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.

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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 10\textsuperscript{th} and the USA infection that day was only 472. The prediction 1 for 10,000 was meant to be between March 16\textsuperscript{th} and March 20\textsuperscript{th} (although I wrote between March 6\textsuperscript{th} and March 10\textsuperscript{th} although the publication day was March 10\textsuperscript{th} 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 \textbf{reach 10,000 between March 19\textsuperscript{th} and March 20\textsuperscript{th}}. \textbf{\rightarrow NOTE: the version 1 was published on March 10\textsuperscript{th} and the USA infection that day was only 472. The prediction 1 for 10,000 was meant to be between March 16\textsuperscript{th} and March 20\textsuperscript{th}} (although I wrote between March 6\textsuperscript{th} and March 10\textsuperscript{th} although the publication day was March 10\textsuperscript{th} 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.)

   a. \textbf{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 will \textbf{reach 0.1 Million} between March 26\textsuperscript{th} and March 30\textsuperscript{th}.

3) Prediction 3 (unless the government and CDC take the consistent and aggressive actions): the total USA COVID-19 infected patients may reach \textbf{1 Million infected patients} between April 2\textsuperscript{nd} and April 10\textsuperscript{th}.

4) Prediction 4 (unless the government and CDC take the consistent and aggressive actions): the total USA COVID-19 infected patients may reach \textbf{10 Million infected} between April 13\textsuperscript{th} and April 25\textsuperscript{th}.

5) Prediction 5 (unless the government and CDC take the consistent and aggressive actions): the total USA COVID-19 infected patients may reach almost \textbf{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 will \textbf{reach 1,000} between March 29\textsuperscript{th} and April 1\textsuperscript{st}.

2) Prediction 7: the total USA death toll will \textbf{reach 10,000} between April 10\textsuperscript{th} and April 15\textsuperscript{th}.

3) Prediction 8: the total USA death toll will \textbf{reach 0.1 Million} between April 20\textsuperscript{th} 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 reach **1 Million** in mid-May (around May 15\textsuperscript{th}) unless the U.S. government and CDC take the radical measures to reduce the infections.