

Child Passengers, Infant to Age 8, in Crashes (2012)

Occupant of Passenger Vehicle or Pickup Truck

Oklahoma Highway Safety Fact Sheet

Oklahoma
Department of Public Safety
Highway Safety Office

3223 N. Lincoln Blvd.
Oklahoma City, OK 73105

Phone: 405.523.1570
Fax: 405.523.1586

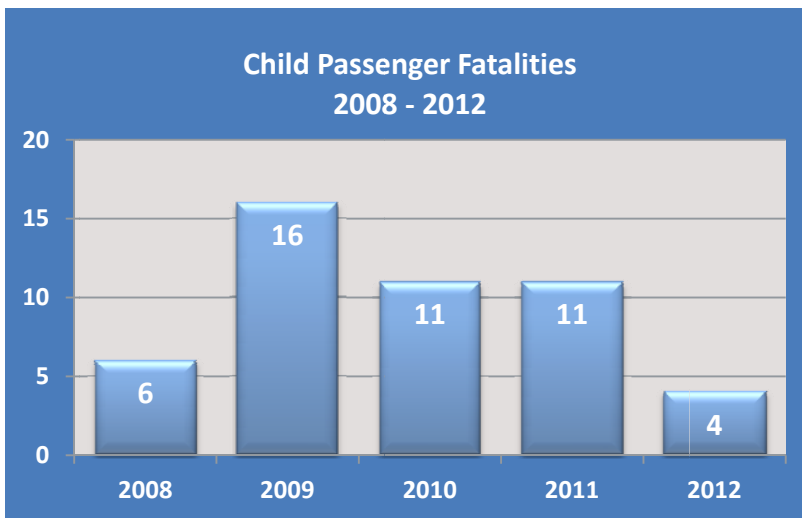
www.ohso.ok.gov

Involvement

In 2012, 4,317 child passengers, infant to age eight, were occupants of passenger vehicles or pickup trucks in crashes. Of these 4,317 child passengers, four were killed and 1,135 were injured.

Fatality Trend

Child passenger fatalities in 2012 decreased from 11 in 2011 to four in 2012. Child passenger fatalities were the lowest in the five-year period from 2008 to 2012.



Restraint Use by Child Fatalities

Of the four child passenger fatalities in 2012, two were unrestrained, one was in a child restraint and one had unknown restraint use. The table below shows restraint use among child fatalities by age and type of restraint.

Child Passenger Fatalities Infant to Age 8 (2012) Occupants of Passenger Vehicles or Pickup Trucks Child Age & Restraint Use							
Child Age	Child Restraint Type						Total
	None Used	Shoulder and Lap Belt	Child Restraint Type Unknown	Child Restraint Forward Facing	Child Restraint Rear Facing	Booster Seat	
2 years	1			1			2
6 years		1					1
7 years	1						1
Total	2	1		1			4

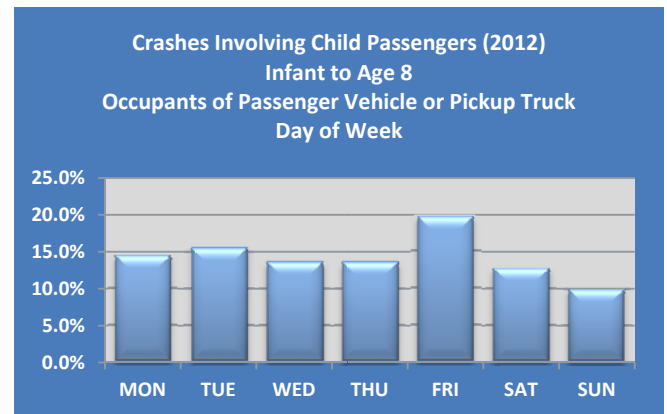
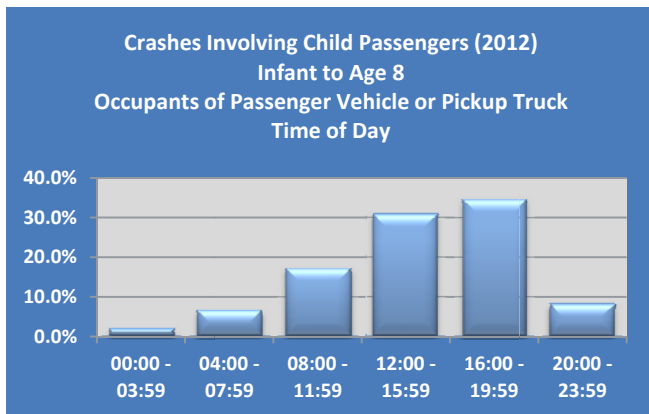
Vehicle Type

Some 44.5% of child passengers were occupants of 4-door passenger vehicles, 29.9% were occupants of SUVs and 14.1% were occupants of pickup trucks.

Child Passengers Infant to Age 8 in Crashes (2012) Occupants of Passenger Vehicles or Pickup Trucks					
Vehicle Type	Child Injury Severity				
	Fatal	Injury	None	Unknown	Total
Passenger Vehicle-2 Door		47	148	6	201
Passenger Vehicle-4 Door	2	516	1386	17	1921
Passenger Vehicle-Convertible		7	9		16
Pickup Truck	1	154	455		610
Sport Utility Vehicle (SUV)	1	328	958	5	1292
Passenger Van		83	194		277
Total	4	1135	3150	28	4317

Time & Day

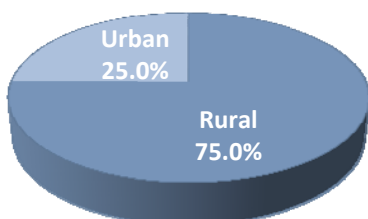
There were 3,119 crashes in 2012 involving child passengers, infant to age eight. These crashes were at their highest between 4 p.m. (16:00) and 7:59 p.m. (19:59) with 34.7% of the total crashes. More child passengers were involved in crashes on Friday than any other day of the week with 19.7% of the total crashes.



