COVID-19 / DESTRUCTION OF THE WASHINGTON STATE ECONOMY

The State of Washington has handled the COVID-19 crisis poorly. New York and other states have performed a large random antibody blood test which began in April 2020. New York City had an infection rate in April of 21%. The antibody detected by this test is the same antibody that is produced by the body when given a vaccine. To make fact-based decisions on how to handle the COVID-19 crisis now moving forward, the State of Washington needs to perform statewide antibody testing.

Based on the data from the NY random antibody test the following are the odds of death for **a <u>healthy</u>** person for various age groups as shown below. The calculations, using NYC agency data, are located below.

> Ages 18-44 = 1 out of 14,290
> Ages 45-64 = 1 out of 1,400
> Ages 65-74 = 1 out of 430
> Ages 75 and over = 1 out of 160

Based on the above, the shutdown of Washington State businesses has been far too extreme. The economic destruction caused by poor decisions will be difficult to recover from. This extreme shut-down made rich companies like Amazon richer by excessively closing down small businesses and possibly permanently putting them out of business which will cause a long-term benefit to companies like Amazon.

<u>Based on the facts and data, people with serious health problems should stay home</u>, which means that they should not go to the grocery store and should have someone buy groceries for them or get groceries delivered. **<u>Based on the NYC data healthy people and especially younger and middle age people should go about their normal life with some social distancing.</u>**

New York did a large random antibody blood test in late April that showed 21% of NYC had already had COVID-19. **<u>Why hasn't the state of Washington done a large random antibody blood test?</u>** The UW school of medicine has a very accurate antibody blood test. Knowing how many people have been infected is very important data that is needed to assess the risk of COVID-19.

Based on the data below and taking into account that less than 10% of people hospitalized for the virus had an underling condition (conservative actual percent is probably less), the odds of a person with **<u>no underlying conditions</u>** dying from the virus are as follows:
Age 18-44 = 1,429(100%/10%) = 1 out of 14,290
Age 45-64 = 140(100%/10%) = 1 out of 1,400
Age 65-74 = 43(100%/10%) = 1 out of 430
Age 75 and over = 16(100%/10%) = 1 out of 160

My death data is taken on 5/6/2020 from the below site, NYC deaths per 100,000 of population, see attachment (my analysis is conservative because on April 23 when the NYC antibody study was done the number of deaths was lower than I used in my calculations):
https://www1.nyc.gov/site/doh/covid/covid-19-data.page
see the attached pdf of a screen shot taken on 5/6/2020

From the below NY times story on April 23, 21% of NYC has had the virus:
https://www.nytimes.com/2020/04/23/nyregion/coronavirus-antibodies-test-ny.html

If 100% of the NYC population got the virus, factor = 100%/21% = 4.7619

If 100% of the NYC population got the virus the death rate for different ages is calculated below (page 2):

Age 18-44
Death per 100,000 on 5/6/2020 = 15
Death rate if 100% of age 18-44 got the virus = (15/100,000)(100)(4.76) = .07%. -----> 1 out of 1,429

Age 45-64
Death per 100,000 on 5/6/2020 = 150
Death rate if 100% of age 45-64 got the virus = (150/100,000)(100)(4.76) = .71%. -----> 1 out of 140

Age 65-74
Death per 100,000 on 5/6/2020 = 490
Death rate if 100% of age 65-74 got the virus = (490/100,000)(100)(4.76) = 2.33%. -----> 1 out of 43

Age 75 and over
Death per 100,000 on 5/6/2020 = 1300
Death rate if 100% of age 75 and over got the virus = (1300/100,000)(100)(4.76) = 6.19%. ---> 1 out of 16

Based on the below web sites less than 10% of people hospitalized for the virus did not have an underlying condition (conservative is probably lower than 10%):
https://www.dailywire.com/news/new-study-finds-94-of-virus-patients-in-nyc-hospital-system-had-underlying-conditions
above site claimed 6% did not have an underlying condition

https://www.health.com/condition/infectious-diseases/coronavirus/covid-19-hospitalization
 above site claimed 10% did not have an underlying condition

https://www.dailymail.co.uk/news/article-8130479/99-patients-killed-coronavirus-Italy-existing-illnesses-study-finds.html
 above site claimed 1% did not have an underlying condition