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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-Jul14-Jul15-Jul16-Jul17-Jul18-Jul19-Jul20-Jul21-Jul22-Jul23-Jul24-Jul25-Jul26-Jul27-Jul28-Jul29-Jul30-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-Aug2-Aug3-Aug4-Aug5-Aug6-Aug7-Aug8-Aug9-Aug10-Aug11-Aug12-Aug13-Aug14-Aug15-Aug16-Aug17-Aug18-Aug19-Aug20-Aug21-Aug22-Aug23-Aug24-Aug25-Aug26-Aug27-Aug28-Aug29-Aug30-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 30May 1May 2May 34-May5-May6-May7-May8-May9-May10-May……..21-Jun22-Jun23-Jun24-Jun25-Jun26-Jun27-Jun28-Jun29-Jun30-Jun1-Jul2-Jul3-Jul4-Jul5-Jul6-Jul7-Jul8-Jul9-Jul10-Jul11-Jul12-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  2,990,2473,041,084  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  ……..2,318,1742,383,575  2,410,800  2,438,336  2,466,187  2,494,356  2,522,847  2,551,6632,675,382  2,714,243  2,753,668  2,793,666  2,834,246  2,875,414  2,917,1813,030,562  3,078,957  3,128,125  3,178,078  3,228,829  3,280,390  3,332,775**1.24%** | 63,85665,75367,44468,59869,92172,27174,79976,92878,61580,03780,787…….. 122,265124,634  125,505  126,324  126,977  127,640  128,152  128,437129,358  130,122  130,798  131,485  132,064  132,318  132,601132,979  133,972  134,822  135,822  136,671  137,402  137,782**MAPE** | 63,89666,18768,52970,92369,45870,33371,22472,13073,05273,99074,944……..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 30May 1May 2May 34-May5-May6-May7-May8-May9-May10-May……..21-Jun22-Jun23-Jun24-Jun25-Jun26-Jun27-Jun28-Jun29-Jun30-Jun1-Jul2-Jul3-Jul4-Jul5-Jul6-Jul7-Jul8-Jul9-Jul10-Jul11-Jul12-Jul | 304,372308,314312,977316,415318,953321,192323,978327,649330,407333,122335,395…….. 387,936388,488  389,085  389,666  390,415  391,220  391,923  392,539392,930  393,454  394,079  394,954  395,872  396,598  397,131397,649  398,237  398,929  399,513  400,299  401,029  401,706**MAPE** | 303,917308,203312,549316,957318,750321,110323,488325,883328,297330,728333,177…….. 388,670388,364  388,993  389,624  390,255  390,887  391,521  392,155 393,150393,761394,374394,987395,602396,217396,833397,444  398,056  398,669  399,283  399,897  400,513  401,130**0.24%** | 18,32118,61018,90919,18919,41519,64519,87720,82821,04521,27121,478……..24,72524,739  24,766  24,782  24,800  24,814  24,830  24,83524,842  24,855  24,866  24,877  24,885  24,896  24,90424,913  24,924  24,934  24,959  24,968  24,974  24,979**MAPE** | 18,01518,34918,68719,03119,39819,60819,82020,03320,24820,46520,683…….. 24,844 24,750  24,775  24,800  24,825  24,850  24,875  24,90024,851  24,867  24,882  24,898  24,914  24,930  24,94624,914  24,924  24,934  24,944  24,954  24,964  24,974 **0.58%** |
| **Note**: Forecasts are revised every week.  |