

UNSAFE SPEED CRASHES IN 2010

Highway Safety Fact Sheet

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Department of Public Safety
Highway Safety Office

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▶ Unsafe speed fatal crashes decreased 21.6% from 2009 to 2010.

▶ Fatalities in unsafe speed crashes decreased 23.5% from 213 in 2009 to 163 in 2010.



Unsafe Speed Fatal Crashes & Fatalities Five-Year Trend					
	2006	2007	2008	2009	2010
Unsafe Speed Fatal Crashes	186	192	204	194	152
Total Fatal Crashes	668	653	673	646	616
Unsafe Speed Fatal Crashes as Percentage of Total Fatal Crashes	27.8%	29.4%	30.3%	30.0%	24.7%
Fatalities Occurring in Unsafe Speed Crashes	203	220	223	213	163
Total Fatalities	765	770	751	737	668
Unsafe Speed Fatalities as Percentage of Total Fatalities	26.5%	28.6%	30.0%	29.9%	24.4%

CRASHES

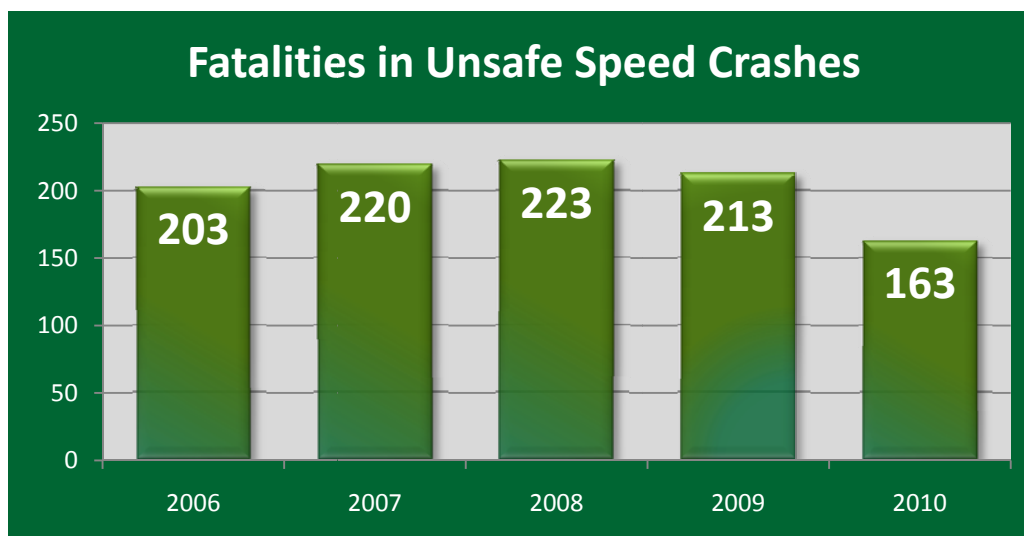
In 2010, Oklahoma reported 9,230 unsafe speed crashes. These crashes accounted for 13.2% of the total crashes.

- ▶ The 152 unsafe speed fatal crashes accounted for 24.7% of the total fatal crashes in 2010.
- ▶ Fatal unsafe speed crashes decreased 21.6% from 194 in 2009 to 152 in 2010.
- ▶ 2010 reported the lowest number of fatal unsafe speed crashes since 2006.

FATALITIES & INJURIES

In 2010, there were 163 fatalities and 6,176 persons injured in unsafe speed crashes. Of the 163 fatalities, 128 were drivers, 30 were passengers, four were pedestrians and one was an occupant of a parked vehicle.

