

School Bus Crashes (2011)



Oklahoma
Department of Public
Safety
Highway Safety Office

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In 2011, there were no school bus occupant fatalities.

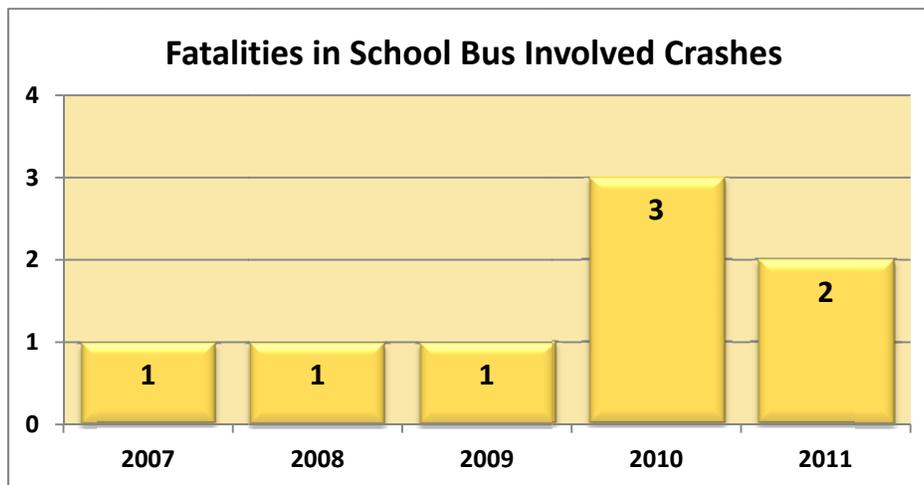
85.5% of school bus crashes involved the school bus and one other vehicle.

School Bus Involved Fatal Crashes & Fatalities Five-Year Trend					
	2007	2008	2009	2010	2011
School Bus Fatal Crashes	1	1	1	3	2
Total Fatal Crashes	653	673	646	616	609
School Bus Fatal Crashes as Percentage of Total Fatal Crashes	.15%	0.15%	.15%	.49%	.33%
Fatalities Occurring in School Bus Crashes	1	1	1	3	2
Total Fatalities	770	751	737	668	696
School Bus Fatalities as Percentage of Total Fatalities	0.13%	0.13%	0.14%	.45%	.29%
Fatalities occurred in other vehicles involved in crashes with school buses.					

Crashes, Injuries & Fatalities

In 2011, 186 crashes involving a school bus were reported in Oklahoma – less than one percent of the total 68,967 crashes. There were two fatal crashes and 54 injury crashes. These crashes resulted in two fatalities and 145 persons injured.

- One fatality in 2011 was an occupant of an SUV and the other was an occupant of a passenger vehicle.
- Of the 145 persons injured, 93 were occupants of school buses.
- Fatalities in school bus involved crashes decreased from three in 2010 to two in 2011.
- School bus involved crashes increased 3.3% from 180 in 2010 to 186 in 2011.
- There were 145 persons injured in school bus involved crashes in 2011 – an increase of 79.0% from the 81 persons injured in 2010.
- There were 93 occupants of a school bus injured in crashes in 2011 – almost three times the number of school bus occupants (32) injured in 2010.



Other Facts

- 85.5% of school bus involved crashes involved the school bus and one other vehicle.
- 33.9% of school bus involved crashes occurred in business localities.
- 54.8% of school bus involved crashes occurred on city streets.
- 75.8% of school bus involved crashes occurred in urban areas.
- 32.8% of school bus involved crashes occurred between 12:00 Noon and 3:59 p.m.
- 24.7% of school bus involved crashes occurred on Monday.

Driver Age & Sex

Of the 191 school bus drivers in 2011 crashes, 22.2% were age 45-54, 22.2% were age 55-64 and 18.3% were age 65-74. Of the 176 drivers of other vehicles, 22.2% were age 16-24, 17.0% were age 25-34 and 17.0% were age 45-54. Of the 191 school bus drivers in crashes, 58.6% were male. Of the 176 drivers of other vehicles, 49.4% were male.

