

ABSTRACT

We conducted this project to investigate the trend in the projection of life expectancy in the United States, which was heavily affected by the coronavirus disease 2019 (COVID-19). The study population includes all confirmed cases from 2020 to January 2023 (92,716,056 infected and 240,611,214 uninfected). The Preliminary literature review reported increased risk of death with a relative risk of 1.59 among COVID-19 infected patients. There is concern about the life expectancy of the population of the United States so this project will provide further insight on long-term care of post COVID-19 patients, potential risk of long COVID and long-term impact of a global pandemic.

Keywords: SARS-CoV-2, COVID-19, Coronavirus, Mortality, Life Expectancy