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| **TABLE 1**  **FORECASTS OF CORONAVIRUS CASES AND DEATHS** | | | | |
|  | **USA** | | **NEW YORK STATE** | |
| **Date** | **Accumulated Total Cases** | **Accumulated Total Deaths** | **Accumulated Total Cases** | **Accumulated**  **Total Deaths** |
| 13-Jul  14-Jul  15-Jul  16-Jul  17-Jul  18-Jul  19-Jul  20-Jul  21-Jul  22-Jul  23-Jul  24-Jul  25-Jul  26-Jul  27-Jul  28-Jul  29-Jul  30-Jul  **31-Jul** | 3,472,124  3,531,242  3,591,367  3,652,516  3,714,706  3,777,954  3,842,280  3,900,555  3,959,714  4,019,770  4,080,737  4,142,629  4,205,459  4,269,242  4,326,920  4,385,377  4,444,624  4,504,671  **4,565,530** | 138,586  139,403  140,235  141,080  141,940  142,815  143,704  144,576  145,460  146,358  147,270  148,196  149,135  150,089  151,022  151,968  152,926  153,898  **154,882** | 402,357  403,010  403,663  404,317  404,973  405,629  406,287  406,939  407,592  408,246  408,901  409,557  410,215  410,873  411,526  412,179  412,834  413,490  **414,147** | 24,990  25,001  25,011  25,022  25,033  25,044  25,055  25,066  25,076  25,087  25,098  25,109  25,120  25,131  25,142  25,153  25,164  25,175  **25,186** |

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| **TABLE 1---Continued**  **FORECASTS OF CORONAVIRUS CASES AND DEATHS** | | | | |
|  | **USA** | | **NEW YORK STATE** | |
| **Date** | **Accumulated Total Cases** | **Accumulated Total Deaths** | **Accumulated Total Cases** | **Accumulated**  **Total Deaths** |
| 1-Aug  2-Aug  3-Aug  4-Aug  5-Aug  6-Aug  7-Aug  8-Aug  9-Aug  10-Aug  11-Aug  12-Aug  13-Aug  14-Aug  15-Aug  16-Aug  17-Aug  18-Aug  19-Aug  20-Aug  21-Aug  22-Aug  23-Aug  24-Aug  25-Aug  26-Aug  27-Aug  28-Aug  29-Aug  30-Aug  **31-Aug** | 4,627,211  4,689,725  4,746,163  4,803,280  4,861,085  4,919,585  4,978,789  5,038,706  5,099,344  5,154,008  5,209,258  5,265,101  5,321,542  5,378,588  5,436,246  5,494,522  5,546,989  5,599,957  5,653,430  5,707,415  5,761,915  5,816,935  5,872,480  5,922,431  5,972,807  6,023,611  6,074,847  6,126,519  6,178,631  6,231,186  **6,278,398** | 155,880  156,891  157,879  158,879  159,890  160,914  161,950  162,999  164,060  165,096  166,142  167,199  168,268  169,349  170,441  171,544  172,620  173,705  174,801  175,908  177,025  178,152  179,291  180,399  181,517  182,644  183,780  184,927  186,083  187,248  **188,382** | 414,805  415,464  416,117  416,771  417,427  418,083  418,740  419,399  420,058  420,712  421,367  422,023  422,680  423,338  423,997  424,657  425,311  425,967  426,623  427,281  427,939  428,598  429,259  429,914  430,569  431,226  431,884  432,543  433,203  433,863  **434,518** | 25,197  25,208  25,219  25,230  25,241  25,252  25,264  25,275  25,286  25,297  25,308  25,319  25,330  25,342  25,353  25,364  25,375  25,387  25,398  25,409  25,420  25,432  25,443  25,454  25,466  25,477  25,489  25,500  25,511  25,523  **25,534** |

