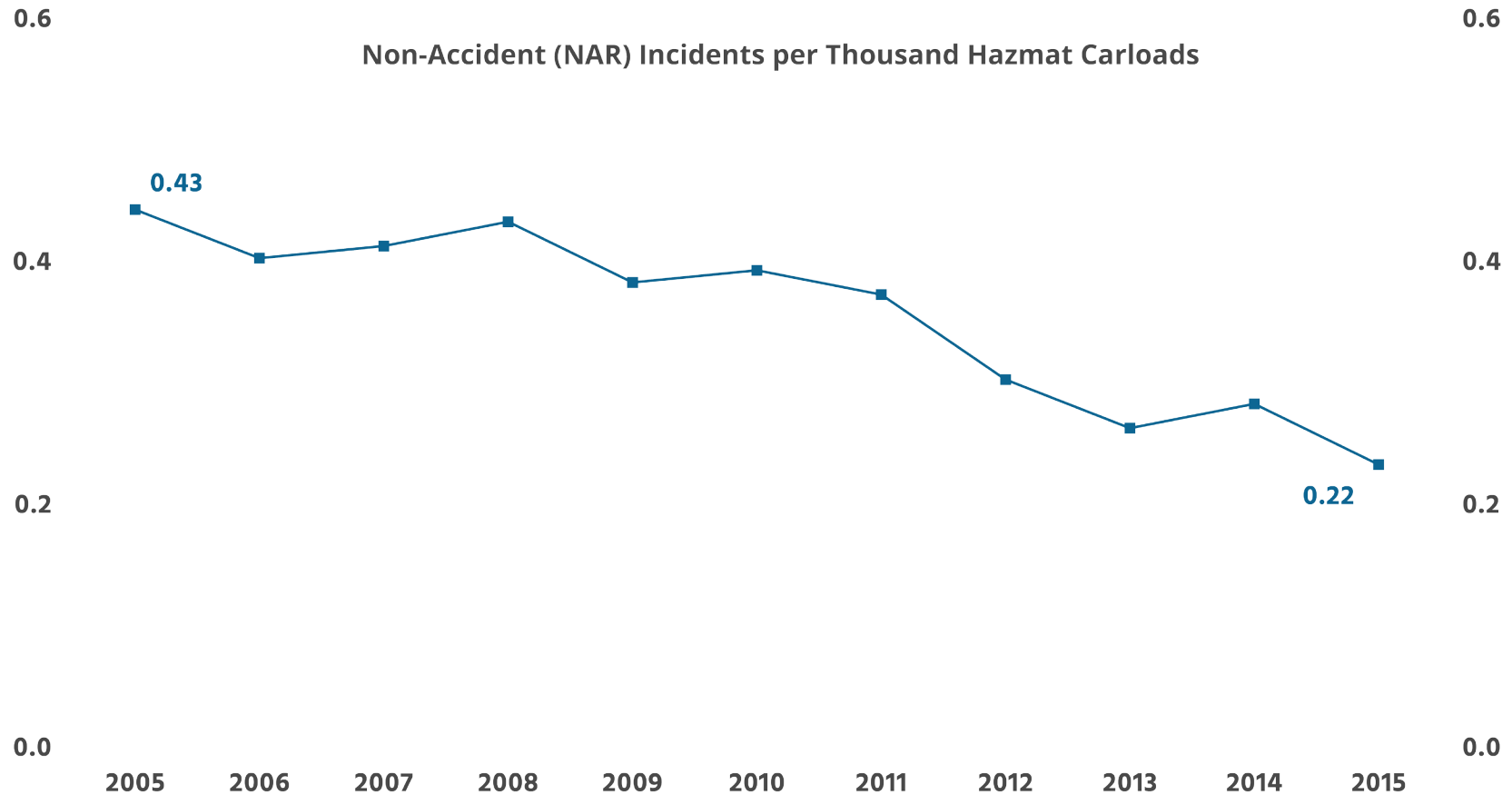


## HAZMAT NON-ACCIDENT RELEASE (NAR) RATES HAVE DECLINED 49% SINCE 2005



Sources: AAR analysis of PHMSA Hazmat database for 2000-2015, as of July 2016. Hazmat carloads of all car types terminated in the US, from ICC/STB Waybill Sample, 2000-2013. 2014 & 2015 carloads terminated from BOE Annual Report, Exhibit 9. STB Carloads adjusted to counter known hazmat code underreporting.