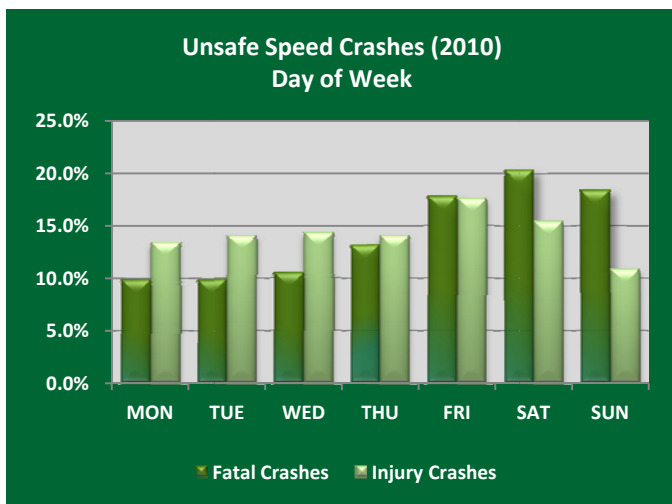
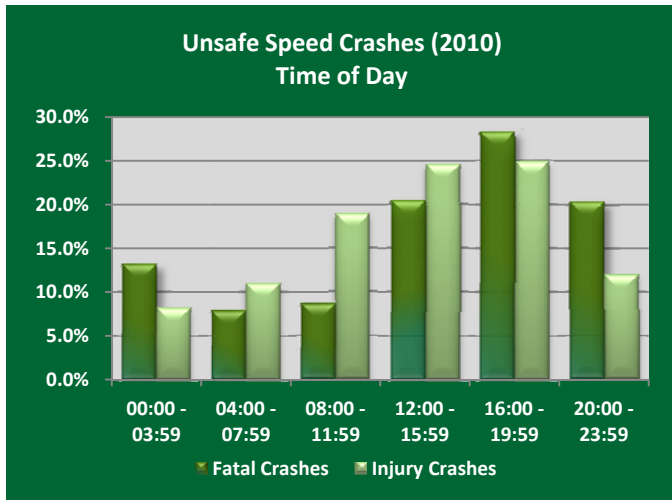
Unsafe speed fatalities decreased 23.5% from 213 in 2009 to 163 in 2010.



TIME OF DAY & DAY OF WEEK

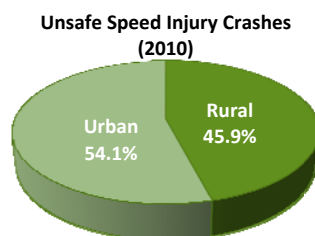
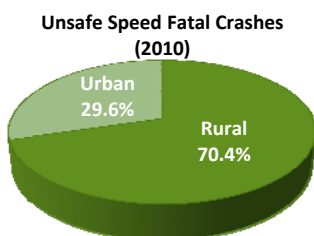
Fatal and injury unsafe speed crashes occurred most often between 4:00 p.m. (16:00) and 7:59 p.m. (19:59).

Fatal unsafe speed crashes occurred most often on Saturday, and injury unsafe speed crashes occurred most often on Friday.



RURAL VS. URBAN

Some 70.4% of the unsafe speed fatal crashes occurred in rural areas. However, 54.1% unsafe speed injury crashes occurred in urban areas.



	Count	% of Total
Fatalities	Passenger Vehicle	72 44.2%
	Pickup Truck	36 22.1%
	Large Truck	9 5.5%
	Motorcycle	34 20.9%
	ATV/Motor Scooter/Moped	6 3.7%
	Other	2 1.2%
	Non-Motorist	4 2.5%
	Total	163 100.0%
Incapacitating Injuries	Passenger Vehicle	417 54.3%
	Pickup Truck	157 20.4%
	Large Truck	22 2.9%
	Motorcycle	137 17.8%
	ATV/Motor Scooter/Moped	15 2.0%
	Other	10 1.3%
	Non-Motorist	10 1.3%
	Total	768 100.0%
Non-incapacitating Injuries	Passenger Vehicle	1520 63.9%
	Pickup Truck	562 23.6%
	Large Truck	60 2.5%
	Motorcycle	177 7.4%
	ATV/Motor Scooter/Moped	18 0.8%
	Other	28 1.2%
	Non-Motorist	13 0.5%
	Total	2378 100.0%
Possible Injuries	Passenger Vehicle	2309 76.2%
	Pickup Truck	548 18.1%
	Large Truck	56 1.8%
	Motorcycle	52 1.7%
	ATV/Motor Scooter/Moped	14 0.5%
	Other	43 1.4%
	Non-Motorist	8 0.3%
	Total	3030 100.0%

RESTRAINT USE BY FATALITIES

Restraint use was known for 103 occupant fatalities in passenger vehicles/pickup trucks in unsafe speed crashes in 2010. Of the 103 fatalities, 70.0% were unrestrained.

Comparison of occupant fatalities in passenger vehicles and pickup trucks shows that 85.7% of the pickup truck occupants were unrestrained compared to 61.8% of passenger vehicle occupants.

