

Quick Facts

Illinois Crash Information 2012

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
Crashes:	274,291	2,376
Fatal Crashes:	886	4
Injury Crashes:	60,284	632
Total People Involved:	649,023 ^a	6,076 ^a
Total Fatalities:	956 ^a	4 ^a
Total Non-Fatal Injuries:	83,810 ^a	992 ^a

^aTotals include occupants and non-occupants; e.g. 649,023 total people = 640,402 occupants + 8,621 non-occupants

Just 2,376 (0.9%) of all 274,291 motor vehicle incidents in Illinois in 2012 involved emergency vehicles such as ambulance, fire and police vehicles. * Crashes involving emergency vehicles accounted for 4 (0.4%) of all 956 traffic fatalities.

Emergency Vehicles on Call

There were a total of 312 crashes in Illinois in 2012 specifically involving emergency vehicles on call. No fatalities (0) resulted from these 312 crashes in Illinois in 2012.

Emergency Vehicle Types

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

EMERGENCY VEHICLE INVOLVEMENT †	TOTAL	FATAL CRASHES	INJURY CRASHES
	CRASHES #	# %	# %
Ambulance	271	1 (0.37)	62 (22.9)
Fire	219	0 (0.00)	33 (15.1)
Police	1,861	3 (0.16)	530 (28.5)
No Emergency Vehicle Involved	271,915	882 (0.32)	59,652 (21.9)

* 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; 1.6% 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

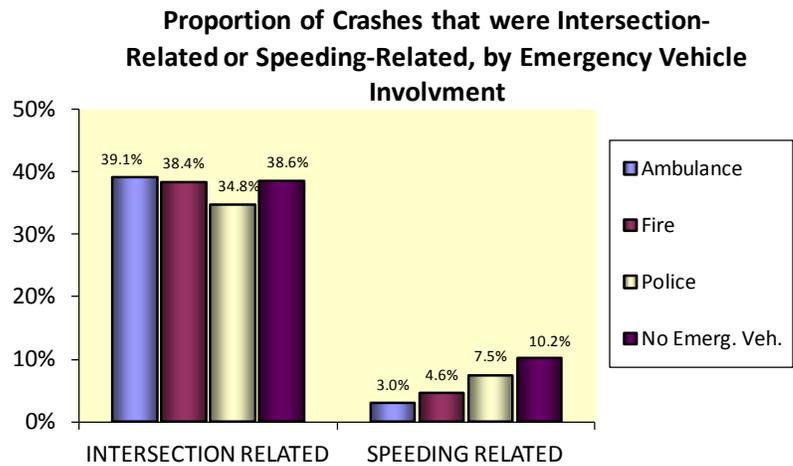
Note: Data as of March 28, 2014; with 274,291 crash records, 511,337 vehicle records and 649,023 person records.

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 (860 of 2,376, or 36.2%) as other crashes (105,047 of 271,915, or 38.6%).
- They were slightly less likely to be speeding-related[§] (162 of 2,376, or 6.8%) than other crashes (27,798 of 271,915, or 10.2%).
- Crashes involving emergency vehicles *on call* were more likely to be intersection-related (182 of 312, or 58.3%) than other emergency vehicle crashes (678 of 2,064, or 32.8%) and crashes in which no emergency vehicle was involved (105,047 of 271,915, or 38.6%).
- Crashes involving emergency vehicles *on call* were about as likely to be speeding-related (17 of 312, or 5.4%) as other emergency vehicle crashes (145 of 2,074, or 7.0%) and less likely than crashes in which no emergency vehicle was involved (27,798 of 271,915, or 10.2%).

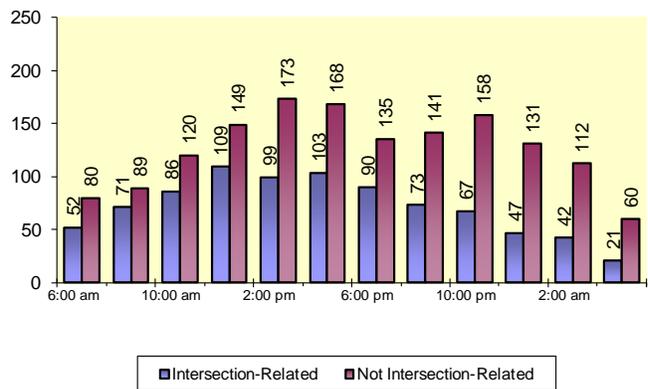


Where emergency vehicle type was known

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.
- 40.0% of emergency vehicle crashes between 6:00 am and 6:00 pm were intersection-related, compared with 31.6% at other hours.

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



Data aggregated in 2-hour increments

Crashes Involving Police Evasion

- 594 crashes in Illinois in 2012 involved drivers trying to evade police vehicles**
- These crashes represent 0.2% of all 274,291 crashes and 5 (0.6%) of all 886 fatal crashes in Illinois in 2012
- 146 (24.6%) of these 594 crashes were also speeding-related

[§] 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 84 (14.1%) of these 594 collisions