

Dec 20, 20 1:02

## covid19-SummaryReport\_2020-12-20.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-19 :: 2020-12-20 01:02:33
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 76289042

|    | Country.Region | Province.State | Totals   | GlobalPerc | LastDayChange | t-2    | t-3    | t-7    | t-14   | t-30   |
|----|----------------|----------------|----------|------------|---------------|--------|--------|--------|--------|--------|
| 1  | US             |                | 17655591 | 23.14      | 196295        | 249709 | 236211 | 191142 | 180744 | 196450 |
| 2  | India          |                | 10031223 | 13.15      | 26624         | 25152  | 22890  | 27071  | 32981  | 46232  |
| 3  | Brazil         |                | 7213155  | 9.46       | 50177         | 52544  | 69826  | 21825  | 26363  | 38397  |
| 4  | Russia         |                | 2792615  | 3.66       | 27772         | 28116  | 27787  | 27651  | 28701  | 24059  |
| 5  | France         |                | 2458839  | 3.22       | 17102         | 15674  | 18080  | 25435  | 10949  | 22862  |
| 6  | Turkey         |                | 2004285  | 2.63       | 22195         | 26410  | 27515  | 26919  | 30402  | 5103   |
| 7  | United Kingdom |                | 2004219  | 2.63       | 27052         | 28507  | 35383  | 18447  | 17271  | 20252  |
| 8  | Italy          |                | 1938083  | 2.54       | 16305         | 15401  | 18233  | 17937  | 18887  | 37239  |
| 9  | Spain          |                | 1797236  | 2.36       | 0             | 11815  | 12131  | 0      | 0      | 15156  |
| 10 | Argentina      |                | 1537169  | 2.01       | 5795          | 7002   | 7326   | 3558   | 3278   | 9608   |
| 11 | Germany        |                | 1508518  | 1.98       | 21679         | 32830  | 30179  | 14709  | 10910  | 22593  |
| 12 | Colombia       |                | 1496062  | 1.96       | 13990         | 13277  | 12196  | 8702   | 8854   | 7954   |
| 13 | Mexico         |                | 1313675  | 1.72       | 12129         | 12248  | 11799  | 8608   | 7455   | 6426   |
| 14 | Poland         |                | 1194110  | 1.57       | 11246         | 11010  | 11953  | 8976   | 9176   | 22464  |
| 15 | Iran           |                | 1152072  | 1.51       | 6421          | 7121   | 7453   | 7451   | 11561  | 13260  |

Global Perc. Average: 0.37 (sd: 1.77)

Global Perc. Average in top 15 : 4.9 (sd: 6.01)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-12-19 :: 2020-12-20 01:02:33
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1685526

|    | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2  | t-3  | t-7  | t-14 | t-30 |
|----|----------------|----------------|--------|------|---------------|------|------|------|------|------|
| 1  | US             |                | 316159 | 1.79 | 2571          | 2814 | 3345 | 1389 | 1122 | 1896 |
| 2  | Brazil         |                | 186356 | 2.58 | 706           | 823  | 1092 | 279  | 313  | 552  |
| 3  | India          |                | 145477 | 1.45 | 341           | 347  | 338  | 336  | 391  | 564  |
| 4  | Mexico         |                | 117876 | 8.97 | 627           | 762  | 718  | 249  | 261  | 719  |
| 5  | Italy          |                | 68447  | 3.53 | 553           | 674  | 683  | 484  | 564  | 699  |
| 6  | United Kingdom |                | 67075  | 3.35 | 534           | 489  | 532  | 144  | 231  | 511  |
| 7  | France         |                | 60056  | 2.44 | 187           | 610  | 258  | 344  | 174  | 1138 |
| 8  | Iran           |                | 53448  | 4.64 | 175           | 178  | 212  | 247  | 294  | 479  |
| 9  | Russia         |                | 49744  | 1.78 | 574           | 602  | 574  | 481  | 447  | 455  |
| 10 | Spain          |                | 48926  | 2.72 | 0             | 149  | 181  | 0    | 0    | 328  |
| 11 | Argentina      |                | 41763  | 2.72 | 91            | 138  | 169  | 98   | 138  | 258  |
| 12 | Colombia       |                | 40268  | 2.69 | 249           | 232  | 227  | 187  | 175  | 168  |
| 13 | Peru           |                | 36858  | 3.73 | 0             | 0    | 104  | 0    | 36   | 129  |
| 14 | Germany        |                | 26171  | 1.73 | 417           | 727  | 754  | 206  | 150  | 256  |

