

Teen Drivers Age 16-19 in Crashes

On May 17, 1999, Oklahoma became the 33rd state in the nation to pass a Graduated Driver License law with the signing of SB 413. The Graduated Driver License (GDL) law was strengthened in 2005 when the Oklahoma Legislature passed HB 1599. Oklahoma's GDL appears to be making a difference in teen driver age 16-19 involvement in traffic crashes.

- In 2012, 13,614 drivers age 16-19 were involved in motor vehicle crashes – a 28% reduction since 2005.
- In 2012, 61 drivers age 16-19 were involved in fatal motor vehicle crashes – a 49% reduction since 2005.
- In 2012, 2,171 drivers age 16-19 were involved in serious injury motor vehicle crashes – a 28% reduction since 2005.
- In 2012, 31 drivers age 16-19 were killed in motor vehicle crashes – a 46% reduction since 2005.
- In 2012, 1,199 drivers were seriously injured in motor vehicle crashes – a 29% reduction since 2005.
- Each year, 2005-2012, approximately 40% to 50% of drivers age 16-19 involved in fatal motor vehicle crashes were killed.
- In 2012, there were twice as many male as female drivers involved in fatal injury crashes.
- In 2012, as driver age increased, involvement in crashes increased from age 16-18. However, involvement for drivers age 19 decreased.



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**Drivers Age 16-19 in Crashes
Eight Year Trend**

	2005	2006	2007	2008	2009	2010	2011	2012
Drivers Age 16-19 in Crashes	18,895	18,217	17,301	16,857	16,283	15,179	14,095	13,614
Drivers Age 16-19 in Fatal Crashes	119	103	96	101	86	78	73	61
Driver Fatalities Age 16-19	57	43	44	55	40	34	30	31
Percentage of Drivers Age 16-19 in Fatal Crashes Killed	47.9%	41.7%	45.8%	54.5%	46.5%	43.6%	41.1%	50.1%
Total Fatalities in Crashes Involving a Driver Age 16-19	129	106	105	119	101	84	87	63

- In 2012, for 23 of the 31 drivers age 16-19 killed in motor vehicle crashes, it was their first and last crash.
- Of the driver fatalities age 16-19 that were occupants of passenger vehicles/pickup trucks in 2012, 74% were unrestrained, 75% were male and 50% were age 19.
- In 2012, 95 drivers age 16-19 with an alcohol-related driver condition were involved in fatal or serious injury motor vehicle crashes.
- In 2012, 11 drivers with an alcohol-related driver condition were killed in motor vehicle crashes—36% of the total drivers age 16-19 killed.
- In 2012, 45% of drivers age 16-19 killed in motor vehicle crashes died between 4:00 p.m. and 7:59 p.m.
- In 2012, 48% of drivers age 16-19 killed in motor vehicle crashes died on the weekend (Friday, Saturday or Sunday).
- In 2012, 20% of drivers age 16-19 involved in fatal and serious injury motor vehicle crashes were driving at an unsafe speed, 15% failed to yield and 13% were inattentive.
- In 2012, 25% of drivers age 16-19 involved in fatal and serious injury motor vehicle crashes had one additional occupant in the vehicle and 16% had two or more additional occupants.

Restraints

In 2012, of the 31 driver fatalities age 16-19, 27 (87.1%) were occupants of passenger vehicles/pickup trucks. Twenty of the drivers killed (74.1%) were unrestrained. Of the 20 unrestrained driver fatalities, 50.0% were age 19 and 75.0% were male.

Driver Fatalities Age 16-19 Occupants of Passenger Vehicles/Pickup Trucks Known Restraint Use					
	Known Restraint Use				Total Drivers
	Unrestrained		Restrained		
Year	Number	% of Total	Number	% of Total	
2005	37	71.2%	15	28.8%	52
2012	20	74.1%	7	25.9%	27

In 2005, of the 57 driver fatalities age 16-19, 54 (94.7%) were occupants of passenger vehicles/pickup trucks. Restraint use was known for 52 of the fatalities. Of these 52 driver fatalities, 37 (71.2%) were unrestrained. Of the 37 unrestrained fatalities, 24.1% were age 19 and 69.2% were male.

Driver Age & Sex

All Crashes

In 2012, a total of 13,614 drivers age 16-19 were involved in crashes. As shown in the table to the right, as driver age increased, involvement in crashes increased from age 16 to age 18. At age 19, driver involvement in crashes decreased slightly.

