

The Youth Mental Health Crisis is International Unless You Rely on a Flawed International Dataset: Supplement

Researchers Need To Stop Using The Global Burden of Disease Study

By Zach Rausch

I took a look at how GBD suicide estimates compare to national data from England and Australia for two additional comparison points. I found similar post-2010 underestimates (though more accurate for England, but not for Australia):

England Teen Suicide: Office of National Statistics VS. GBD (Ages 15-19)

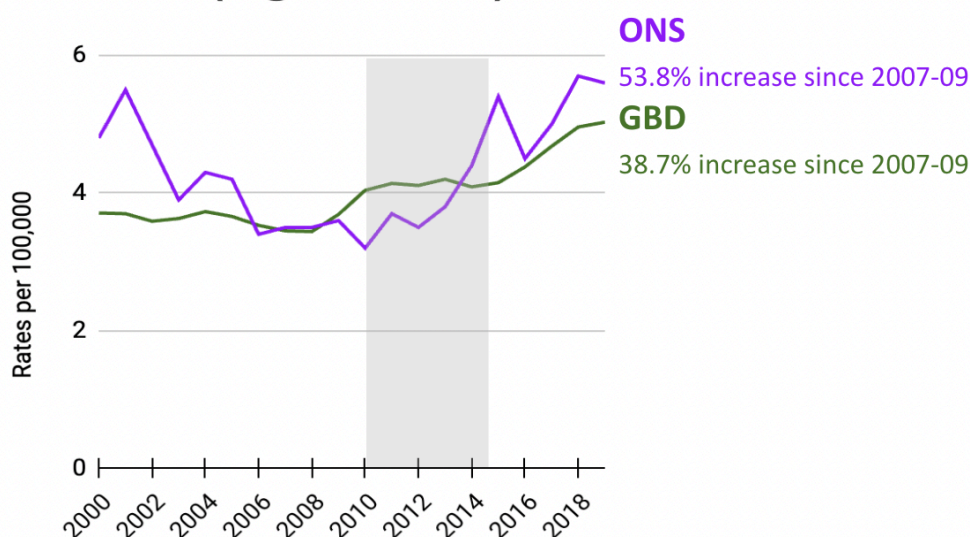


Figure 1. According to the [Office of National Statistics](#), suicide rates fell in the early 2000s and began climbing in the early 2010s. According to GBD estimates, rates were generally steady through the 2000s, with a rise around 2008 and a subsequent rise in 2015 (see Zach's spreadsheet for [ONS data](#)).

Australian Teen Suicide: National Mortality Database VS. GBD (Ages 15-19)

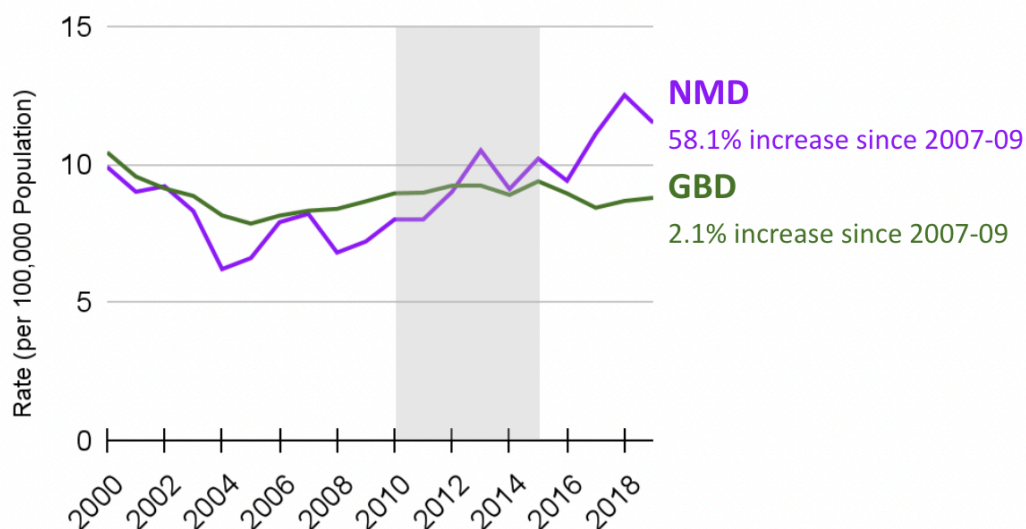


Figure 2. According to the [Australian National Mortality Database](#), suicide rates have been rising since around 2010. According to GBD estimates, rates were generally steady through the 2010s. (see Zach's spreadsheet for [NMD data](#)). Interestingly, like the GBD estimates for the U.S., the GBD estimates for Australian teens diverge the most among boys (not shown in this figure).