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15 Poland 25254 2.11 483 426 431 188 228 626

```
#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-19 :: 2020-12-20 01:02:34
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 256
```

Worldwide ts-recovered Totals: 43023052

|    | Country.Region | Province.State | Totals  | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1  | India          |                | 9580402 | 29690         | 29885 | 31087 | 30695 | 39109 | 49715 |
| 2  | Brazil         |                | 6388938 | 65983         | 21408 | 62355 | 60062 | 1819  | 24830 |
| 3  | Russia         |                | 2233060 | 25662         | 25702 | 25854 | 20177 | 21270 | 24407 |
| 4  | Turkey         |                | 1779068 | 25516         | 31945 | 30494 | 22215 | 4011  | 3019  |
| 5  | Argentina      |                | 1362617 | 5862          | 4199  | 4642  | 5157  | 5907  | 10305 |
| 6  | Colombia       |                | 1362543 | 8522          | 10202 | 7653  | 4411  | 7708  | 6188  |
| 7  | Italy          |                | 1249470 | 23384         | 22272 | 27913 | 16270 | 17186 | 21035 |
| 8  | Germany        |                | 1107115 | 11133         | 17038 | 22467 | 14776 | 15705 | 16819 |
| 9  | Mexico         |                | 971115  | 8718          | 8635  | 8089  | 6716  | 6543  | 4367  |
| 10 | Peru           |                | 930410  | 2191          | 4099  | 0     | 0     | 3696  | 0     |
| 11 | Poland         |                | 927723  | 12147         | 12227 | 10699 | 18354 | 18810 | 19914 |
| 12 | Iran           |                | 875943  | 10469         | 8961  | 12083 | 11417 | 11090 | 5321  |
| 13 | South Africa   |                | 787782  | 3964          | 3505  | 5728  | 893   | 482   | 4496  |
| 14 | Ukraine        |                | 596218  | 13761         | 13257 | 13525 | 7663  | 6120  | 8196  |
| 15 | Chile          |                | 554333  | 2044          | 1089  | 1348  | 1746  | 1539  | 1053  |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-20 :: 2020-12-20 01:02:34
#####
```

Number of Countries/Regions reported: 189  
Number of Cities/Provinces reported: 575  
Unique number of distinct geographical locations combined: 3964

|    | Location                | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active  | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|
| 1  | France                  | 2458839   | 3.22           | 60056  | 2.44        | 160053    | 6.51           | 2238730 | 91.05       |
| 2  | Turkey                  | 2004285   | 2.63           | 17851  | 0.89        | 1779068   | 88.76          | 207366  | 10.35       |
| 3  | Maharashtra, India      | 1892707   | 2.48           | 48648  | 2.57        | 1781841   | 94.14          | 62218   | 3.29        |
| 4  | England, United Kingdom | 1711738   | 2.24           | 58566  | 3.42        | 0         | 0.00           | 1653172 | 96.58       |
| 5  | Argentina               | 1537169   | 2.02           | 41763  | 2.72        | 1362617   | 88.64          | 132789  | 8.64        |
| 6  | Sao Paulo, Brazil       | 1384100   | 1.81           | 45029  | 3.25        | 1196775   | 86.47          | 142296  | 10.28       |
| 7  | Poland                  | 1194110   | 1.57           | 25254  | 2.11        | 927723    | 77.69          | 241133  | 20.19       |
| 8  | Iran                    | 1152072   | 1.51           | 53448  | 4.64        | 875943    | 76.03          | 222681  | 19.33       |
| 9  | South Africa            | 912477    | 1.20           | 24539  | 2.69        | 787782    | 86.33          | 100156  | 10.98       |
| 10 | Karnataka, India        | 908275    | 1.19           | 12004  | 1.32        | 881882    | 97.09          | 14389   | 1.58        |
| 11 | Andhra Pradesh, India   | 878285    | 1.15           | 7074   | 0.81        | 866856    | 98.70          | 4355    | 0.50        |
| 12 | Tamil Nadu, India       | 805777    | 1.06           | 11968  | 1.49        | 784117    | 97.31          | 9692    | 1.20        |

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|---|--------------------------|--------------------------------------|----------------|--------|-------------|-----------|----------------|---------|-------------|--|
| 13  | Moscow, Russia           | 728637                               | 0.96           | 10317  | 1.42        | 562953    | 77.26          | 155367  | 21.32       |  |
| 14  | Kerala, India            | 700158                               | 0.92           | 2786   | 0.40        | 636814    | 90.95          | 60558   | 8.65        |  |
| 15  | Indonesia                | 657948                               | 0.86           | 19659  | 2.99        | 536260    | 81.50          | 102029  | 15.51       |  |
| =====   |                          |                                      |                |        |             |           |                |         |             |  |
| #####   |                          |                                      |                |        |             |           |                |         |             |  |
