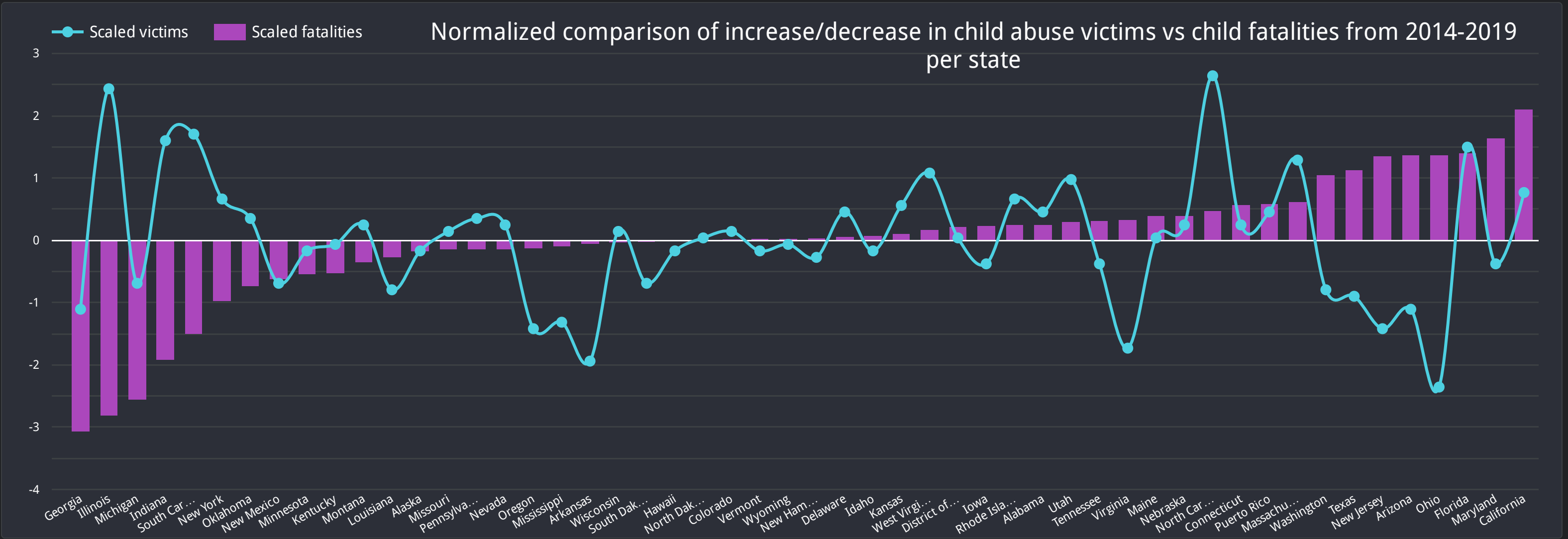


# Does an increase or decrease in the number of child abuse victims per state indicate similar trends in child fatalities over a 5 year period?



In a word:  
No

Due to large variations between datasets (child abuse victims differences range into the thousands per year, while child fatality differences range only from roughly -25 to +25), the data was standardized for data visualization purposes. As can be seen in the chart above, the increase or decrease in child abuse victims over a 5 year period from 2014 to 2019 does not relate to whether there is an increase or decrease in child fatalities over the same time period and in the same state. At the left end of the chart, the state of Illinois shows that there was an overall decreasing trend in number of child fatalities, yet there was an overall increasing trend in number of child abuse victims for the same time period. At the other end of the chart, Ohio showed the opposite effect, with a decreasing trend in child abuse victims, but an overall increasing trend in child fatalities.

Further research could be done over a longer time period, or raw data could be used as opposed to a trend of yearly increases or decreases, but the chart shows no overall relationship between these two factors. Raw (non-standardized) data can be found below.

created by J Schoonmaker, source data found here: <https://healthdata.gov/dataset/national-child-abuse-and-neglect-data-system-ncands-child-file>, additional data processing shown here: <https://github.com/JSchoonmaker/Google-Data-Studio>