DRIVER AGE

Drivers in 2010 crashes with a contributing factor of unsafe speed accounted for 7.4% of the total 126,662 drivers involved in crashes. Of the 9,220 drivers in unsafe speed non-fatal crashes, 40.8% were age 16-25, 20.0% were age 26-35 and 12.0% were age 36-45. Of the 153 drivers in unsafe speed fatal crashes, 25.5% were age 16-25, 20.9% were age 46-55 and 17.0% were age 26-35.

DRIVER SEX

Of the 153 drivers in fatal crashes driving at an unsafe speed, 73.9% were male. Of the 9,220 drivers in non-fatal crashes driving at an unsafe speed, 58.2% were male.

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

Fatalities in Unsafe Speed Crashes In Passenger Vehicles/Pickup Trucks By Person Type, Vehicle Type & Person Restraint Use				
Person Type	Vehicle Type	Restraint Use		Total
		Not In Use	In Use	
Driver Fatalities	Passenger Vehicle	27	19	46
	Pickup Truck	29	3	32
	Total	56	22	78
Passenger Fatalities	Passenger Vehicle	14	7	21
	Pickup Truck	1	2	3
	Total	15	9	24
Parked Vehicle Fatalities	Passenger Vehicle	1		1
	Pickup Truck			0
	Total	1		1
Total Fatalities	Passenger Vehicle	42	26	68
	Pickup Truck	30	5	35
	Total	72	31	103

Driver Contributing Factor of Unsafe Speed (2010) By Driver Age & Crash Injury Severity						
Driver Age	Crash Injury Severity				Total	
	Fatal		Non-Fatal		Number of Drivers	% of Total Drivers
	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers		
Unknown	3	2.0%	619	6.7%	622	6.6%
Under 16	1	0.7%	85	0.9%	86	0.9%
16 - 25	39	25.5%	3765	40.8%	3804	40.6%
26 - 35	26	17.0%	1846	20.0%	1872	20.0%
36 - 45	25	16.3%	1108	12.0%	1133	12.1%
46 - 55	32	20.9%	928	10.1%	960	10.2%
56 - 65	18	11.8%	510	5.5%	528	5.6%
66 - 75	7	4.6%	224	2.4%	231	2.5%
76+	2	1.3%	135	1.5%	137	1.5%
Total	153	100.0%	9220	100.0%	9373	100.0%

Excludes unknown crash injury severity.

Driver Contributing Factor of Unsafe Speed (2010) By Driver Sex & Crash Injury Severity						
Driver Sex	Crash Injury Severity				Total	
	Fatal		Non-Fatal		Number of Drivers	% of Total Drivers
	Number of Drivers	% of Total Drivers	Number of Drivers	% of Total Drivers		
Unknown	3	2.0%	445	4.8%	448	4.8%
Female	37	24.2%	3407	37.0%	3444	36.7%
Male	113	73.9%	5368	58.2%	5481	58.5%
Total	153	100.0%	9220	100.0%	9373	100.0%

Excludes unknown crash injury severity.

DRIVER CONTRIBUTING FACTOR

In 2010, 7.4% of the drivers in crashes were driving at an unsafe speed. Of the drivers with a contributing factor of unsafe speed in fatal crashes, 34.0% were exceeding the legal limit, 25.5% were driving at an unsafe speed on a curve/turn and another 11.1% were driving at an unsafe speed for the type of roadway.

Of the drivers with a contributing factor of unsafe speed in non-fatal crashes, 28.4% were driving at an unsafe speed for traffic conditions, 19.5% were driving at an unsafe speed on a wet roadway and 13.1% were driving at an unsafe speed on an icy or snowy roadway.

Driver Contributing Factor of Unsafe Speed in 2010 Crashes						
	Drivers in Fatal Crashes		Drivers in Non-Fatal Crashes		Total	
	Number	% of Total	Number	% of Total	Number	% of Total
Unsafe Speed - Driver's Ability (Age)	2	1.3%	110	1.2%	112	1.2%
Unsafe Speed - Inexperienced Driver (Young)	2	1.3%	247	2.7%	249	2.7%
Unsafe Speed - Exceeding Legal Limit	52	34.0%	761	8.3%	813	8.7%
Unsafe Speed - For Traffic Conditions	10	6.5%	2614	28.4%	2624	28.0%
Unsafe Speed - For Type of Roadway	17	11.1%	576	6.2%	593	6.3%
Unsafe Speed - For Ice or Snow on Roadway	4	2.6%	1204	13.1%	1208	12.9%
Unsafe Speed - Rain or Wet Roadway	12	7.8%	1795	19.5%	1807	19.3%
Unsafe Speed - Wind			30	0.3%	30	0.3%
Unsafe Speed - Other Weather Conditions	1	0.7%	106	1.1%	107	1.1%
Unsafe Speed - Vehicle Condition	1	0.7%	85	0.9%	86	0.9%
Unsafe Speed - View Obstruction	3	2.0%	67	0.7%	70	0.7%
Unsafe Speed - On Curve/Turn	39	25.5%	990	10.7%	1029	11.0%
Unsafe Speed - Impeding Traffic	1	0.7%	120	1.3%	121	1.3%
Unsafe Speed - Other	9	5.9%	515	5.6%	524	5.6%
Total	153	100.0%	9220	100.0%	9373	100.0%