Drivers in School Bus Involved Crashes (2011)				
Driver Age & Vehicle Type				
Driver Age	School Bus Drivers		Other Vehicle Drivers	
	Number	% of Total	Number	% of Total
Unknown	6	3.1%	7	4.0%
16 - 24	8	4.2%	39	22.2%
25 - 34	18	9.4%	30	17.0%
35 - 44	30	15.7%	29	16.5%
45 - 54	42	22.0%	30	17.0%
55 - 64	42	22.0%	24	13.6%
65 - 74	35	18.3%	9	5.1%
75+	10	5.2%	8	4.5%
Total	191	100.0%	176	100.0%

Driver Contributing Factors

The three primary contributing factors by school bus drivers involved in crashes were: (1) Other Improper Act/Movement (13.1%), (2) Failed to Yield (7.9%) and (3) Improper Turn (7.9%).

The three primary contributing factors by drivers in other vehicles were: (1) Failed to Yield (14.2%), (2) Other Improper Act/Movement (10.2%), and (3) Failed to Stop (6.8%) and (3) Followed Too Closely (6.8%).

Other Improper Act/Movement includes: failed to signal, disregarded warning signal, improper use of lane, improper backing, apparently sleepy, failed to secure load and other/unknown.

Drivers in School Bus Involved Crashes (2011)						
Driver Contributing Factor						
Driver Contributing Factor	Drivers				All Drivers	
	School Bus		Other Vehicle			
	Number	% of Total	Number	% of Total	Number	% of Total
Changed Lanes Unsafely	5	2.6%	3	1.7%	8	2.2%
Failed To Stop			12	6.8%	12	3.3%
Failed To Yield	15	7.9%	25	14.2%	40	10.9%
Followed Too Closely	5	2.6%	12	6.8%	17	4.6%
Improper Overtaking	3	1.6%	2	1.1%	5	1.4%
Improper Parking			4	2.3%	4	1.1%
Improper Start	2	1.0%	1	0.6%	3	0.8%
Improper Turn	15	7.9%	5	2.8%	20	5.4%
Inattention	11	5.8%	9	5.1%	20	5.4%
Left of Center	1	0.5%	4	2.3%	5	1.4%
Unknown/No Improper Action			2	1.1%	2	0.5%
Other Action - No Improper Action by Driver	100	52.4%	68	38.6%	168	45.8%
Other Improper Act/Movement	25	13.1%	18	10.2%	43	11.7%
Stopped in Traffic Lane	1	0.5%			1	0.3%
Unsafe Speed	7	3.7%	9	5.1%	16	4.4%
Unsafe Vehicle	1	0.5%	2	1.1%	3	0.8%
Wrong Way						
DUI-Alcohol						
DUI-Drugs						
Total	191	100.0%	176	100.0%	367	100.0%

