

Child Passengers, Infant to Age 8, in Crashes (2010)

Occupant of Passenger Vehicle or Pickup Truck

Highway Safety Fact Sheet

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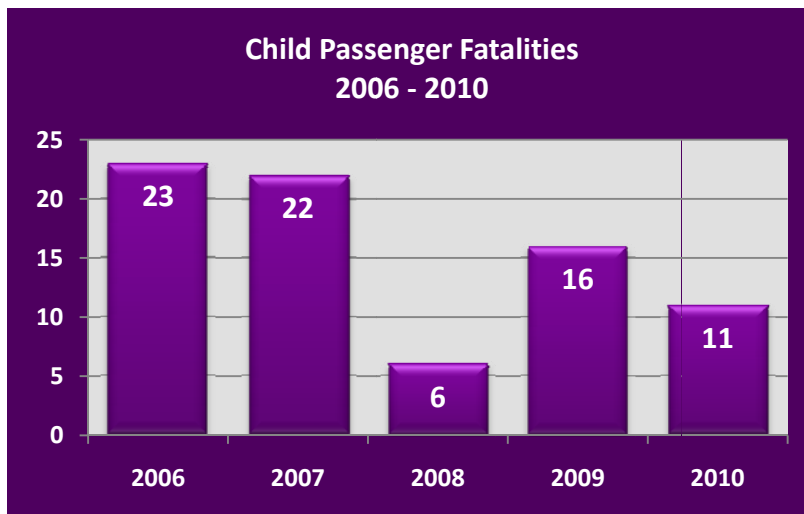
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Involvement

In 2010, 3,970 child passengers, infant to age eight, were occupants of passenger vehicles or pickup trucks in crashes. Of these 3,970 child passengers, 11 were killed and 1,381 were injured.

Fatality Trend

Child passenger fatalities in 2010 decreased from 16 in 2009 to 11 in 2010. Although the number of child passenger fatalities in 2010 was the second-lowest in the last five years, it was still almost twice as high as the lowest year, 2008.



Restraint Use by Child Fatalities

Of the 11 child passenger fatalities in 2010, four were unrestrained and the remaining seven were in some type of restraint system. The table below shows restraint use among child fatalities by age and type of restraint.

Child Passenger Fatalities Infant to Age 8 (2010) Occupants of Passenger Vehicles or Pickup Trucks Child Age & Restraint Use					
Child Age	Child Restraint				Total
	None Used	Shoulder and Lap Belt	Child Restraint Forward Facing	Booster Seat	
1 & Under					
2			1		1
3		1	1		2
4				1	1
5	2		1		3
6		2			2
7	1				1
8	1				1
Total	4	3	3	1	11

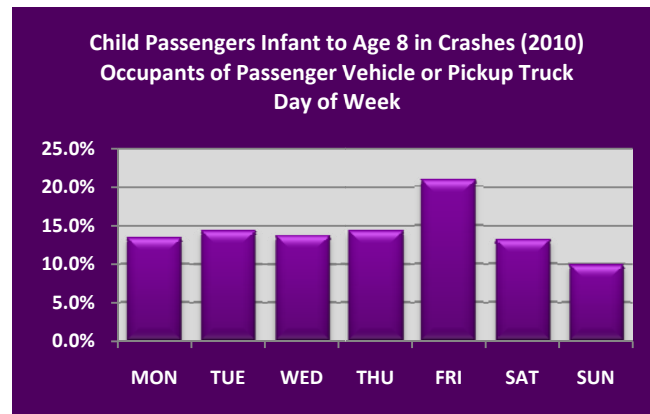
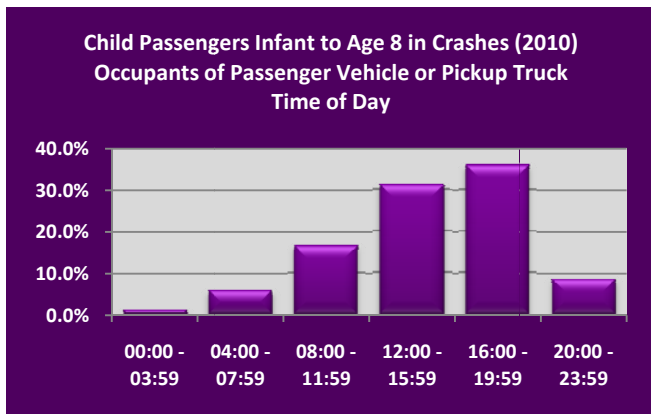
Vehicle Type

Some 42.3% of child passengers were occupants of 4-door passenger vehicles, 29.0% were occupants of SUVs and 14.7% were occupants of pickup trucks.