Excludes drivers in crashes where the crash injury severity is unknown.

ALCOHOL-RELATED DRIVER CONDITION

Of the 9,373 drivers driving at an unsafe speed, 4.9% had an alcohol-related driver condition. Of the 457 drivers with an alcohol-related driver condition, 14.4% were in fatal crashes. Of the drivers in fatal crashes, 25.8% were age 46-55, 24.2% were age 26-35 and 19.7% were age 16-25.

Of the 391 drivers in non-fatal crashes with an alcohol-related driver condition and driving at an unsafe speed, 40.9% were age 16-25, 26.1% were age 26-35 and 15.6% were age 36-45.

Drivers Driving at an Unsafe Speed (2010) Alcohol-Related Driver Condition						
Driver Age	Fatal Crashes		Non-Fatal Crashes		Total	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown			3	0.8%	3	0.7%
Under 16			1	0.3%	1	0.2%
16 - 25	13	19.7%	160	40.9%	173	37.9%
26 - 35	16	24.2%	102	26.1%	118	25.8%
36 - 45	12	18.2%	61	15.6%	73	16.0%
46 - 55	17	25.8%	47	12.0%	64	14.0%
56 - 65	6	9.1%	12	3.1%	18	3.9%
66 - 75	2	3.0%	3	0.8%	5	1.1%
76+			2	0.5%	2	0.4%
Total	66	100.0%	391	100.0%	457	100.0%

Fatalities & Injuries in Unsafe Speed Crashes (2010) 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	22,683	150,732,816	2	0.44	1.33	53	11.68	35.16
Alfalfa	5,642	64,312,109				6	5.32	9.33
Atoka	14,182	368,198,360				41	14.45	11.14
Beaver	5,636	157,422,770	1	0.89	0.64	3	2.66	1.91
Beckham	22,119	399,763,972	1	0.23	0.25	34	7.69	8.51
Blaine	11,943	142,188,009	2	0.84	1.41	28	11.72	19.69
Bryan	42,416	573,461,187	3	0.35	0.52	74	8.72	12.90
Caddo	29,600	429,447,765	1	0.17	0.23	65	10.98	15.14
Canadian	115,541	1,490,912,368	1	0.04	0.07	87	3.76	5.84
Carter	47,557	685,140,237	4	0.42	0.58	56	5.89	8.17
Cherokee	46,987	392,337,014	1	0.11	0.25	101	10.75	25.74
Choctaw	15,205	215,478,798				10	3.29	4.64
Cimarron	2,475	77,928,493	2	4.04	2.57	6	12.12	7.70
Cleveland	255,755	2,371,431,984	2	0.04	0.08	192	3.75	8.10
Coal	5,925	95,890,548	1	0.84	1.04	11	9.28	11.47
Comanche	124,098	1,090,561,527	2	0.08	0.18	126	5.08	11.55
Cotton	6,193	135,800,356	1	0.81	0.74	17	13.73	12.52
Craig	15,029	323,703,265				22	7.32	6.80
Creek	69,967	970,290,008	3	0.21	0.31	99	7.07	10.20
Custer	27,469	439,079,995	3	0.55	0.68	33	6.01	7.52
Delaware	41,487	400,804,423	7	0.84	1.75	96	11.57	23.95
Dewey	4,810	103,653,627				7	7.28	6.75
Ellis	4,151	87,911,860	2	2.41	2.28	11	13.25	12.51
Garfield	60,580	571,039,007				54	4.46	9.46
Garvin	27,576	549,840,924	2	0.36	0.36	57	10.34	10.37
Grady	52,431	642,152,143	4	0.38	0.62	63	6.01	9.81
Grant	4,527	83,645,641				4	4.42	4.78
Greer	6,239	53,258,077				6	4.81	11.27
Harmon	2,922	26,744,671	1	1.71	3.74	7	11.98	26.17
Harper	3,685	80,280,232				4	5.43	4.98
Haskell	12,769	130,694,046				35	13.71	26.78
Hughes	14,003	146,161,914	2	0.71	1.37	25	8.93	17.10
Jackson	26,446	252,293,464	1	0.19	0.40	34	6.43	13.48
Jefferson	6,472	74,763,410	1	0.77	1.34	3	2.32	4.01
Johnston	10,957	119,177,424	1	0.46	0.84	15	6.84	12.59
Kay	46,562	582,915,793				33	3.54	5.66
Kingfisher	15,034	179,071,099				16	5.32	8.93
Kiowa	9,446	122,849,514	1	0.53	0.81	22	11.65	17.91
Latimer	11,154	133,991,701	1	0.45	0.75	31	13.90	23.14
LeFlore	50,384	576,864,947	3	0.30	0.52	86	8.53	14.91
Lincoln	34,273	542,206,296	5	0.73	0.92	91	13.28	16.78

