



Child Passengers, Infant to Age 8, in 2009 Crashes

Passenger Vehicle/Pickup Truck Occupants

Oklahoma Department of Public Safety | Highway Safety Office | 3223 N. Lincoln Blvd | Oklahoma City, OK 73105
www.ohso.ok.gov | Phone: 405/523-1570 | Fax: 405/523-1586

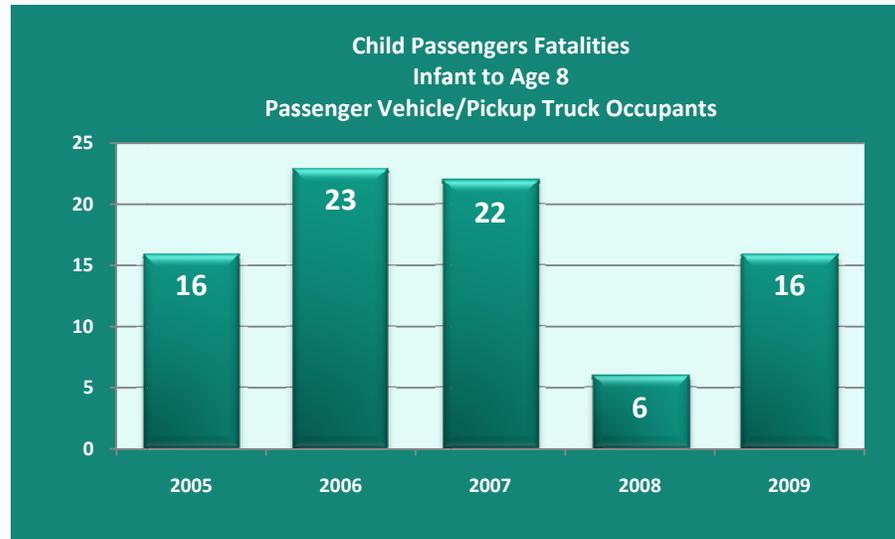
Oklahoma Highway Safety Facts

Involvement

In 2009, 3,533 child passengers, infant to age 8, were occupants of passenger vehicles/pickup trucks involved in crashes. Of these 3,533 child passengers, 16 were killed and 1,401 were injured¹.

Fatality Trend

Child passenger fatalities in 2009, though substantially more than 2008, were equal to the number of fatalities in 2005. In 2009, child passenger fatalities represented 2.2% of the total 737 fatalities.



Child Fatality Restraint Use

Of the 16 child passenger fatalities in 2009, three were unrestrained and 13 were in some type of restraints.

Child Age	Child Restraint Use					Total
	None Used	Lap Belt Only	Shoulder and Lap Belt	Child Restraint Forward Facing	Child Restraint Rear Facing	
1 & Under				2	1	3
2	2			2		4
3	1		1			2
4				2		2
5		2				2
6			1			1
8			2			2
Total	3	2	4	6	1	16

¹Injured includes incapacitating injury, non-incapacitating injury and possible injury.