| #### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-20 :: 2020-12-20 01:02:34    |                          |                                      |                |        |             |           |                |         |             |  |
| #####   |                          |                                      |                |        |             |           |                |         |             |  |
| Number of Countries/Regions reported: 189   |                          |                                      |                |        |             |           |                |         |             |  |
| Number of Cities/Provinces reported: 575  |                          |                                      |                |        |             |           |                |         |             |  |
| Unique number of distinct geographical locations combined: 3964                                     |                          |                                      |                |        |             |           |                |         |             |  |
| -----   |                          |                                      |                |        |             |           |                |         |             |  |
|   | Location                 | Confirmed                            | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active  | Perc.Active |  |
| 1   | France                   | 2458839                              | 3.22           | 60056  | 2.44        | 160053    | 6.51           | 2238730 | 91.05       |  |
| 2   | England, United Kingdom  | 1711738                              | 2.24           | 58566  | 3.42        | 0         | 0.00           | 1653172 | 96.58       |  |
| 3   | Iran                     | 1152072                              | 1.51           | 53448  | 4.64        | 875943    | 76.03          | 222681  | 19.33       |  |
| 4   | Maharashtra, India       | 1892707                              | 2.48           | 48648  | 2.57        | 1781841   | 94.14          | 62218   | 3.29        |  |
| 5   | Sao Paulo, Brazil        | 1384100                              | 1.81           | 45029  | 3.25        | 1196775   | 86.47          | 142296  | 10.28       |  |
| 6   | Argentina                | 1537169                              | 2.02           | 41763  | 2.72        | 1362617   | 88.64          | 132789  | 8.64        |  |
| 7   | Poland                   | 1194110                              | 1.57           | 25254  | 2.11        | 927723    | 77.69          | 241133  | 20.19       |  |
| 8   | South Africa             | 912477                               | 1.20           | 24539  | 2.69        | 787782    | 86.33          | 100156  | 10.98       |  |
| 9   | Rio de Janeiro, Brazil   | 403660                               | 0.53           | 24454  | 6.06        | 372768    | 92.35          | 6438    | 1.59        |  |
| 10  | Lombardia, Italy         | 457423                               | 0.60           | 24330  | 5.32        | 365440    | 79.89          | 67653   | 14.79       |  |
| 11  | Indonesia                | 657948                               | 0.86           | 19659  | 2.99        | 536260    | 81.50          | 102029  | 15.51       |  |
| 12  | Turkey                   | 2004285                              | 2.63           | 17851  | 0.89        | 1779068   | 88.76          | 207366  | 10.35       |  |
| 13  | Mexico, Mexico           | 132641                               | 0.17           | 17506  | 13.20       | 0         | 0.00           | 115135  | 86.80       |  |
| 14  | Lima, Peru               | 439254                               | 0.58           | 16484  | 3.75        | 0         | 0.00           | 422770  | 96.25       |  |
| 15  | Ciudad de Mexico, Mexico | 287682                               | 0.38           | 15336  | 5.33        | 0         | 0.00           | 272346  | 94.67       |  |
| =====   |                          |                                      |                |        |             |           |                |         |             |  |
| #####   |                          |                                      |                |        |             |           |                |         |             |  |
| #### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-20 :: 2020-12-20 01:02:34 |                          |                                      |                |        |             |           |                |         |             |  |
| #####   |                          |                                      |                |        |             |           |                |         |             |  |
| Number of Countries/Regions reported: 189   |                          |                                      |                |        |             |           |                |         |             |  |