Fatalities & Injuries in Unsafe Speed Crashes (2010) 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
Logan	41,848	452,272,037				37	4.42	8.18
Love	9,423	321,763,867	1	0.53	0.31	29	15.39	9.01
McClain	34,506	730,650,945	1	0.14	0.14	90	13.04	12.32
McCurtain	33,151	420,188,679	1	0.15	0.24	70	10.56	16.66
McIntosh	20,252	446,865,865	2	0.49	0.45	37	9.13	8.28
Major	7,527	152,633,255	1	0.66	0.66	22	14.61	14.41
Marshall	15,840	155,792,289				14	4.42	8.99
Mayes	41,259	622,166,575	7	0.85	1.13	108	13.09	17.36
Murray	13,488	242,270,046				27	10.01	11.14
Muskogee	70,990	898,232,927	2	0.14	0.22	57	4.01	6.35
Noble	11,561	364,915,616	1	0.43	0.27	13	5.62	3.56
Nowata	10,536	118,835,835				22	10.44	18.51
Okfuskee	12,191	201,450,172				30	12.30	14.89
Oklahoma	718,633	9,967,207,161	25	0.17	0.25	926	6.44	9.29
Okmulgee	40,069	490,330,645	3	0.37	0.61	64	7.99	13.05
Osage	47,472	362,619,196	7	0.74	1.93	62	6.53	17.10
Ottawa	31,848	566,117,449	1	0.16	0.18	31	4.87	5.48
Pawnee	16,577	238,247,560	1	0.30	0.42	29	8.75	12.17
Payne	77,350	725,126,469				88	5.69	12.14
Pittsburg	45,837	713,032,136				85	9.27	11.92
Pontotoc	37,492	413,660,457	2	0.27	0.48	29	3.87	7.01
Pottawatomie	69,442	791,714,160	8	0.58	1.01	103	7.42	13.01
Pushmataha	11,572	163,452,880	4	1.73	2.45	20	8.64	12.24
Roger Mills	3,647	74,003,429	2	2.74	2.70	10	13.71	13.51
Rogers	86,905	1,075,843,592	6	0.35	0.56	223	12.83	20.73
Seminole	25,482	383,618,632	3	0.59	0.78	44	8.63	11.47
Sequoyah	42,391	581,235,497	5	0.59	0.86	52	6.13	8.95
Stephens	45,048	412,347,866	2	0.22	0.49	34	3.77	8.25
Texas	20,640	302,532,002	1	0.24	0.33	13	3.15	4.30
Tillman	7,992	85,698,635	1	0.63	1.17	12	7.51	14.00
Tulsa	603,403	7,463,193,456	11	0.09	0.15	1846	15.30	24.73
Wagoner	73,085	727,910,652	3	0.21	0.41	66	4.52	9.07
Washington	50,976	445,191,854	1	0.10	0.22	49	4.81	11.01
Washita	11,629	219,693,920				40	17.20	18.21
Woods	8,878	105,156,047				11	6.20	10.46
Woodward	20,081	275,517,242				19	4.73	6.90
Statewide	3,751,351	47,745,890,839	163	0.22	0.34	6176	8.23	12.94

*Population Source: Oklahoma Department of Commerce.
**Vehicle Miles Traveled Source: Oklahoma Department of Transportation.