

# Quick Facts

## Illinois Crash Information 2007

### Emergency Vehicle Crashes

While crashes involving emergency vehicles are relatively rare, an evaluation of these motor vehicle incidents is valuable because these vehicles provide important services and must do so both expeditiously and in a safe manner.

	All Crashes	Crashes Involving Emergency Vehicles
<b>Crashes:</b>	422,889	4,555
<b>Fatal Crashes:</b>	1,126	6
<b>Injury Crashes:</b>	73,220	959
<b>Total People Involved:</b>	983,373 <sup>a</sup>	11,006 <sup>a</sup>
<b>Total Fatalities:</b>	1,250 <sup>a</sup>	7 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	103,174 <sup>a</sup>	1,524 <sup>a</sup>

<sup>a</sup> Totals include occupants and non-occupants; e.g. 983,373 total people = 973,034 occupants + 10,339 non-occupants

Just 4,555 (1.1%) of all 422,889 motor vehicle incidents in Illinois in 2007 involved emergency vehicles such as ambulance, fire and police vehicles.\* Crashes involving emergency vehicles accounted for 7 (0.6%) of all 1,250 traffic fatalities.

### Emergency Vehicles on Call

There were a total of 557 crashes in Illinois in 2007 specifically involving emergency vehicles on call. Just 2 fatalities resulted from these crashes, or 0.2% of all 1,250 traffic fatalities in Illinois in 2007.

### Emergency Vehicle Types

More police vehicles were involved in crashes, fatal crashes and injury crashes than ambulance and fire vehicles.<sup>†,‡</sup>

EMERGENCY VEHICLE INVOLVEMENT †	TOTAL CRASHES	FATAL CRASHES		INJURY CRASHES	
	#	#	%	#	%
Ambulance	541	2	(0.37)	98	(18.1)
Fire	400	2	(0.50)	54	(13.5)
Police	3,571	2	(0.06)	792	(22.2)
No Emergency Vehicle Involved	418,334	1,120	(0.27)	72,261	(17.3)

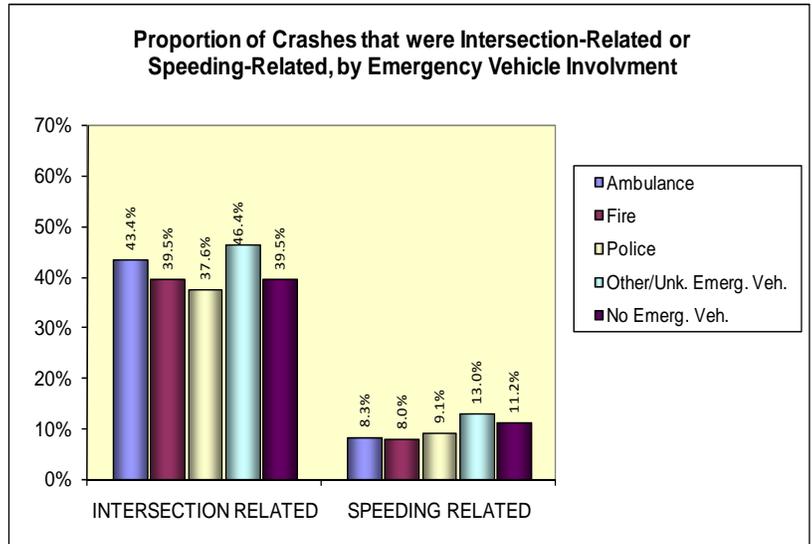
\* Emergency vehicles were defined as ambulance, police and fire vehicles plus any vehicle whose use was as an emergency vehicle on call

† Where type of emergency vehicle was known; 1.5% of all emergency vehicles involved in crashes were emergency vehicles on call of unknown type

‡ A few crashes involved more than one type of emergency vehicle, so the totals for each type are not mutually exclusive  
Note: Data as of March 23, 2009; with 422,889 crash records, 785,918 vehicle records and 983,373 person records

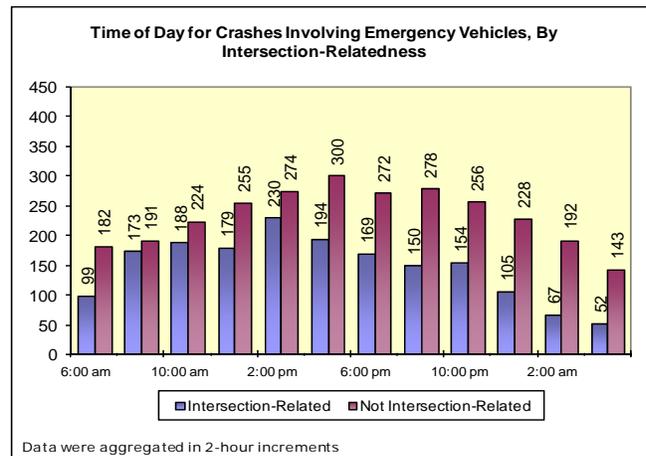
## Intersection-Related and Speeding-Related Crashes

- Crashes involving emergency vehicles were about as likely to be intersection-related (1,760 of 4,555, or 38.6%) as other crashes (165,158 of 418,334, or 39.5%)
- However, they were slightly less likely to be speeding-related<sup>§</sup> (410 of 4,555, or 9.0%) than other crashes (46,817 of 418,334, or 11.2%)
- Crashes involving emergency vehicles *on call* were more likely to be intersection-related (286 of 557, or 51.3%) than other emergency vehicle crashes (1,474 of 3,398, or 36.9%) and crashes in which no emergency vehicle was involved (165,158 of 418,334, or 39.5%)
- Crashes involving emergency vehicles *on call* were slightly less likely to be speeding-related (43 of 557, or 7.7%) than other emergency vehicle crashes (367 of 3,998, or 9.2%) and crashes in which no emergency vehicle was involved (46,817 of 418,334, or 11.2%)



## Time of Day

- Crashes involving emergency vehicles peaked during the afternoon hours, with 11.1% of all such crashes occurring between 2:00 PM and 4:00 PM.
- 42.7% of emergency vehicle crashes between 6:00 am and 6:00 pm were intersection-related, compared with 33.7% at other hours.



## Crashes Involving Police Evasion

- 727 crashes in Illinois in 2007 involved drivers trying to evade police vehicles\*\*
- These crashes represent 0.17% of all 422,889 crashes and 4 (0.32%) of all 1,250 fatal crashes in Illinois in 2007
- 153 (21.0%) of these 727 crashes were also speeding-related

<sup>§</sup> Speeding-related crashes were defined as crashes in which at least one driver in the crash was driving too fast for conditions or in which exceeding the speed limit or excessive speed for conditions was listed by police as a cause of the crash

\*\* Police vehicles themselves were also involved in 96 (13.2%) of these 727 collisions