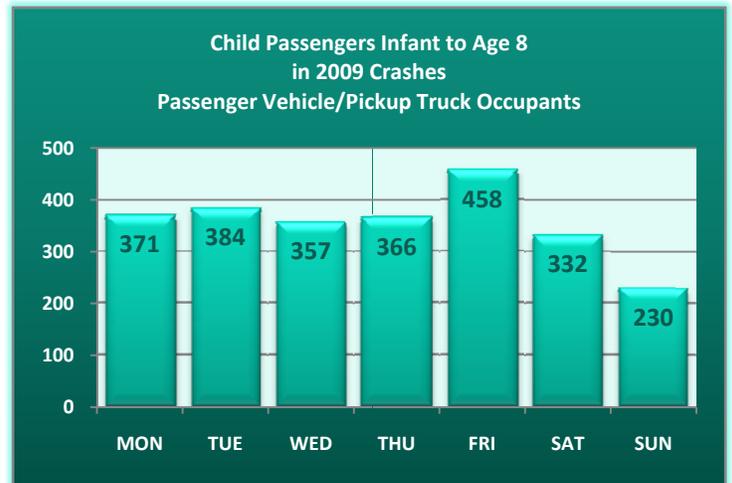
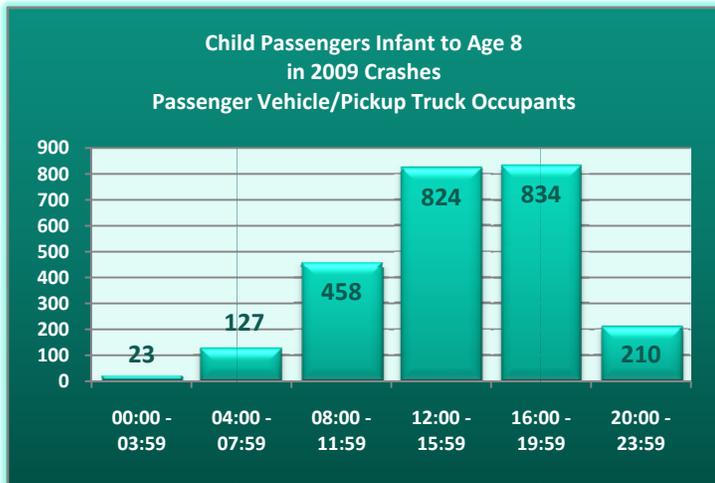
Vehicle Type

Some 45.1% of child passengers were occupants of 4-door passenger vehicles, 27.5% were occupants of SUVs and 11.9% were occupants of pickup trucks. The majority of child passenger fatalities occurred in 4-door passenger vehicles and SUVs in 2009 crashes.

Child Passengers Infant to Age 8 in 2009 Crashes Passenger Vehicles/Pickup Truck Occupants					
Vehicle Type	Person Injury Severity				Total
	Fatal	Injury	None	Unknown	
Passenger Vehicle-2 Door	1	92	120	5	218
Passenger Vehicle-4 Door	6	605	970	14	1595
Passenger Vehicle-Convertible		12	10	1	23
Pickup Truck	1	191	228	2	422
Sport Utility Vehicle (SUV)	7	382	578	6	973
Passenger Van	1	119	181	1	302
Total	16	1401	2087	29	3533

Time & Day

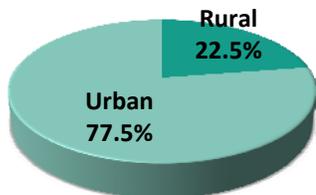
There were 2,498 crashes in 2009 involving child passengers, infant to age eight. These crashes were at their highest, 66.4% (1,658 of 2,498) of the total crashes, between 12:00 Noon (12:00) and 7:59 p.m. (19:59). More child passengers, 18.3% (458 of 2,498) of the total crashes, were involved in crashes on Friday than any other day of the week.



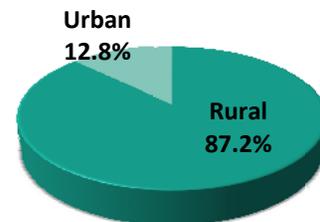
Rural vs. Urban

Three times as many crashes with child passengers occurred in urban areas as in rural areas. However, fatal crashes occurred almost seven times more often in rural areas than in urban areas.

2009 Crashes with Child Passengers
Infant to Age 8
Passenger Vehicle/Pickup Truck Occupants



2009 Crashes with Child Passenger Fatalities
Infant to Age 8
Passenger Vehicle/Pickup Truck Occupants



Driver Age & Sex

There were 2,577 drivers with child passengers in 2009 crashes. Some 41.5% of the drivers were age 26-35, 27.0% were age 16-25 and 18.0% were age 36-45. Some 69.5% of the drivers with passengers infant to age 8 were female.