Fatalities & Injuries in School Bus Involved Crashes (2011)								
By County								
Rates by Population & Vehicle Miles Traveled (VMT)								
County	Estimated Population	Vehicles Miles Traveled	Fatalities	Rate Per 100,000 Population	Rate per 100 Million VMT	Persons Injured	Rate Per 5,000 Population	Rate per 100 Million VMT
Adair	22,612	148,241,100				3	0.66	2.02
Alfalfa	5,662	93,188,150						
Atoka	14,206	362,065,400						
Beaver	5,624	152,989,750						
Beckham	22,288	405,274,100						
Blaine	9,780	142,247,800						
Bryan	43,089	567,042,100						
Caddo	29,537	424,356,300						
Canadian	119,492	1,533,127,750				1	0.04	0.07
Carter	48,096	675,972,700						
Cherokee	47,845	390,181,350				1	0.10	0.26
Choctaw	15,250	214,963,100						
Cimarron	2,487	81,219,800						
Cleveland	261,281	2,369,558,100				2	0.04	0.08
Coal	5,928	86,286,000						
Comanche	125,815	1,076,023,650				3	0.12	0.28
Cotton	6,179	130,721,100						
Craig	15,073	306,676,650						
Creek	70,467	929,100,200						
Custer	27,750	447,782,000						
Delaware	41,633	387,739,500				4	0.48	1.03
Dewey	4,867	102,448,200						
Ellis	4,051	89,370,250						
Garfield	60,670	564,187,800						
Garvin	27,452	561,640,100				4	0.73	0.71
Grady	53,020	637,457,900						
Grant	4,585	82,157,850						
Greer	6,125	51,757,000						
Harmon	2,919	25,447,800						
Harper	3,695	80,358,400						
Haskell	12,810	129,443,600				11	4.29	8.50
Hughes	13,843	143,302,650						
Jackson	26,447	243,582,750						
Jefferson	6,506	72,631,350						
Johnston	11,139	116,938,700						
Kay	46,159	588,201,150						
Kingfisher	15,213	181,543,700						
Kiowa	9,416	120,690,900						
Latimer	11,155	114,931,200						
LeFlore	50,628	569,473,000				8	0.79	1.40
Lincoln	34,155	539,758,350				1	0.15	0.19
Logan	42,499	455,187,850				4	0.47	0.88
Love	9,386	333,927,550						
McClain	35,235	729,317,450						
McCurtain	33,195	416,019,700						

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McIntosh	20,360	438,854,100						
Major	7,657	151,562,600						
Marshall	16,049	156,293,000						
Mayes	41,389	604,607,900						
Murray	13,571	244,608,400	1	0.37	0.41	3	1.11	1.23
Muskogee	71,003	906,378,950				5	0.35	0.55
Noble	11,578	363,642,200						
Nowata	10,629	117,435,100						
Okfuskee	12,348	193,479,200				1	0.40	0.52
Oklahoma	732,371	9,924,470,450				23	0.16	0.23
Okmulgee	39,937	488,234,950						
Osage	47,425	361,350,000						
Ottawa	31,860	541,185,500				1	0.16	0.18
Pawnee	16,730	228,949,900				2	0.60	0.87
Payne	77,988	724,481,200				1	0.06	0.14
Pittsburg	45,625	703,395,150	1	0.11	0.14	27	2.96	3.84
Pontotoc	37,799	401,583,950				4	0.53	1.00
Pottawatomie	70,280	792,586,550						
Pushmataha	11,478	155,960,850						
Roger Mills	3,702	89,706,050						
Rogers	87,706	1,040,490,900						
Seminole	25,292	386,794,150						
Sequoyah	42,341	559,625,300						
Stephens	45,197	413,979,350						
Texas	21,312	314,918,350				4	0.94	1.27
Tillman	8,061	81,639,550						
Tulsa	610,599	7,427,359,450				27	0.22	0.36
Wagoner	74,098	726,561,700						
Washington	51,476	445,478,850				2	0.19	0.45
Washita	11,574	215,981,450						
Woods	8,775	106,915,800						
Woodward	20,034	280,549,950				3	0.75	1.07
Statewide	3,791,508	47,463,592,600	2	0.00	0.00	145	0.19	0.31
Injuries include incapacitating, non-incapacitating and possible. Population Source: Oklahoma Department of Commerce. Vehicle Miles Traveled Source: Oklahoma Department of Transportation.								