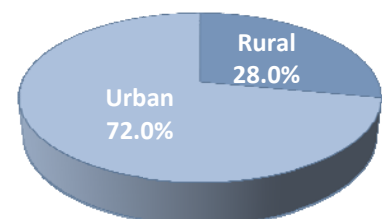
Rural vs. Urban

Some 75.0% of the crashes where a child passenger, infant to age eight, was killed occurred in rural areas. However, 72.0% of crashes involving a child injury occurred in urban areas.

Crashes with Child Passenger Fatalities (2012)
Infant to Age 8
Passenger Vehicle/Pickup Truck Occupants



Crashes with Child Passengers Injured (2012)
Infant to Age 8
Passenger Vehicle/Pickup Truck Occupants



Driver Age & Sex

There were 3,213 drivers with child passengers, infant to age eight, involved in crashes in 2012. Of these drivers, 43.5% were age 26-35, 28.1% were age 16-25 and 18.0% were age 36-45. Some 69.2% of the drivers with child passengers were female.

Drivers in Crashes (2012) With Child Passenger Infant to Age 8 Occupants of Passenger Vehicle or Pickup Truck					
Driver Age	Unknown	Female	Male	Total	% of Total
Not Stated		2	2	4	0.1%
Under 16		1		1	0.0%
16 - 25		658	195	853	26.5%
26 - 35		976	423	1399	43.5%
36 - 45		351	227	578	18.0%
46 - 55		120	75	195	6.1%
56 - 65		82	46	128	4.0%
66 - 75		29	19	48	1.5%
76+		4	3	7	0.2%
Total	0	2223	990	3213	100.0%

Driver Contributing Factor

The top three contributing factors of drivers with child passengers, infant to age eight, were: (1) Unsafe Speed (11.0%), (2) Inattention (7.7%) and (3) Failure to Yield (7.2%). A closer look at the primary contributing factor of unsafe speed shows that 32.7% were driving at an unsafe speed for traffic conditions, 21.6% were driving at an unsafe speed for rain or wet roadway and 12.5% were driving at an unsafe speed for ice or snow on roadway.

Driver Contributing Factors (2012) With Child Passengers Infant to Age 8 Occupants of Passenger Vehicles or Pickup Trucks		
Contributing Factor	Drivers	% of Total
Changed Lanes Unsafely	67	2.1%
Failed To Stop	62	1.9%
Failed To Yield	232	7.2%
Followed Too Closely	151	4.7%
Improper Overtaking	24	0.7%
Improper Parking	1	0.0%
Improper Start	8	0.2%
Improper Turn	78	2.4%
Inattention	249	7.7%
Left of Center	38	1.2%
No Improper Action by Driver	1704	53.0%
Other Improper Act/Movement	163	5.1%
Stopped in Traffic Lane	5	0.2%
Unsafe Speed	352	11.0%
Unsafe Vehicle	43	1.3%
Wrong Way	1	0.0%
DUI-Alcohol	17	0.5%
DUI-Drugs	18	0.6%
Total	3213	100.0%

Drivers in Crashes (2012) With Child Passengers Infant to Age 8 Occupants of Passenger Vehicles or Pickup Trucks Unsafe Speed Contributing Factor		
Unsafe Speed Contributing Factor	Drivers	% of Total
Unsafe Speed - Driver's Ability (Age)	1	0.3%
Unsafe Speed - Inexperienced Driver (Young)	3	0.9%
Unsafe Speed - Exceeding Legal Limit	17	4.8%
Unsafe Speed - For Traffic Conditions	115	32.7%
Unsafe Speed - For Type of Roadway	23	6.6%
Unsafe Speed - For Ice or Snow on Roadway	44	12.5%
Unsafe Speed - Rain or Wet Roadway	76	21.6%
Unsafe Speed - Wind	1	0.35%
Unsafe Speed - Other Weather Conditions	2	0.6%
Unsafe Speed - Vehicle Condition	7	2.0%
Unsafe Speed - View Obstruction		
Unsafe Speed - On Curve/Turn	35	9.9%
Unsafe Speed - Impeding Traffic	8	2.3%
Unsafe Speed - Other	20	5.7%
Total	352	100.0%

Alcohol-Related Driver Condition

Of the drivers with a child passenger, infant to age eight, 1.3% (41 of 3,213) had an alcohol-related driver condition. Of these 41 drivers, 58.5% were age 26-35, 19.5% were age 36-45 and 14.6% were age 16-25. Some 56.1% of the drivers with an alcohol-related driver condition were male.

Drivers in Crashes (2012) With Child Passengers Infant to Age 8 Occupants of Passenger Vehicles or Pickup Trucks Alcohol-Related Driver Condition				
Driver Age	Female	Male	Total	% of Total
Not Stated				
Under 16				
16 - 25	4	2	6	14.6%
26 - 35	9	15	24	58.5%
36 - 45	4	4	8	19.5%
46 - 55	1	1	2	4.9%
56 - 65				
66 - 75		1	1	2.4%
76+				
Total	18	23	41	100.0%