Drivers in 2009 Crashes With Child Passenger Infant to Age 8 Passenger Vehicle/Pickup Truck Occupants				
Driver Age	Female	Male	Total	% of Total
Unknown	6		6	0.2%
Under 16	1	1	2	0.1%
16 – 25	527	170	697	27.0%
26 – 35	764	306	1070	41.5%
36 – 45	275	190	465	18.0%
46 – 55	133	67	200	7.8%
56 – 65	52	30	82	3.2%
66 – 75	27	19	46	1.8%
76+	7	2	9	0.3%
Total	1792	785	2577	100.0%

Driver Contributing Factor

The three primary contributing factors of drivers with child passengers, infant to age 8 were: (1) Unsafe Speed 11.7%, (2) Failed to Yield (7.6%), (3) Inattention (7.0%). A closer look at the primary contributing factor of Unsafe Speed shows that 41.5% of the drivers were operating at an unsafe speed for traffic conditions, 21.6% were operating at an unsafe speed for rain or wet roadway and 14.3% were operating at an unsafe speed for ice or snow on the roadway.

Driver Contributing Factors (2009) With Child Passengers Infant to Age 8 Passenger Vehicle/Pickup Truck Occupants		
Contributing Factor	Drivers	% of Total
Changed Lanes Unsafely	41	1.6%
Failed To Stop	73	2.8%
Failed To Yield	195	7.6%
Followed Too Closely	113	4.4%
Improper Overtaking	10	.4%
Improper Start	12	.5%
Improper Turn	73	2.8%
Inattention	181	7.0%
Left of Center	20	.8%
No Improper Action by Driver	1362	52.9%
Other Improper Act/Movement	133	5.2%
Stopped in Traffic Lane	3	.1%
Unsafe Speed	301	11.7%
Unsafe Vehicle	29	1.1%
Wrong Way	1	.0%
DUI-Alcohol	22	.9%
DUI-Drugs	8	.3%
Total	2577	100.0%

Drivers in 2009 Crashes With Child Passengers Infant to Age 8 Passenger Vehicle/Pickup Truck Occupants Unsafe Speed Contributing Factor		
Unsafe Speed Contributing Factor	Drivers	% of Total
Unsafe Speed - Driver's Ability (Age)	1	.3%
Unsafe Speed - Inexperienced Driver (Young)	5	1.7%
Unsafe Speed - Exceeding Legal Limit	10	3.3%
Unsafe Speed - For Traffic Conditions	125	41.5%
Unsafe Speed - For Type of Roadway	17	5.6%
Unsafe Speed - For Ice or Snow on Roadway	43	14.3%
Unsafe Speed - Rain or Wet Roadway	65	21.6%
Unsafe Speed - Vehicle Condition	3	1.0%
Unsafe Speed - View Obstruction	4	1.3%
Unsafe Speed - On Curve/Turn	18	6.0%
Unsafe Speed - Impeding Traffic	4	1.3%
Unsafe Speed - Other	6	2.0%
Total	301	100.0%

Alcohol-Related Driver Condition

Of the drivers with a child passenger, infant to age 8, 3.6% (92 of 2,577) had an alcohol-related driver condition. Of the 92 drivers with an alcohol-related driver condition, 42.4% were age 26-35, 22.8% were age 16-25 and 19.6% were age 36-45. Slightly more female drivers (51.1%) had an alcohol-related driver condition than male drivers.

Drivers in 2009 Crashes With Child Passengers Infant to Age 8 Passenger Vehicle/Pickup Truck Occupants Alcohol-Related Driver Condition				
Driver Age	Alcohol-Related			% of Total
	Female	Male	Total	
Not Stated				
Age 15 & Under				
16 - 25	13	8	21	22.8%
26 - 35	19	20	39	42.4%
36 - 45	8	10	18	19.6%
46 - 55	5	6	11	12.0%
56 - 65	1	1	2	2.2%
66 - 75	1		1	1.1%
76+				
Total	47	45	92	100.0%