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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**  |
| 14-Sep15-Sep16-Sep17-Sep18-Sep19-Sep20-Sep21-Sep22-Sep23-Sep24-Sep25-Sep26-Sep27-Sep28-Sep29-Sep30-Sep1-Oct2-Oct3-Oct4-Oct5-Oct6-Oct7-Oct8-Oct9-Oct10-Oct11-Oct12-Oct13-Oct14-Oct15-Oct | 6,746,629  6,778,698  6,814,094  6,849,674  6,885,441  6,921,393  6,957,534  6,992,657  7,027,957  7,063,436  7,099,093  7,134,930  7,170,949  7,207,149  7,242,324  7,277,670  7,313,189  7,348,881  7,384,748  7,420,789  7,457,006  7,492,192  7,527,543  7,563,062  7,598,748  7,634,602  7,670,625  7,706,819  7,741,975  7,777,292  7,812,770  7,848,410  | 199,271  200,027  200,787  201,550  202,318  203,090  203,866  204,627  205,392  206,161  206,933  207,710  208,491  209,276  210,045  210,818  211,594  212,375  213,160  213,948  214,741  215,518  216,298  217,082  217,870  218,662  219,457  220,257  221,040  221,827  222,617  223,411 | 444,550  445,641  446,336  447,031  447,728  448,425  449,124  449,817  450,511  451,206  451,903  452,600  453,298  453,998  454,691  455,386  456,082  456,779  457,477  458,176  458,876  459,570  460,265  460,962  461,659  462,358  463,057  463,758  464,452  465,148  465,845  466,543 | 25,419  25,399  25,403  25,408  25,412  25,417  25,421  25,426  25,430  25,435  25,439  25,444  25,448  25,453  25,457  25,462  25,467  25,471  25,476  25,480  25,485  25,489  25,494  25,499  25,503  25,508  25,512  25,517  25,522  25,526  25,531  25,536 |

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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**  |
| 16-Oct17-Oct18-Oct19-Oct20-Oct21-Oct22-Oct23-Oct24-Oct25-Oct26-Oct27-Oct28-Oct29-Oct30-Oct31-Oct1-Nov2-Nov3-Nov4-Nov5-Nov6-Nov7-Nov8-Nov | 7,884,212  7,920,178  7,956,308  7,991,397  8,026,641  8,062,041  8,097,596  8,133,309  8,169,179  8,205,207  8,240,192  8,275,326  8,310,611  8,346,045  8,381,631  8,417,369  8,453,258  8,488,104  8,523,094  8,558,228  8,593,506  8,628,930  8,664,500  **8,700,217** | 224,209  225,011  225,816  226,605  227,398  228,194  228,993  229,796  230,603  231,414  232,207  233,005  233,805  234,609  235,417  236,228  237,043  237,841  238,642  239,446  240,254  241,065  241,880  242,698 | 467,242  467,942  468,643  469,338  470,035  470,732  471,430  472,130  472,830  473,532  474,227  474,924  475,622  476,320  477,020  477,721  478,423  479,119  479,815  480,513  481,212  481,912  482,613  **483,316** | 25,540  25,545  25,550  25,554  25,559  25,564  25,568  25,573  25,578  25,582  25,587  25,592  25,597  25,601  25,606  25,611  25,616  25,620  25,625  25,630  25,635  25,639  25,644  **25,649** |

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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-May11-May12-May13-May14-May15-May16-May17-May18-May19-May20-May21-May22-May23-May24-May | 1,095,0231,131,0301,160,7741,188,1221,212,8351,237,6331,263,0921,292,6231,321,7851,347,3091,367,6381,385,834  1,408,636  1,430,348  1,457,593  1,484,285  1,507,773  1,527,6641,550,294  1,570,583  1,592,723  1,620,897  1,644,899  1,666,828  1,686,436**MAPE** | 1,088,033 1,112,407 1,137,326 1,162,8031,208,9041,230,0501,251,5661,273,4581,295,7331,318,398 1,341,4591,388,661  1,410,008  1,431,682  1,453,690  1,476,036  1,498,726  1,521,764 1,546,767  1,566,108  1,585,692  1,605,520  1,625,596  1,645,923  1,666,505**0.94%** | 63,85665,75367,44468,59869,92172,27174,79976,92878,61580,03780,78781,795  83,425  85,197  86,912  88,895  90,113  90,97891,981  93,533  94,936  96,354  97,647  98,683  99,300**MAPE** | 63,89666,18768,52970,923694587033371224721307305273990749448227183777853078686088437900389166492,348  93,735  95,139  96,561  98,001  99,459  100,935**1.93%** |
| **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-May11-May12-May13-May14-May15-May16-May17-May18-May19-May20-May21-May22-May23-May24-May | 304,372308,314312,977316,415318,953321,192323,978327,649330,407333,122335,395337,055  338,485  340,661  343,051  345,813  348,232  350,121351,371  352,845  354,370  356,458  358,154  359,926  361,515**MAPE** | 303,917308,203312,549316,957318,750321,110323,488325,883328,297330,728333,177336,646  337,901  339,160  340,423  341,692  342,965  344,243351,520  352,925  354,336  355,752  357,174  358,602  360,035**0.42%** | 18,32118,61018,90919,18919,41519,64519,87720,82821,04521,27121,47821,640  21,845  22,013  22,170  22,304  22,478  22,61922,729  22,843  22,976  23,083  23,195  23,282  23,391**MAPE** | 18,01518,34918,68719,03119,39819,60819,82020,03320,24820,46520,68321,730  21,984  22,238  22,493  22,749  23,006  23,26422,725  22,832  22,939  23,046  23,154  23,262  23,371 **1.29%** |
| **Note**: Forecasts are revised every week.  |