

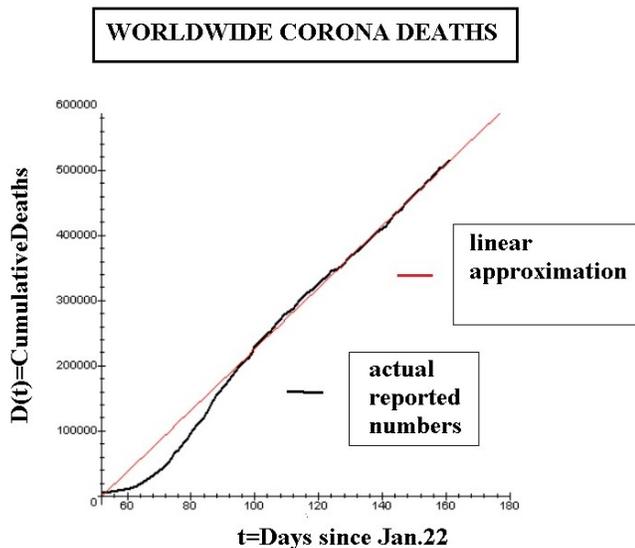
CUMULATIVE WORLD-WIDE DEATHS DUE TO THE CORONA 19 PANDEMIC

It has now been $t=161$ days since the Corona 19 Virus was first declared a world-wide pandemic and the day I started collecting daily data on the cumulative deaths produced by this virus. Most of my information has been obtained from the informative web page-

<https://www.worldometers.info/coronavirus/>

In the six articles which I have written concerning the Corona 19 Virus since that time, one finds constantly changing predictions initially starting with an exponential growth and changing by day $t=90$ to a linear growth with no sign at this point that the cumulative deaths will stop rising anytime soon. Today we have a little over one half million world-wide deaths with the US accounting for a quarter of those. By election day of Nov. 4th the number of US deaths will probably have risen to over a quarter million making a Trump re-election unlikely especially if the economy fails to recover despite of the Federal Reserve's unwarranted money printing and currency debauchment.

We want here to present the latest information on the world-wide cumulative Corona Virus Deaths. Our earlier articles suggest that all one needs to do is record the cumulative number of world-wide deaths $D(t)$ as a function of the number of days t since the pandemic was first declared on January 22. Other data, such as new Corona virus cases, is not that relevant since death rates per new infection varies from date to date and country to country. A graph of $D(t)$ versus t covering the range $1 < t < 161$ follows-



We see that for the first ninety days the cumulative deaths rose exponentially and after that time (t) show a linear relation given approximately by-

$$D(t) = -244,868 + 4709 t$$

Today at $t=161$ we find $D(161)=513,281$ according to the approximation compared to 515,773 for the exact value. The actual values will need to fall below this linear approximation before any slowdown in the virus produced mortalities will occur. At the moment the number of US deaths compared to world-wide sits at $130,122/513,861=0.2532$. So about one-quarter of the world's numbers. I expect this ratio to drop somewhat in coming months since the US is finally listening to their health experts and their views on wearing face masks and social distancing. However the worldwide numbers will keep rising because of other high death Corona 19 spiking countries such as Brazil, Mexico, Iran, and India.

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