

# Quick Facts

## Illinois Crash Information 2009

### 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>	292,439	3,207
<b>Fatal Crashes:</b>	832	5
<b>Injury Crashes:</b>	63,382	863
<b>Total People Involved:</b>	682,674 <sup>a</sup>	7,763 <sup>a</sup>
<b>Total Fatalities:</b>	911 <sup>a</sup>	5 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	89,188 <sup>a</sup>	1,371 <sup>a</sup>

<sup>a</sup> Totals include occupants and non-occupants; e.g. 682,674 total people = 673,838 occupants + 8,836 non-occupants

Just 3,207 (1.1%) of all 292,439 motor vehicle incidents in Illinois in 2009 involved emergency vehicles such as ambulance, fire and police vehicles. \* Crashes involving emergency vehicles accounted for 5 (0.5%) of all 911 traffic fatalities.

### Emergency Vehicles on Call

There were a total of 378 crashes in Illinois in 2009 specifically involving emergency vehicles on call. Just 2 fatalities resulted from these crashes, or 0.2% of all 911 traffic fatalities in Illinois in 2009.

### 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	FATAL CRASHES		INJURY CRASHES	
	CRASHES	#	%	#	%
Ambulance	365	1	(0.27)	93	(25.5)
Fire	284	0	(0.00)	51	(18.0)
Police	2,530	4	(0.16)	707	(27.9)
No Emergency Vehicle Involved	289,232	827	(0.29)	62,519	(21.6)

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

<sup>†</sup> Where type of emergency vehicle was known; 1.9% of all emergency vehicles involved in crashes were emergency vehicles on call of unknown type

<sup>‡</sup> A few crashes involved more than one type of emergency vehicle, so the totals for each type are not mutually exclusive

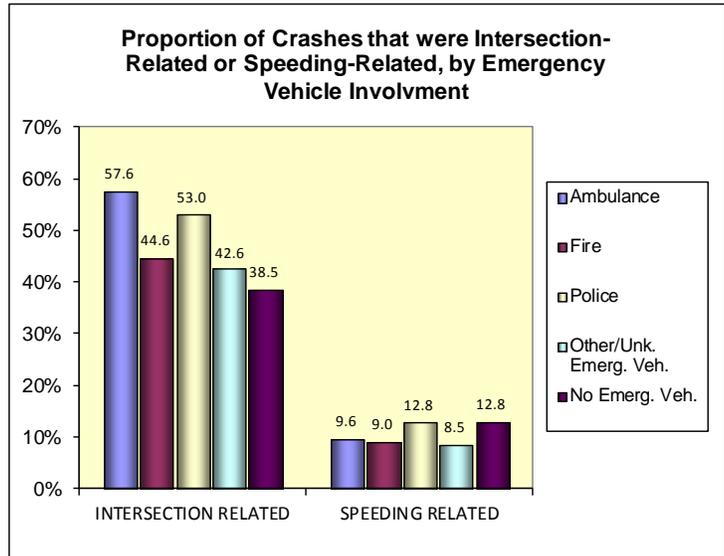
*Note: Data as of October 4, 2010; with 292,439 crash records, 539,717 vehicle records and 673,839 person records.*

*The law regarding the reporting threshold for Property Damage Only crashes was amended effective January 1, 2009, resulting in decreased reporting of crashes in this specific category. It did not affect the reporting of injury or fatal crashes. For details of the reporting amendment, see also <http://app.idph.state.il.us/emsrpt/crash.asp>.*

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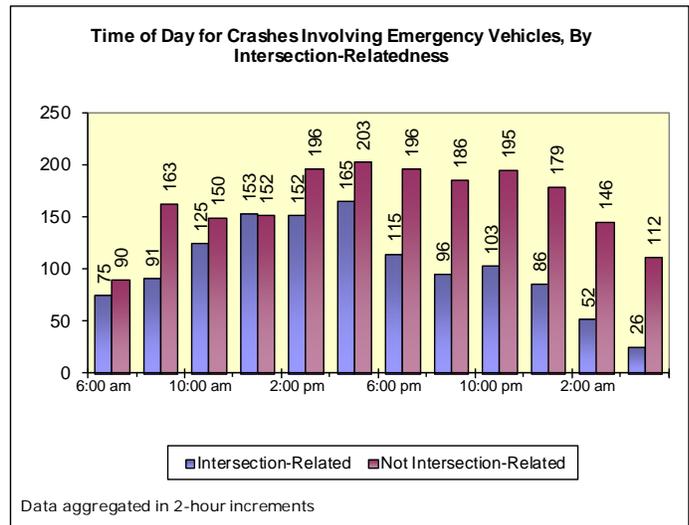
### Intersection-Related and Speeding-Related Crashes

- Crashes involving emergency vehicles were about as likely to be intersection-related (1,239 of 3,207, or 38.6%) as other crashes (111,268 of 289,232, or 38.5%).
- They were slightly less likely to be speeding-related<sup>§</sup> (281 of 3,207, or 8.8%) than other crashes (37,007 of 289,232, or 12.8%).
- Crashes involving emergency vehicles *on call* were more likely to be intersection-related (214 of 378, or 56.6%) than other emergency vehicle crashes (1,219 of 3,160, or 38.6%) and crashes in which no emergency vehicle was involved (112,268 of 289,232, or 38.5%).
- Crashes involving emergency vehicles *on call* were about as likely to be speeding-related (24 of 378, or 6.3%) as other emergency vehicle crashes (277 of 3,160, or 8.8%) and less likely than crashes in which no emergency vehicle was involved (37,007 of 289,232, or 12.8%).



### Time of Day

- Crashes involving emergency vehicles peaked during the afternoon hours, with 11.5% of all such crashes occurring between 4:00 PM and 6:00 PM.
- 44.4% of emergency vehicle crashes between 6:00 am and 6:00 pm were intersection-related, compared with 32.0% at other hours.



### Crashes Involving Police Evasion

- 567 crashes in Illinois in 2009 involved drivers trying to evade police vehicles\*\*
- These crashes represent 0.19% of all 292,439 crashes and 6 (0.66%) of all 911 fatal crashes in Illinois in 2009
- 151 (26.6%) of these 567 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 99 (17.5%) of these 567 collisions