In 2012, 52.7% of drivers age 16-19 involved in crashes were male; however, 50.9% of the licensed drivers in this same age group were male.

Serious Injury Crashes

In 2012, a total of 2,171 drivers age 16-19 were involved in serious injury crashes. As shown in the table to the right, as driver age increased, involvement in crashes increased from age 16 to 18. At age 19, driver involvement in crashes decreased slightly.

In 2012, 55.3% of drivers age 16-19 involved in crashes were male; however, 50.9% of the licensed drivers in this same age group were male.

Fatal Injury Crashes

In 2012, a total of 61 drivers age 16-19 were involved in fatal injury crashes. As shown in the table to the right, male drivers were involved in fatal injury crashes more often than female drivers, with the exception of drivers age 16. In 2012, 67.2% of drivers age 16-19 involved in crashes were male; however, 50.9% of the licensed drivers in this same age group were male. Overall, there were twice as many male drivers as female drivers involved in fatal crashes.

Drivers Age 16-19 in Crashes (2012) By Driver Age & Driver Sex					
Driver Age	Driver Sex				Total Drivers
	Female		Male		
	Number	% of Total	Number	% of Total	
16	1,154	49.4%	1,180	50.6%	2,334
17	1,508	46.4%	1,744	53.6%	3,252
18	1,899	47.0%	2,145	53.0%	4,044
19	1,871	47.0%	2,111	53.0%	3,982
Total	6,432	47.3%	7,180	52.7%	13,612

Drivers Age 16-19 in Serious Injury Crashes (2012) By Driver Age & Driver Sex					
Driver Age	Driver Sex				Total Drivers
	Female		Male		
	Number	% of Total	Number	% of Total	
16	167	46.5%	192	53.5%	359
17	234	45.5%	280	54.5%	514
18	296	44.6%	368	55.4%	664
19	274	43.2%	360	56.8%	634
Total	971	44.7%	1,200	55.3%	2,171

Drivers Age 16-19 in Fatal Injury Crashes (2012) By Driver Age & Driver Sex					
Driver Age	Driver Sex				Total Drivers
	Female		Male		
	Number	% of Total	Number	% of Total	
16	6	60.0%	4	40.0%	10
17	2	20.0%	8	80.0%	10
18	8	36.4%	14	63.6%	22
19	4	21.1%	15	78.9%	19
Total	20	32.8%	41	67.2%	61

Alcohol-Related Driver Condition

Of the 13,614 drivers age 16-19 involved in traffic crashes in 2012, 282 (2.1%) had an alcohol-related driver condition. Of the 282 drivers, 15 (5.3%) were involved in fatal crashes and 80 (28.3%) were involved in serious injury crashes.

Of the 15 drivers age 16-19 with an alcohol-related condition involved in a fatal crash, 11 (73.3%) were killed and three (20.0%) seriously injured. Of the drivers age 16-29 with an alcohol-related condition involved in a serious injury crash, 54 (67.6%) were seriously injured.

Crash History of Drivers Killed

Of the 31 drivers age 16-19 killed in 2012 crashes, 27 had an Oklahoma driver license. Two drivers held an out-of-state driver license and no driver licenses were reported on the collision reports for two drivers. Of the 27 drivers with an Oklahoma driver license, four were involved in one other collision between 2009 and 2012. Of the other 23 drivers killed, the fatal crash in 2012 was their first and last crash.

Time & Day of Week

Drivers age 16-19 are more likely to be involved in a fatal or serious injury crash between 4:00 p.m. (16:00) and 7:59 p.m. (19:59).

Fatal and serious injury crashes involving a driver age 16-19 are more likely to occur on Friday than any other day of the week.

Fourteen of the 31 (45.2%) 16-19 year old drivers who died in traffic crashes in 2012 died in crashes occurring between 4 p.m. and 7:59 p.m.

Eighteen of the 31 (48.4%) 16-19 year old drivers who died in traffic crashes in 2012 died in crashes that occurred on Friday, Saturday or Sunday.

Crashes Involving Drivers Age 16-19 (2012) by Crash Injury Severity and Time of Day



Crashes Involving Drivers Age 16-19 (2012) by Crash Injury Severity and Day of Week