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|  | **FORECAST ACCURACY**  **USA** | | | |
| **Accumulated Total Cases** | | **Accumulated Total Deaths** | |
| **Date** | **Actual** | **Forecast** | **Actual** | **Forecast** |
| April 30  May 1  May 2  May 3  4-May  5-May  6-May  7-May  8-May  9-May  10-May  ……..  21-Jun  22-Jun  23-Jun  24-Jun  25-Jun  26-Jun  27-Jun  28-Jun  29-Jun  30-Jun  1-Jul  2-Jul  3-Jul  4-Jul  5-Jul  6-Jul  7-Jul  8-Jul  9-Jul  10-Jul  11-Jul  12-Jul | 1,098,526  1,134,616  1,164,432  1,191,826  1,216,556  1,241,392  1,266,907  1,296,488  1,325,372  1,315,922  1,372,703  ……..  2,359,439  2,390,953  2,426,991  2,465,403  2,505,615  2,552,956  2,596,537  2,637,077  2,681,811  2,728,856  2,779,953  2,835,684  2,890,588  2,938,398  2,990,247  3,041,084  3,097,084  3,158,932  3,219,999  3,293,927  3,355,646  3,413,995  **MAPE** | 1,088,033  1,112,407  1,137,326  1,162,803  1,208,904  1,230,050  1,251,566  1,273,458  1,295,733  1,318,398  1,341,459  ……..  2,318,174  2,383,575  2,410,800  2,438,336  2,466,187  2,494,356  2,522,847  2,551,663  2,675,382  2,714,243  2,753,668  2,793,666  2,834,246  2,875,414  2,917,181  3,030,562  3,078,957  3,128,125  3,178,078  3,228,829  3,280,390  3,332,775  **1.24%** | 63,856  65,753  67,444  68,598  69,921  72,271  74,799  76,928  78,615  80,037  80,787  ……..  122,265  124,634  125,505  126,324  126,977  127,640  128,152  128,437  129,358  130,122  130,798  131,485  132,064  132,318  132,601  132,979  133,972  134,822  135,822  136,671  137,402  137,782  **MAPE** | 63,896  66,187  68,529  70,923  69,458  70,333  71,224  72,130  73,052  73,990  74,944  ……..  119,975  122,950  123,662  124,381  125,109  125,845  126,589  127,342  128,722  129,405  130,098  130,802  131,515  132,239  132,973  133,155  133,750  134,355  134,969  135,593  136,227  136,872  **1.49%** |
| **Note**: Forecasts are revised every week. | | | | |

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|  | **FORECAST ACCURACY**  **NEW YORK** | | | |
| **Date** | **Accumulated Total Cases** | | **Accumulated Total Deaths** | |
| **Actual** | **Forecast** | **Actual** | **Forecast** |
| April 30  May 1  May 2  May 3  4-May  5-May  6-May  7-May  8-May  9-May  10-May  ……..  21-Jun  22-Jun  23-Jun  24-Jun  25-Jun  26-Jun  27-Jun  28-Jun  29-Jun  30-Jun  1-Jul  2-Jul  3-Jul  4-Jul  5-Jul  6-Jul  7-Jul  8-Jul  9-Jul  10-Jul  11-Jul  12-Jul | 304,372  308,314  312,977  316,415  318,953  321,192  323,978  327,649  330,407  333,122  335,395  ……..  387,936  388,488  389,085  389,666  390,415  391,220  391,923  392,539  392,930  393,454  394,079  394,954  395,872  396,598  397,131  397,649  398,237  398,929  399,513  400,299  401,029  401,706  **MAPE** | 303,917  308,203  312,549  316,957  318,750  321,110  323,488  325,883  328,297  330,728  333,177  ……..  388,670  388,364  388,993  389,624  390,255  390,887  391,521  392,155  393,150  393,761  394,374  394,987  395,602  396,217  396,833  397,444  398,056  398,669  399,283  399,897  400,513  401,130  **0.24%** | 18,321  18,610  18,909  19,189  19,415  19,645  19,877  20,828  21,045  21,271  21,478  ……..  24,725  24,739  24,766  24,782  24,800  24,814  24,830  24,835  24,842  24,855  24,866  24,877  24,885  24,896  24,904  24,913  24,924  24,934  24,959  24,968  24,974  24,979  **MAPE** | 18,015  18,349  18,687  19,031  19,398  19,608  19,820  20,033  20,248  20,465  20,683  ……..  24,844  24,750  24,775  24,800  24,825  24,850  24,875  24,900  24,851  24,867  24,882  24,898  24,914  24,930  24,946  24,914  24,924  24,934  24,944  24,954  24,964  24,974  **0.58%** |
| **Note**: Forecasts are revised every week. | | | | |