

# Quick Facts

## Illinois Crash Information 2010

### 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>	289,604	2,842
<b>Fatal Crashes:</b>	858	5
<b>Injury Crashes:</b>	63,586	817
<b>Total People Involved:</b>	689,908 <sup>a</sup>	7,338 <sup>a</sup>
<b>Total Fatalities:</b>	927 <sup>a</sup>	6 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	89,030 <sup>a</sup>	1,275 <sup>a</sup>

<sup>a</sup> Totals include occupants and non-occupants; e.g. 689,908 total people = 680,833 occupants + 9,075 non-occupants

Just 2,842 (1.0%) of all 289,604 motor vehicle incidents in Illinois in 2010 involved emergency vehicles such as ambulance, fire and police vehicles.\* Crashes involving emergency vehicles accounted for 6 (0.5%) of all 927 traffic fatalities.

### Emergency Vehicles on Call

There were a total of 357 crashes in Illinois in 2010 specifically involving emergency vehicles on call. Just one fatality resulted from these crashes, or 0.1% of all 927 traffic fatalities in Illinois in 2010.

### 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 <sup>†</sup>	TOTAL	FATAL CRASHES		INJURY CRASHES	
	CRASHES #	#	%	#	%
Ambulance	298	1	(0.34)	75	(25.2)
Fire	276	0	(0.00)	58	(21.0)
Police	2,233	4	(0.18)	1,560	(69.9)
No Emergency Vehicle Involved	286,762	853	(0.30)	62,769	(21.9)

\* 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; 2.3% 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 December 21, 2011; with 289,604 crash records, 537,606 vehicle records and 689,908 person records.*

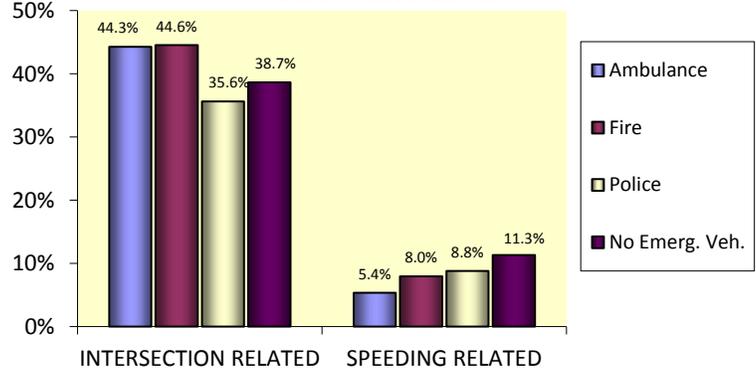
*The law regarding the reporting threshold for Property Damage Only crashes was amended effective January 1, 2009, resulting in decreased reporting of crashes in this specific category. It did not affect the reporting of injury or fatal crashes. For details of the reporting amendment, see also <http://app.idph.state.il.us/emsrpt/crash.asp>.*

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### Intersection-Related and Speeding-Related Crashes

- Crashes involving emergency vehicles were about as likely to be intersection-related (1,070 of 2,842, or 37.6%) as other crashes (110,868 of 286,762, or 38.7%).
- They were slightly less likely to be speeding-related<sup>§</sup> (238 of 2,842, or 8.4%) than other crashes (32,425 of 286,762, or 11.3%).
- Crashes involving emergency vehicles *on call* were more likely to be intersection-related (152 of 357, or 42.6%) than other emergency vehicle crashes (918 of 2,485, or 36.9%) and crashes in which no emergency vehicle was involved (110,868 of 286,762, or 38.7%).

Proportion of Crashes that were Intersection-Related or Speeding-Related, by Emergency Vehicle Involvement



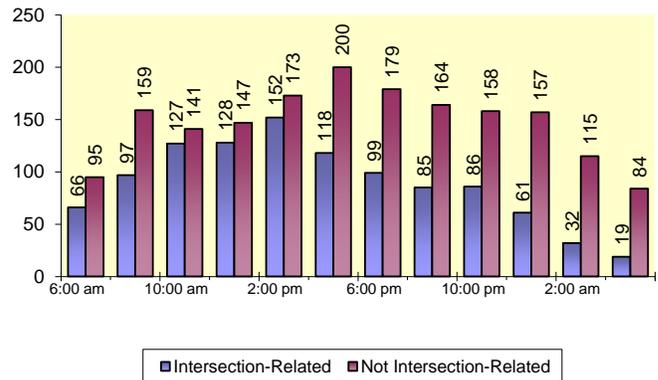
Where emergency vehicle type was known

- Crashes involving emergency vehicles *on call* were about as likely to be speeding-related (23 of 357, or 6.4%) as other emergency vehicle crashes (215 of 2,485, or 8.7%) and less likely than crashes in which no emergency vehicle was involved (32,425 of 286,762, or 11.3%).

### Time of Day

- Crashes involving emergency vehicles peaked during the afternoon hours, with 11.4% of all such crashes occurring between 2:00 PM and 4:00 PM.
- 42.9% of emergency vehicle crashes between 6:00 am and 6:00 pm were intersection-related, compared with 30.8% at other hours.

Time of Day for Crashes Involving Emergency Vehicles, By Intersection-Relatedness



Data aggregated in 2-hour increments

### Crashes Involving Police Evasion

- 525 crashes in Illinois in 2010 involved drivers trying to evade police vehicles\*\*
- These crashes represent 0.18% of all 289,604 crashes and 3 (0.35%) of all 858 fatal crashes in Illinois in 2010
- 122 (23.2%) of these 525 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 95 (18.1%) of these 525 collisions