The predictions of the COVID-19 growth, PART 2: for the United States in spring 2020 (version 2 with the writing error correction from the version 1)

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NOTE: I used the Mexico City time.

Date: March 10^{th} , 2020 (version 1) \rightarrow March 18^{th} (Version 2)

ABSTRACT

This is the summary of Lee's predictions about COVID-19's infection population in the United States of America. It is the second part of the series. Unless the U.S. government and CDC take actions aggressively nationwide to cut the rampant growth of the virus, at least 0.1 Million Americans will catch COVID-19 by March and at least 10 million infected Americans by sometime April, and almost 100 Millions infected by sometime May 2020. We corrected the error for the prediction for the 10,000 infections from the version 1 (from the context, it is obvious to see the writing error.) In this second version, we included when the U.S. death tolls reach 1 thousand, 10 thousand, 100 thousand, and 1 Million.

The first part consisted of the corona virus growth outside China. The next ones will be the predictions of the virus in Mexico and the other Latin American countries.

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NOTE:

- 1) the version 1 was published on March 10th and the USA infection that day was only 472. The prediction 1 for 10,000 was meant to be between March 16th and March 20th (although I wrote between March 6th and March 10th although the publication day was March 10th already ..) which were 10 days later than what I wrote by error; the reader can clearly see that 10 days difference was a big typing error.)
- 2) from the context also, you can see that I tried to predict for the 10k, 100k, 1 million, 10 million infections when to occur.

The predictions of the growth of the total number of the COVID-19 infected people in the United States

- 1) Prediction 1: the total USA COVID-19 infected patients will <u>reach 10,000 between March 19th and March 20th</u>. → NOTE: the version 1 was published on March 10th and the USA infection that day was only 472. The prediction 1 for 10,000 was meant to be between March 16th and March 20th (although I wrote between March 6th and March 10th although the publication day was March 10th already ..) which were 10 days later than what I wrote by error; the reader can clearly see that 10 days difference was a big typing error.)
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 My updated prediction as of now is March 19-21 (basically the same as what I meant to write in the version 1.)
- 2) Prediction 2 (a bit conservatively): the total USA COVID-19 infected patients <u>will reach 0.1</u>

 <u>Million</u> between March 26th and March 30st.
- 3) Prediction 3 (unless the government and CDC take the consistent and aggressive actions): the total USA COVID-19 infected patients may reach $\underline{\mathbf{1}}$ Million infected patients between April $\mathbf{2}^{\text{nd}}$ and April $\mathbf{10}^{\text{th}}$.
- 4) Prediction 4 (unless the government and CDC take the consistent and aggressive actions): the total USA COVID-19 infected patients may reach <u>10 Million infected</u> between April 13th and April 25th.
- 5) Prediction 5 (unless the government and CDC take the consistent and aggressive actions): the total USA COVID-19 infected patients may reach almost **100 Million infected** between by sometime May 2020.

The predictions of the growth of the total number of the COVID-19 deaths in the United States

- 1) Prediction 6: the total USA COVID-19 death toll <u>will reach 1,000</u> between March 29th and April 1st.
- 2) Prediction 7: the total USA death toll will reach 10,000 between April 10rd and April 15th.
- 3) Prediction 8: the total USA death toll will <u>reach 0.1 Million</u> between April 20rd and April 27 (unless the U.S. government and CDC take the radical measures to reduce the infections).

4)	Prediction 9: the total USA death toll will <u>reach 1 Million</u> in mid-May (around May 15 th) unless the U.S. government and CDC take the radical measures to reduce the infections).