| Number of Cities/Provinces reported: 575  |                          |                                      |                |        |             |           |                |         |             |  |
| Unique number of distinct geographical locations combined: 3964                                     |                          |                                      |                |        |             |           |                |         |             |  |
| -----   |                          |                                      |                |        |             |           |                |         |             |  |
|   | Location                 | Confirmed                            | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active  | Perc.Active |  |
| 1   | Maharashtra, India       | 1892707                              | 2.48           | 48648  | 2.57        | 1781841   | 94.14          | 62218   | 3.29        |  |
| 2   | Turkey                   | 2004285                              | 2.63           | 17851  | 0.89        | 1779068   | 88.76          | 207366  | 10.35       |  |
| 3   | Argentina                | 1537169                              | 2.02           | 41763  | 2.72        | 1362617   | 88.64          | 132789  | 8.64        |  |
| 4   | Sao Paulo, Brazil        | 1384100                              | 1.81           | 45029  | 3.25        | 1196775   | 86.47          | 142296  | 10.28       |  |
| 5   | Poland                   | 1194110                              | 1.57           | 25254  | 2.11        | 927723    | 77.69          | 241133  | 20.19       |  |
| 6   | Karnataka, India         | 908275                               | 1.19           | 12004  | 1.32        | 881882    | 97.09          | 14389   | 1.58        |  |
| 7   | Iran                     | 1152072                              | 1.51           | 53448  | 4.64        | 875943    | 76.03          | 222681  | 19.33       |  |
| 8   | Andhra Pradesh, India    | 878285                               | 1.15           | 7074   | 0.81        | 866856    | 98.70          | 4355    | 0.50        |  |
| 9   | South Africa             | 912477                               | 1.20           | 24539  | 2.69        | 787782    | 86.33          | 100156  | 10.98       |  |
| 10  | Tamil Nadu, India        | 805777                               | 1.06           | 11968  | 1.49        | 784117    | 97.31          | 9692    | 1.20        |  |
| 11  | Kerala, India            | 700158                               | 0.92           | 2786   | 0.40        | 636814    | 90.95          | 60558   | 8.65        |  |
| 12  | Delhi, India             | 615914                               | 0.81           | 10251  | 1.66        | 595305    | 96.65          | 10358   | 1.68        |  |
| 13  | Moscow, Russia           | 728637                               | 0.96           | 10317  | 1.42        | 562953    | 77.26          | 155367  | 21.32       |  |
| 14  | Uttar Pradesh, India     | 573401                               | 0.75           | 8177   | 1.43        | 547631    | 95.51          | 17593   | 3.07        |  |

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|  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
|--|---------------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|--|--|--|--|--|--|
| 15   | Indonesia                       | 657948    | 0.86           | 19659  | 2.99        | 536260    | 81.50          | 102029  | 15.51       |  |  |  |  |  |  |
| =====  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| #####  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| #### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-20 :: 2020-12-20 01:02:34 |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| #####  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| Number of Countries/Regions reported: 189  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| Number of Cities/Provinces reported: 575   |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| Unique number of distinct geographical locations combined: 3964                                  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| -----  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
|  | Location                        | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active  | Perc.Active |  |  |  |  |  |  |
| 1  | France                          | 2458839   | 3.22           | 60056  | 2.44        | 160053    | 6.51           | 2238730 | 91.05       |  |  |  |  |  |  |
| 2  | England, United Kingdom         | 1711738   | 2.24           | 58566  | 3.42        | 0         | 0.00           | 1653172 | 96.58       |  |  |  |  |  |  |
| 3  | Los Angeles, California, US     | 610372    | 0.80           | 8817   | 1.44        | 0         | 0.00           | 601555  | 98.56       |  |  |  |  |  |  |
| 4  | Lima, Peru                      | 439254    | 0.58           | 16484  | 3.75        | 0         | 0.00           | 422770  | 96.25       |  |  |  |  |  |  |