Fatalities & Injuries in School Bus Involved Crashes (2011)								
by Cities of 5,000+ Population								
Rates by Population & Vehicle Miles Traveled (VMT)								
City	Estimated Population	Vehicles Miles Traveled	Fatalities	Rate Per 100,000 Population	Rate per 100 Million VMT	Persons Injured	Rate Per 5,000 Population	Rate per 100 Million VMT
Ada	16,942	127,322,950						
Altus	19,814	115,273,205						
Anadarko	6,747	35,031,605						
Ardmore	24,553	264,943,645				2	0.41	0.75
Bartlesville	36,099	210,792,245						
Bethany	19,406	139,400,435				5	1.29	3.59
Bixby	21,137	115,151,660						
Blackwell	7,031	33,548,975						
Blanchard	7,800	52,825,355				5	3.21	9.47
Broken Arrow	100,073	744,414,945						
Catoosa	7,226	53,274,305						
Chickasha	16,210	128,745,720						
Choctaw	11,364	84,386,540						
Claremore	18,745	121,667,275						
Clinton	9,127	71,871,055						
Collinsville	5,672	17,871,860						
Coweta	9,505	64,524,700						
Cushing	7,890	37,515,065						
Del City	21,746	226,423,735						
Duncan	23,507	173,182,280						
Durant	16,097	158,447,230				1	0.31	0.63
Edmond	82,963	742,254,145						
El Reno	17,268	79,022,135						
Elk City	11,789	249,524,220						
Enid	49,451	373,582,975				1	0.10	0.27
Glenpool	10,938	91,429,215				4	1.83	4.37
Grove	6,647	46,015,185				3	2.26	6.52
Guthrie	10,345	64,430,530						
Guymon	11,823	47,157,270						
Harrah	5,193	56,157,075						
Henryetta	5,907	34,979,775						
Holdenville	5,714	18,175,905						
Hugo	5,326	26,140,935						
Idabel	7,018	67,892,555						
Jenks	17,130	184,818,480				3	0.88	1.62
Lawton	98,177	681,938,625						
Lone Grove	5,111	44,069,005				27	26.41	61.27
McAlester	18,306	113,611,725	1	0.27	0.88	1	0.27	0.88
Miami	13,577	76,997,845				1	0.37	1.30
Midwest City	55,427	404,616,735				1	0.09	0.25
Moore	56,315	449,683,650				1	0.09	0.22
Muskogee	39,231	393,981,365						
Mustang	18,002	105,965,340						
Newcastle	7,847	180,965,175						
Noble	6,624	29,422,285				1	0.75	3.40

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City	Estimated Population	Vehicles Miles Traveled	Fatalities	Rate Per 100,000 Population	Rate per 100 Million VMT	Persons Injured	Rate Per 5,000 Population	Rate per 100 Million VMT
Norman	113,273	1,090,765,270				20	0.88	1.83
Oklahoma City	591,967	9,145,140,700						
Okmulgee	12,283	75,208,980						
Owasso	29,854	144,949,530				1	0.17	0.69
Pauls Valley	6,160	76,929,590						
Perry	5,133	30,310,330						
Piedmont	5,921	22,428,155						
Ponca City	25,168	162,441,425						
Poteau	8,556	93,808,650						
Pryor	9,565	53,859,035						
Purcell	6,006	127,607,650						
Sallisaw	8,874	83,485,720				1	0.56	1.20
Sand Springs	19,140	129,280,810						
Sapulpa	20,691	207,925,170						
Seminole	7,434	70,450,110						
Shawnee	30,212	253,866,990						
Skiatook	7,389	38,001,610				1	0.68	2.63
Stillwater	46,048	271,968,070				1	0.11	0.37
Tahlequah	16,021	131,218,960						
Tecumseh	6,537	53,711,210						
The Village	9,103	62,247,830				15	8.24	24.10
Tulsa	396,466	5,308,557,080						
Tuttle	6,087	50,672,220						
Vinita	5,761	31,634,915						
Wagoner	8,436	46,730,220				1	0.59	2.14
Warr Acres	10,238	81,464,715						
Weatherford	10,939	51,354,040				3	1.37	5.84
Woodward	11,944	89,817,010				1	0.42	1.11
Yukon	23,491	149,744,535						
Total	2,431,517	25,675,027,465	1	0.00	0.00	100	0.21	0.39
Injuries include incapacitating, non-incapacitating and possible. Population Source: Oklahoma Department of Commerce. Vehicle Miles Traveled Source: Oklahoma Department of Transportation.								