured	Rate per 5,000 Population	Rate per 100 Million VMT
Adair	22,612	148,241,100	1	0.22	0.67	34	7.52	22.94
Alfalfa	5,662	93,188,150	1	0.88	1.07	13	11.48	13.95
Atoka	14,206	362,065,400	1	0.35	0.28	35	12.32	9.67
Beaver	5,624	152,989,750	1	0.89	0.65	5	4.45	3.27
Beckham	22,288	405,274,100	3	0.67	0.74	41	9.20	10.12
Blaine	9,780	142,247,800				37	18.92	26.01
Bryan	43,089	567,042,100				64	7.43	11.29
Caddo	29,537	424,356,300	4	0.68	0.94	74	12.53	17.44
Canadian	119,492	1,533,127,750	5	0.21	0.33	67	2.80	4.37
Carter	48,096	675,972,700	6	0.62	0.89	54	5.61	7.99
Cherokee	47,845	390,181,350				75	7.84	19.22
Choctaw	15,250	214,963,100	1	0.33	0.47	20	6.56	9.30
Cimarron	2,487	81,219,800				7	14.07	8.62
Cleveland	261,281	2,369,558,100	2	0.04	0.08	141	2.70	5.95
Coal	5,928	86,286,000				12	10.12	13.91
Comanche	125,815	1,076,023,650	4	0.16	0.37	118	4.69	10.97
Cotton	6,179	130,721,100				24	19.42	18.36
Craig	15,073	306,676,650				16	5.31	5.22
Creek	70,467	929,100,200	3	0.21	0.32	77	5.46	8.29
Custer	27,750	447,782,000	5	0.90	1.12	54	9.73	12.06
Delaware	41,633	387,739,500	1	0.12	0.26	113	13.57	29.14
Dewey	4,867	102,448,200				15	15.41	14.64
Ellis	4,051	89,370,250				10	12.34	11.19
Garfield	60,670	564,187,800	2	0.16	0.35	41	3.38	7.27
Garvin	27,452	561,640,100	3	0.55	0.53	61	11.11	10.86
Grady	53,020	637,457,900	4	0.38	0.63	77	7.26	12.08
Grant	4,585	82,157,850	1	1.09	1.22	5	5.45	6.09
Greer	6,125	51,757,000				4	3.27	7.73
Harmon	2,919	25,447,800				5	8.56	19.65
Harper	3,695	80,358,400				1	1.35	1.24
Haskell	12,810	129,443,600	2	0.78	1.55	13	5.07	10.04
Hughes	13,843	143,302,650	2	0.72	1.40	19	6.86	13.26
Jackson	26,447	243,582,750	2	0.38	0.82	21	3.97	8.62
Jefferson	6,506	72,631,350				4	3.07	5.51
Johnston	11,139	116,938,700	1	0.45	0.86	11	4.94	9.41
Kay	46,159	588,201,150				28	3.03	4.76
Kingfisher	15,213	181,543,700	2	0.66	1.10	48	15.78	26.44
Kiowa	9,416	120,690,900	1	0.53	0.83	11	5.84	9.11
Latimer	11,155	114,931,200				31	13.90	26.97
LeFlore	50,628	569,473,000	3	0.30	0.53	84	8.30	14.75
Lincoln	34,155	539,758,350				63	9.22	11.67
Logan	42,499	455,187,850	1	0.12	0.22	42	4.94	9.23