Child Passengers Infant to Age 8 in Crashes (2010) Occupants of Passenger Vehicles or Pickup Trucks					
Vehicle Type	Child Injury Severity				Total
	Fatal	Injury	None	Unknown	
Passenger Vehicle-2 Door		88	142		230
Passenger Vehicle-4 Door	6	593	1018	21	1638
Passenger Vehicle-Convertible		9	8		17
Pickup Truck	1	195	383	3	582
Sport Utility Vehicle (SUV)	4	370	763	14	1151
Passenger Van		126	216	10	352
Total	11	1381	2530	48	3970

Time & Day

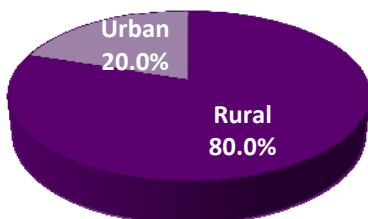
There were 2,811 crashes in 2010 involving child passengers, infant to age eight. These crashes were at their highest between 4 p.m. (16:00) and 7:59 p.m. (19:59) with 36.0% of the total crashes. More child passengers were involved in crashes on Friday than any other day of the week with 20.9% of the total crashes.



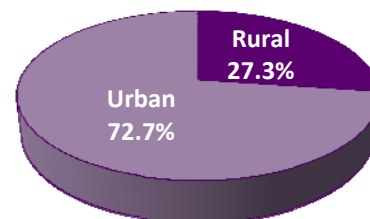
Rural vs. Urban

Some 80.0% of the crashes where a child passenger, infant to age eight, was killed occurred in rural areas. However, 72.7% of crashes involving a child injury occurred in urban areas.

Crashes with Passenger Fatalities
Infant to Age 8
Passenger Vehicle/Pickup Truck
2010



Crashes with Passengers Injured
Infant to Age 8
Passenger Vehicle/Pickup Truck
2010



Driver Age & Sex

There were 2,899 drivers with child passengers, infant to age eight, involved in crashes in 2010. Of these drivers, 40.8% were age 26-35, 27.8% were age 16-25 and 18.4% were age 36-45. Some 68.5% of the drivers with infant to age 8 passengers were female.

Drivers in Crashes (2010) With Child Passenger Infant to Age 8 Occupants of Passenger Vehicle or Pickup Truck					
Driver Age	Unknown	Female	Male	Total	% of Total
Not Stated	5		4	9	0.3%
Under 16		3	0	3	0.1%
16 - 25		607	198	805	27.8%
26 - 35		812	372	1184	40.8%
36 - 45		328	205	533	18.4%
46 - 55		130	60	190	6.6%
56 - 65		70	45	115	4.0%
66 - 75		29	19	48	1.7%
76+		6	6	12	0.4%
Total	5	1985	909	2899	100.0%

Driver Contributing Factor

The top three contributing factors of drivers with child passengers, infant to age eight, were: (1) Unsafe Speed (10.9%), (2) Inattention (8.0%) and (3) Failure to Yield (7.1%). A closer look at the primary contributing factor of unsafe speed shows that 38.5% were driving at an unsafe speed for traffic conditions, 21.5% were driving at an unsafe speed for rain or wet roadway and 13.6% were driving at an unsafe speed for ice or snow on roadway.

Driver Contributing Factors (2010) With Child Passengers Infant to Age 8 Occupants of Passenger Vehicles or Pickup Trucks		
Contributing Factor	Drivers	Percent of Total
Changed Lanes Unsafely	58	2.0%
Failed To Stop	75	2.6%
Failed To Yield	206	7.1%
Followed Too Closely	116	4.0%
Improper Overtaking	14	.5%
Improper Parking	2	.1%
Improper Start	4	.1%
Improper Turn	85	2.9%
Inattention	232	8.0%
Left of Center	38	1.3%
No Improper Action by Driver	1518	52.4%
Other Improper Act/Movement	136	4.7%
Stopped in Traffic Lane	11	.4%
Unsafe Speed	317	10.9%
Unsafe Vehicle	46	1.6%
Wrong Way	1	.0%
DUI-Alcohol	24	.8%
DUI-Drugs	16	.6%
Total	2899	100.0%

Drivers in Crashes (2010) 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	.3%
Unsafe Speed - Inexperienced Driver (Young)	1	.3%
Unsafe Speed - Exceeding Legal Limit	23	7.3%
Unsafe Speed - For Traffic Conditions	122	38.5%
Unsafe Speed - For Type of Roadway	17	5.4%
Unsafe Speed - For Ice or Snow on Roadway	43	13.6%
Unsafe Speed - Rain or Wet Roadway	68	21.5%
Unsafe Speed - Other Weather Conditions	1	.3%
Unsafe Speed - Vehicle Condition	3	.9%
Unsafe Speed - View Obstruction	4	1.3%
Unsafe Speed - On Curve/Turn	14	4.4%
Unsafe Speed - Impeding Traffic	2	.6%
Unsafe Speed - Other	18	5.7%
Total	317	100.0%

Alcohol-Related Driver Condition

Of the drivers with a child passenger, infant to age eight, 1.3% (38 of 2,899) had an alcohol-related driver condition. Of these 38 drivers, 55.6% were age 26-35, 34.2% were age 16-25, 10.5% were age 36-45 and 2.6% were age 46-55. Some 60.5% of the drivers with an alcohol-related driver condition were female.

Drivers in Crashes (2010) 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	8	5	13	34.2%
26 - 35	13	7	20	52.6%
36 - 45	1	3	4	10.5%
46 - 55	1		1	2.6%
56 - 65				
66 - 75				
76+				
Total	23	15	38	100.0%