

# The Importance of Indoor Location to Emergency Response



The percentage of all 9-1-1 calls that come from mobile phones.

(NENA.org)



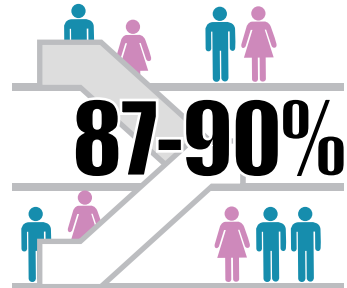
4 out of 10 American Adults live in wireless-only households.

(CTIA.org)



The unreliable percent chance of getting a quick fix on a mobile caller's location.

(USA Today)



The majority of wireless calls now originate indoors<sup>1</sup>, where people spend 87-90% of their time<sup>2</sup>.

<sup>1</sup>FCC Third Further Notice, 29 FCC Rcd at 2387 PP 29 and <sup>2</sup>Nokia



There is a 35% greater mortality rate in cardiac patients when response time is over 4 minutes.

(Blanchard IE, Doig CJ, Hagel BE et al: Emergency medical services response time and mortality in an urban setting. Prehosp Emerg Care. 2012 Jan-Mar;16(1):142-51)



Improvement in indoor location accuracy from using app-level location data from Smart911.

(Rave Mobile Safety testing, May 2015)



The FCC estimate on lives saved per year with proposed location accuracy improvements.

(FCC Fourth Report and Order, Wireless E911 Location Accuracy)



11 minutes, along with the life of a Michigan man, was saved in responding to a house fire where Smart911 Location information was provided.

(ABC News, Good Morning America)