Fatalities & Injuries in Unsafe Speed Crashes (2011) Rates by Population and Vehicle Miles Traveled								
County	Population	Vehicle Miles Traveled	Fatalities			injured		
			Number of Fatalities	Rate per 5,000 Population	Rate per 100 Million VMT	Number of Injured	Rate per 5,000 Population	Rate per 100 Million VMT
Love	9,386	333,927,550	1	0.53	0.30	18	9.59	5.39
McClain	35,235	729,317,450	2	0.28	0.27	73	10.36	10.01
McCurtain	33,195	416,019,700				64	9.64	15.38
McIntosh	20,360	438,854,100	1	0.25	0.23	36	8.84	8.20
Major	7,657	151,562,600				13	8.49	8.58
Marshall	16,049	156,293,000	1	0.31	0.64	12	3.74	7.68
Mayer	41,389	604,607,900	4	0.48	0.66	100	12.08	16.54
Murray	13,571	244,608,400	3	1.11	1.23	11	4.05	4.50
Muskogee	71,003	906,378,950	2	0.14	0.22	64	4.51	7.06
Noble	11,578	363,642,200				18	7.77	4.95
Nowata	10,629	117,435,100	2	0.94	1.70	23	10.82	19.59
Okfuskee	12,348	193,479,200	3	1.21	1.55	21	8.50	10.85
Oklahoma	732,371	9,924,470,450	25	0.17	0.25	722	4.93	7.27
Okmulgee	39,937	488,234,950	3	0.38	0.61	55	6.89	11.27
Osage	47,425	361,350,000	4	0.42	1.11	59	6.22	16.33
Ottawa	31,860	541,185,500	4	0.63	0.74	60	9.42	11.09
Pawnee	16,730	228,949,900	2	0.60	0.87	35	10.46	15.29
Payne	77,988	724,481,200	2	0.13	0.28	88	5.64	12.15
Pittsburg	45,625	703,395,150	3	0.33	0.43	69	7.56	9.81
Pontotoc	37,799	401,583,950				32	4.23	7.97
Pottawatomie	70,280	792,586,550	4	0.28	0.50	112	7.97	14.13
Pushmataha	11,478	155,960,850	1	0.44	0.64	30	13.07	19.24
Roger Mills	3,702	89,706,050	1	1.35	1.11	15	20.26	16.72
Rogers	87,706	1,040,490,900	7	0.40	0.67	154	8.78	14.80
Seminole	25,292	386,794,150	2	0.40	0.52	36	7.12	9.31
Sequoyah	42,341	559,625,300	2	0.24	0.36	52	6.14	9.29
Stephens	45,197	413,979,350	2	0.22	0.48	29	3.21	7.01
Texas	21,312	314,918,350	1	0.23	0.32	27	6.33	8.57
Tillman	8,061	81,639,550				9	5.58	11.02
Tulsa	610,599	7,427,359,450	24	0.20	0.32	2024	16.57	27.25
Wagoner	74,098	726,561,700	4	0.27	0.55	84	5.67	11.56
Washington	51,476	445,478,850	2	0.19	0.45	51	4.95	11.45
Washita	11,574	215,981,450	1	0.43	0.46	25	10.80	11.58
Woods	8,775	106,915,800	1	0.57	0.94	13	7.41	12.16
Woodward	20,034	280,549,950	1	0.25	0.36	21	5.24	7.49
Statewide	3,791,508	47,463,592,600	177	0.23	0.37	5930	7.82	12.49

Injury severity includes incapacitating, non-incapacitating and possible.  
 Population Source: Oklahoma Department of Commerce.  
 Vehicle Miles Traveled Source: Oklahoma Department of Transportation.

Fatalities & Injuries in Unsafe Speed Crashes (2011)								
Cities 5,000+ Population								
Rates by Population and Vehicle Miles Traveled								
City	Population	Vehicle Miles Traveled	Fatalities			injured		
			Number of Fatalities	Rate per 5,000 Population	Rate per 100 Million VMT	Number of Injured	Rate per 5,000 Population	Rate per 100 Million VMT
Ada	16,942	127,322,950				6	1.77	4.71
Altus	19,814	115,273,205				4	1.01	3.47
Anadarko	6,747	35,031,605	2	1.48	5.71	33	24.46	94.20
Ardmore	24,553	264,943,645						
Bartlesville	36,099	210,792,245	1	0.14	0.47	24	3.32	11.39
Bethany	19,406	139,400,435				4	1.03	2.87
Bixby	21,137	115,151,660				46	10.88	39.95
Blackwell	7,031	33,548,975				3	2.13	8.94
Blanchard	7,800	52,825,355				2	1.28	3.79
Broken Arrow	100,073	744,414,945	1	0.05	0.13	56	2.80	7.52
Catoosa	7,226	53,274,305				6	4.15	11.26
Chickasha	16,210	128,745,720				12	3.70	9.32
Choctaw	11,364	84,386,540				5	2.20	5.93
Claremore	18,745	121,667,275				13	3.47	10.68
Clinton	9,127	71,871,055				6	3.29	8.35
Collinsville	5,672	17,871,860				5	4.41	27.98
Coweta	9,505	64,524,700				4	2.10	6.20
Cushing	7,890	37,515,065				4	2.53	10.66
Del City	21,746	226,423,735				11	2.53	4.86
Duncan	23,507	173,182,280				3	0.64	1.73
Durant	16,097	158,447,230				17	5.28	10.73
Edmond	82,963	742,254,145	1	0.06	0.13	28	1.69	3.77
El Reno	17,268	79,022,135				17	4.92	21.51
Elk City	11,789	249,524,220	1	0.42	0.40	15	6.36	6.01
Enid	49,451	373,582,975	1	0.10	0.27	23	2.33	6.16
Glenpool	10,938	91,429,215				5	2.29	5.47
Grove	6,647	46,015,185				6	4.51	13.04
Guthrie	10,345	64,430,530	1	0.48	1.55	4	1.93	6.21
Guymon	11,823	47,157,270				2	0.85	4.24
Harrah	5,193	56,157,075				2	1.93	3.56
Henryetta	5,907	34,979,775				3	2.54	8.58
Holdenville	5,714	18,175,905	1	0.88	5.50	1	0.88	5.50
Hugo	5,326	26,140,935						
Idabel	7,018	67,892,555				6	4.27	8.84
Jenks	17,130	184,818,480				27	7.88	14.61
Lawton	98,177	681,938,625	1	0.05	0.15	58	2.95	8.51
Lone Grove	5,111	44,069,005				1	0.98	2.27
McAlester	18,306	113,611,725				8	2.19	7.04
Miami	13,577	76,997,845				6	2.21	7.79
Midwest City	55,427	404,616,735				21	1.89	5.19
Moore	56,315	449,683,650				35	3.11	7.78

