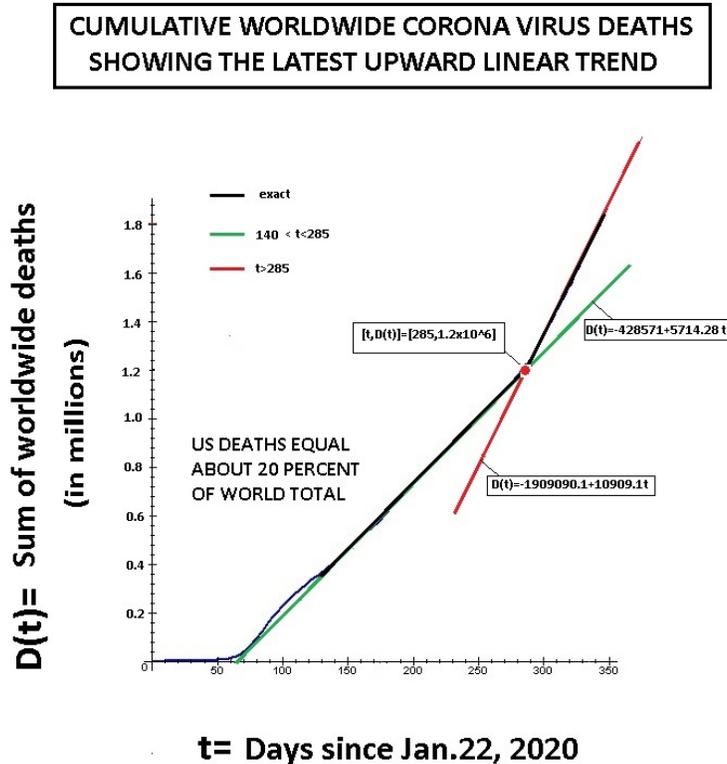


CORONA 19 VIRUS-DAY 358

We have been following the Corona Virus cumulative world deaths $D(t)$ starting on January 22, 2020, the date on which the WHO first declared Covid 19 to be a world-wide pandemic. Today we are in the $t= 358$ th day of this pandemic with two million estimated to have died world-wide. A graph based on daily available data from worldometer produces the following curve of $D(t)$ versus t -



It is clear from the graph that we have been on an accelerated upward trend since November 1 ($t=285$) meaning things are getting worse. Worldwide vaccinations started December 1 but so far the death trend has shown no slowing down. The first indication of an improvement will be found when the slope of the latest linear $D(t)$ approximation curve starts decreasing from a $D(t)/dt$ of 10909. It is not known yet if the latest reported virus strains can be successfully attacked by existing vaccines. In any case, I would urge caution when taking virus shots until a longer trial period has been undertaken. One hears of bad side effects for some of the available vaccines including the possibility of facial paralysis for a small percentage of the inoculated population.

In my opinion, the best approach for combating the Corona Virus is the wearing of face masks at all times when near others. Such an approach seems to have worked very well in China, Hong Kong, and South Korea. Gathering in large crowds such as for sporting

events , educational conferences, and face to face business meetings without the wearing of face masks is asking for trouble.

U.H.Kurzweg
January 15, 2021
Gainesville, Florida