| 5  | Cook, Illinois, US              | 368824    | 0.48           | 7681   | 2.08        | 0         | 0.00           | 361143  | 97.92       |  |  |  |  |  |  |
| 6  | Madrid, Spain                   | 374114    | 0.49           | 11637  | 3.11        | 40736     | 10.89          | 321741  | 86.00       |  |  |  |  |  |  |
| 7  | Catalonia, Spain                | 329175    | 0.43           | 8511   | 2.59        | 26203     | 7.96           | 294461  | 89.45       |  |  |  |  |  |  |
| 8  | Serbia                          | 296528    | 0.39           | 2632   | 0.89        | 0         | 0.00           | 293896  | 99.11       |  |  |  |  |  |  |
| 9  | Maricopa, Arizona, US           | 277071    | 0.36           | 4661   | 1.68        | 0         | 0.00           | 272410  | 98.32       |  |  |  |  |  |  |
| 10   | Ciudad de Mexico, Mexico        | 287682    | 0.38           | 15336  | 5.33        | 0         | 0.00           | 272346  | 94.67       |  |  |  |  |  |  |
| 11   | Miami-Dade, Florida, US         | 272098    | 0.36           | 4050   | 1.49        | 0         | 0.00           | 268048  | 98.51       |  |  |  |  |  |  |
| 12   | Poland                          | 1194110   | 1.57           | 25254  | 2.11        | 927723    | 77.69          | 241133  | 20.19       |  |  |  |  |  |  |
| 13   | Andalusia, Spain                | 252256    | 0.33           | 4723   | 1.87        | 10671     | 4.23           | 236862  | 93.90       |  |  |  |  |  |  |
| 14   | Iran                            | 1152072   | 1.51           | 53448  | 4.64        | 875943    | 76.03          | 222681  | 19.33       |  |  |  |  |  |  |
| 15   | Harris, Texas, US               | 217086    | 0.28           | 3233   | 1.49        | 0         | 0.00           | 213853  | 98.51       |  |  |  |  |  |  |
| =====  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
|  | Confirmed                       | Deaths    | Recovered      | Active |             |           |                |         |             |  |  |  |  |  |  |
| Totals   | 76266305                        | 1666033   | 41116713       | NA     |             |           |                |         |             |  |  |  |  |  |  |
| Average  | 19239.73                        | 420.29    | 10372.53       | NA     |             |           |                |         |             |  |  |  |  |  |  |
| Standard Deviation   | 96955                           | 2477.17   | 72826.17       | NA     |             |           |                |         |             |  |  |  |  |  |  |
| * Statistical estimators computed considering 3964 independent reported entries                  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| *****  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| ***** OVERALL SUMMARY*****   |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| *****  |                                 |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
| ****   | Time Series Worldwide TOTS **** |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
|  | ts-confirmed                    | ts-deaths | ts-recovered   |        |             |           |                |         |             |  |  |  |  |  |  |
|  | 76289042                        | 1685526   | 43023052       |        |             |           |                |         |             |  |  |  |  |  |  |
|  | 2.21%                           | 56.39%    |                |        |             |           |                |         |             |  |  |  |  |  |  |
| ****   | Time Series Worldwide AVGS **** |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
|  | ts-confirmed                    | ts-deaths | ts-recovered   |        |             |           |                |         |             |  |  |  |  |  |  |
|  | 281509.38                       | 6219.65   | 168058.8       |        |             |           |                |         |             |  |  |  |  |  |  |
|  | 2.21%                           | 59.7%     |                |        |             |           |                |         |             |  |  |  |  |  |  |
| ****   | Time Series Worldwide SDS ****  |           |                |        |             |           |                |         |             |  |  |  |  |  |  |
|  | ts-confirmed                    | ts-deaths | ts-recovered   |        |             |           |                |         |             |  |  |  |  |  |  |
|  | 1349265.27                      | 26517.79  | 761707.84      |        |             |           |                |         |             |  |  |  |  |  |  |
|  | 1.97%                           | 56.45%    |                |        |             |           |                |         |             |  |  |  |  |  |  |

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\* Statistical estimators computed considering 271/271/256 independent reported entries per case-type  
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