Fatalities & Injuries in Unsafe Speed Crashes (2011)								
Cities 5,000+ Population								
Rates by Population and Vehicle Miles Traveled								
City	Population	Vehicle Miles Traveled	Fatalities			injured		
			Number of Fatalities	Rate per 5,000 Population	Rate per 100 Million VMT	Number of Injured	Rate per 5,000 Population	Rate per 100 Million VMT
Muskogee	39,231	393,981,365	1	0.13	0.25	20	2.55	5.08
Mustang	18,002	105,965,340						
Newcastle	7,847	180,965,175	2	1.27	1.11	26	16.57	14.37
Noble	6,624	29,422,285				1	0.75	3.40
Norman	113,273	1,090,765,270				53	2.34	4.86
Oklahoma City	591,967	9,145,140,700	30	0.25	0.33	700	5.91	7.65
Okmulgee	12,283	75,208,980				3	1.22	3.99
Owasso	29,854	144,949,530				13	2.18	8.97
Pauls Valley	6,160	76,929,590				3	2.44	3.90
Perry	5,133	30,310,330						
Piedmont	5,921	22,428,155				1	0.84	4.46
Ponca City	25,168	162,441,425				4	0.79	2.46
Poteau	8,556	93,808,650				11	6.43	11.73
Pryor	9,565	53,859,035				12	6.27	22.28
Purcell	6,006	127,607,650				10	8.33	7.84
Sallisaw	8,874	83,485,720				1	0.56	1.20
Sand Springs	19,140	129,280,810				23	6.01	17.79
Sapulpa	20,691	207,925,170				11	2.66	5.29
Seminole	7,434	70,450,110				4	2.69	5.68
Shawnee	30,212	253,866,990				20	3.31	7.88
Skiatook	7,389	38,001,610				5	3.38	13.16
Stillwater	46,048	271,968,070	2	0.22	0.74	14	1.52	5.15
Tahlequah	16,021	131,218,960				6	1.87	4.57
Tecumseh	6,537	53,711,210				1	0.76	1.86
The Village	9,103	62,247,830						
Tulsa	396,466	5,308,557,080	17	0.21	0.32	1758	22.17	33.12
Tuttle	6,087	50,672,220	1	0.82	1.97	4	3.29	7.89
Vinita	5,761	31,634,915				1	0.87	3.16
Wagoner	8,436	46,730,220				8	4.74	17.12
Warr Acres	10,238	81,464,715				2	0.98	2.46
Weatherford	10,939	51,354,040				12	5.48	23.37
Woodward	11,944	89,817,010				6	2.51	6.68
Yukon	23,491	149,744,535				5	1.06	3.34
<b>Total</b>	<b>2,431,517</b>	<b>25,675,027,465</b>	<b>63</b>	<b>0.13</b>	<b>0.25</b>	<b>3270</b>	<b>6.72</b>	<b>12.74</b>

Injury severity includes incapacitating, non-incapacitating and possible.  
 Population Source: Oklahoma Department of Commerce.  
 Vehicle Miles Traveled Source: Oklahoma Department of Transportation.