

# Quick Facts

## Illinois Crash Information 2013

### 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>	285,468	2,813
<b>Fatal Crashes:</b>	895	7
<b>Injury Crashes:</b>	61,001	677
<b>Total People Involved:</b>	675,852 <sup>a</sup>	7,108 <sup>a</sup>
<b>Total Fatalities:</b>	991 <sup>a</sup>	7 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	85,030 <sup>a</sup>	1,084 <sup>a</sup>

<sup>a</sup>Totals include occupants and non-occupants; e.g. 675,852 total people = 667,061 occupants + 8,791 non-occupants

Just 2,813 (1.0%) of all 285,468 motor vehicle incidents in Illinois in 2013 involved emergency vehicles such as ambulance, fire and police vehicles.\* Crashes involving emergency vehicles accounted for 7 (0.7%) of all 991 traffic fatalities.

### Emergency Vehicles on Call

There were a total of 327 crashes in Illinois in 2013 specifically involving emergency vehicles on call. One fatality (0.3%) resulted from these 327 crashes in Illinois in 2013.

### 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	374	1 (0.27)	81 (21.7)
Fire	287	1 (0.35)	51 (17.8)
Police	2,111	6 (0.28)	526 (24.9)
No Emergency Vehicle Involved	282,655	888 (0.31)	60,324 (21.3)

\* 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; 2.0% 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

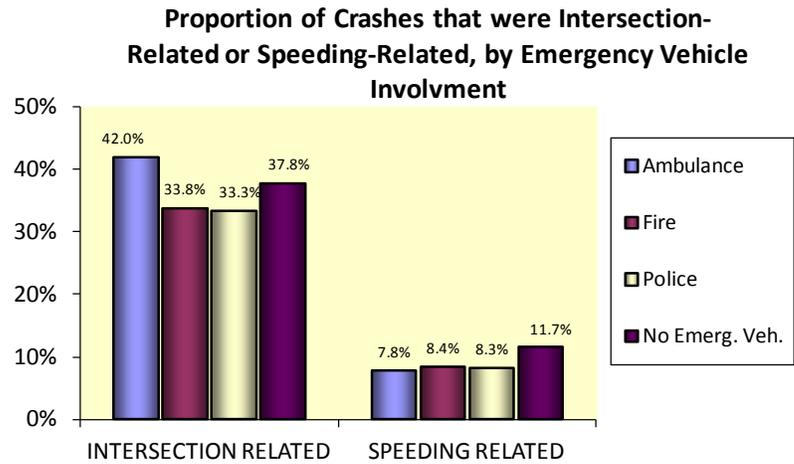
Note: Data as of January 7, 2015; with 285,468 crash records, 532,753 vehicle records and 676,984 person records.

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 (981 of 2,813, or 34.9%) as other crashes (106,824 of 282,655, or 37.8%).
- They were slightly less likely to be speeding-related<sup>§</sup> (231 of 2,813, or 8.2%) than other crashes (33,007 of 282,655, or 11.7%).
- Crashes involving emergency vehicles *on call* were more likely to be intersection-related (155 of 327, or 47.4%) than other emergency vehicle crashes (826 of 2,486, or 33.2%) and crashes in which no emergency vehicle was involved (106,824 of 282,655, or 37.8%).
- Crashes involving emergency vehicles *on call* were slightly less likely to be speeding-related (17 of 327, or 5.2%) as other emergency vehicle crashes (214 of 2,486, or 8.6%) and also less likely than crashes in which no emergency vehicle was involved (33,007 of 282,655, or 11.7%).

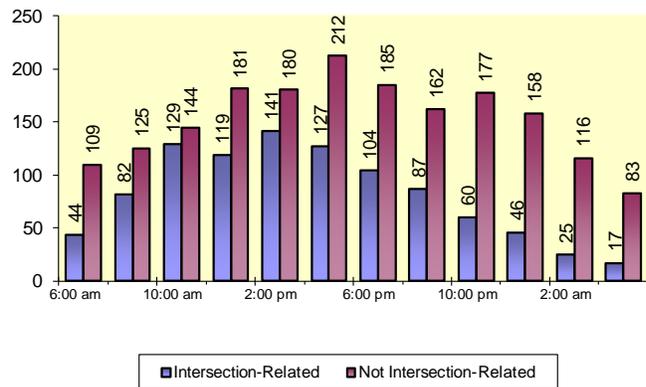


Where emergency vehicle type was known

## Time of Day

- Crashes involving emergency vehicles peaked during the afternoon hours, with 12.1% of all such crashes occurring between 4:00 PM and 6:00 PM.
- 40.3% of emergency vehicle crashes between 6:00 am and 6:00 pm were intersection-related, compared with 27.8% at other hours.

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



Data aggregated in 2-hour increments

## Crashes Involving Police Evasion

- 560 crashes in Illinois in 2013 involved drivers trying to evade police vehicles\*\*
- These crashes represent 0.2% of all 285,468 crashes and 4 (0.4%) of all 895 fatal crashes in Illinois in 2013
- 161 (28.8%) of these 560 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 62 (11.1%) of these 560 collisions