

# Quick Facts

## Illinois Crash Information 2008

### 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>	408,399	4,673
<b>Fatal Crashes:</b>	950	6
<b>Injury Crashes:</b>	67,845	902
<b>Total People Involved:</b>	937,463 <sup>a</sup>	11,030 <sup>a</sup>
<b>Total Fatalities:</b>	1,043 <sup>a</sup>	6 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	94,098 <sup>a</sup>	1,400 <sup>a</sup>

<sup>a</sup> Totals include occupants and non-occupants; e.g. 937,463 total people = 927,093 occupants + 10,370 non-occupants

Just 4,673 (1.1%) of all 408,399 motor vehicle incidents in Illinois in 2008 involved emergency vehicles such as ambulance, fire and police vehicles.\* Crashes involving emergency vehicles accounted for 6 (0.6%) of all 1,043 traffic fatalities.

### Emergency Vehicles on Call

There were a total of 558 crashes in Illinois in 2008 specifically involving emergency vehicles on call. Just 1 fatality resulted from these crashes, or 0.1% of all 1,043 traffic fatalities in Illinois in 2008.

### 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	574	2	(0.35)	102	(17.8)
Fire	435	0	(0.00)	52	(12.0)
Police	3,610	4	(0.11)	726	(20.1)
No Emergency Vehicle Involved	403,726	944	(0.23)	66,943	(16.6)

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

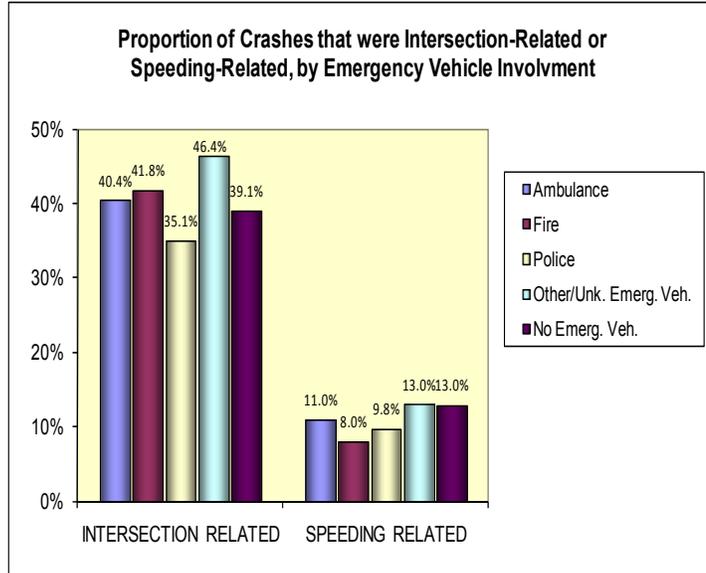
† Where type of emergency vehicle was known; 1.2% of all emergency vehicles involved in crashes were emergency vehicles on call of unknown type

‡ 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 January 6, 2010; with 408,399 crash records, 751,885 vehicle records and 937,463 person records

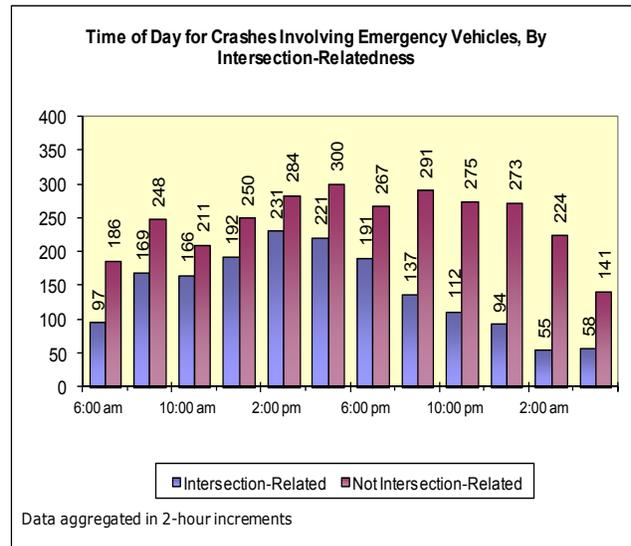
### Intersection-Related and Speeding-Related Crashes

- Crashes involving emergency vehicles were about as likely to be intersection-related (1,723 of 4,673, or 36.9%) as other crashes (157,703 of 403,726, or 39.1%).
- They were slightly less likely to be speeding-related<sup>§</sup> (461 of 4,673, or 9.9%) than other crashes (52,379 of 403,726, or 13.0%) .
- Crashes involving emergency vehicles *on call* were more likely to be intersection-related (307 of 559, or 54.9%) than other emergency vehicle crashes (1,416 of 4,114, or 34.4%) and crashes in which no emergency vehicle was involved (157,703 of 403,726, or 39.1%).
- Crashes involving emergency vehicles *on call* were about as likely to be speeding-related (46 of 559, or 8.2%) as other emergency vehicle crashes (261 of 3,555, or 7.3%) and less likely than crashes in which no emergency vehicle was involved (52,379 of 403,726, or 13.0%).



### Time of Day

- Crashes involving emergency vehicles peaked during the afternoon hours, with 11.1% of all such crashes occurring between 4:00 PM and 6:00 PM.
- 42.1% of emergency vehicle crashes between 6:00 am and 6:00 pm were intersection-related, compared with 30.5% at other hours.



### Crashes Involving Police Evasion

- 645 crashes in Illinois in 2008 involved drivers trying to evade police vehicles\*\*
- These crashes represent 0.16% of all 408,399 crashes and 8 (0.78%) of all 1,043 fatal crashes in Illinois in 2008
- 139 (21.6%) of these 645 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 93 (14.4%) of these 645 collisions