

Jul 23, 20 13:02

## covid19-SummaryReport\_2020-07-23.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-07-22 :: 2020-07-23 13:02:20
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 15227535

|    | Country.Region | Province.State | Totals  | GlobalPerc | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|------------|---------------|-------|-------|-------|-------|-------|
| 1  | US             |                | 3970906 | 26.08      | 71695         | 64534 | 61417 | 77255 | 63247 | 35188 |
| 2  | Brazil         |                | 2227514 | 14.63      | 67860         | 41008 | 20257 | 45403 | 42619 | 39436 |
| 3  | India          |                | 1238798 | 8.14       | 45720         | 37740 | 37132 | 34975 | 26506 | 15968 |
| 4  | Russia         |                | 787890  | 5.17       | 5850          | 5828  | 5901  | 6415  | 6491  | 7413  |
| 5  | South Africa   |                | 394948  | 2.59       | 13150         | 8170  | 9300  | 13172 | 13674 | 4518  |
| 6  | Peru           |                | 366550  | 2.41       | 4463          | 4406  | 4091  | 3835  | 3537  | 3363  |
| 7  | Mexico         |                | 362274  | 2.38       | 6019          | 6859  | 5172  | 6406  | 7280  | 6288  |
| 8  | Chile          |                | 334683  | 2.20       | 0             | 1654  | 2099  | 2493  | 3133  | 3804  |
| 9  | United Kingdom |                | 296377  | 1.95       | 560           | 445   | 580   | 641   | 642   | 882   |
| 10 | Iran           |                | 281413  | 1.85       | 2586          | 2625  | 2414  | 2500  | 2079  | 2445  |
| 11 | Pakistan       |                | 269191  | 1.77       | 1763          | 1332  | 1013  | 0     | 2751  | 3892  |
| 12 | Spain          |                | 267551  | 1.76       | 1357          | 1358  | 4581  | 1361  | 543   | 248   |
| 13 | Saudi Arabia   |                | 258156  | 1.70       | 2331          | 2476  | 2429  | 2764  | 3183  | 3139  |
| 14 | Italy          |                | 245032  | 1.61       | 280           | 128   | 190   | 230   | 214   | 113   |
| 15 | Turkey         |                | 222402  | 1.46       | 902           | 928   | 931   | 933   | 1024  | 1268  |

Global Perc. Average: 0.38 (sd: 1.95)

Global Perc. Average in top 15 : 5.05 (sd: 6.81)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-07-22 :: 2020-07-23 13:02:21
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-deaths Totals: 623385

|    | Country.Region | Province.State | Totals | Perc  | LastDayChange | t-2  | t-3 | t-7  | t-14 | t-30 |
|----|----------------|----------------|--------|-------|---------------|------|-----|------|------|------|
| 1  | US             |                | 143190 | 3.61  | 1195          | 1082 | 379 | 943  | 990  | 837  |
| 2  | Brazil         |                | 82771  | 3.72  | 1284          | 1367 | 632 | 1322 | 1220 | 1374 |
| 3  | United Kingdom |                | 45501  | 15.35 | 79            | 110  | 12  | 66   | 85   | 171  |
| 4  | Mexico         |                | 41190  | 11.37 | 790           | 915  | 301 | 668  | 730  | 793  |
| 5  | Italy          |                | 35082  | 14.32 | 9             | 15   | 13  | 20   | 12   | 18   |
| 6  | France         |                | 30063  | 14.69 | 7             | -13  | 23  | 17   | 43   | 57   |
| 7  | India          |                | 29861  | 2.41  | 1129          | 650  | 585 | 688  | 475  | 465  |
| 8  | Spain          |                | 28426  | 10.62 | 2             | 2    | 2   | 3    | 5    | 1    |
| 9  | Iran           |                | 14853  | 5.28  | 219           | 229  | 217 | 198  | 221  | 121  |
| 10 | Peru           |                | 13767  | 3.76  | 188           | 195  | 197 | 198  | 181  | 181  |
| 11 | Russia         |                | 12726  | 1.62  | 165           | 153  | 85  | 167  | 176  | 153  |
| 12 | Belgium        |                | 9808   | 15.18 | 3             | 0    | 5   | 7    | 2    | 17   |
| 13 | Germany        |                | 9102   | 4.46  | 3             | 5    | 2   | 7    | 11   | 15   |
| 14 | Chile          |                | 8677   | 2.59  | 0             | 44   | 130 | 104  | 109  | 3    |

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15 Colombia 7373 3.38 207 237 193 215 187 94

```
#####
#### TS-RECOVERED Cases -- Data dated: 2020-07-22 :: 2020-07-23 13:02:21
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 253
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Worldwide ts-recovered Totals: 8641297

|    | Country.Region | Province.State | Totals  | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1  | Brazil         |                | 1591975 | 36636         | 41039 | 55228 | 47433 | 31603 | 26227 |
| 2  | US             |                | 1210849 | 28831         | 21931 | 28966 | 14763 | 15649 | 7350  |
| 3  | India          |                | 782607  | 29557         | 28472 | 24491 | 22989 | 19135 | 10495 |
| 4  | Russia         |                | 571049  | 9652          | 8753  | 3257  | 8426  | 8776  | 12000 |
| 5  | Chile          |                | 306816  | 0             | 2824  | 2198  | 3216  | 3181  | 5173  |
| 6  | Mexico         |                | 270147  | 2740          | 4316  | 8150  | 5313  | 5312  | 4263  |
| 7  | Peru           |                | 252246  | 3500          | 3665  | 3126  | 4594  | 3054  | 3117  |
| 8  | Iran           |                | 244840  | 2489          | 2264  | 2299  | 3047  | 2713  | 2733  |
| 9  | South Africa   |                | 229175  | 21031         | 13279 | 3806  | 4898  | 6219  | 1601  |
| 10 | Pakistan       |                | 213175  | 2707          | 2438  | 2101  | 0     | 3781  | 4283  |
| 11 | Saudi Arabia   |                | 210398  | 3139          | 4000  | 5524  | 4574  | 3046  | 4710  |
| 12 | Turkey         |                | 205214  | 1203          | 1009  | 992   | 1087  | 2879  | 1315  |
| 13 | Italy          |                | 197628  | 197           | 269   | 213   | 230   | 338   | 1159  |
| 14 | Germany        |                | 188628  | 407           | 151   | 670   | 400   | 575   | 682   |
| 15 | Spain          |                | 150376  | 0             | 0     | 0     | 0     | 0     | 0     |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-07-23 :: 2020-07-23 13:02:21
#####
```

Number of Countries/Regions reported: 188  
Number of Cities/Provinces reported: 562  
Unique number of distinct geographical locations combined: 3925

|    | Location                    | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Sao Paulo, Brazil           | 439446    | 2.89           | 20532  | 4.67        | 299647    | 68.19          | 119267 | 27.14       |
| 2  | South Africa                | 394948    | 2.59           | 5940   | 1.50        | 229175    | 58.03          | 159833 | 40.47       |
| 3  | Maharashtra, India          | 337607    | 2.22           | 12556  | 3.72        | 187769    | 55.62          | 137282 | 40.66       |
| 4  | Iran                        | 281413    | 1.85           | 14853  | 5.28        | 244840    | 87.00          | 21720  | 7.72        |
| 5  | Saudi Arabia                | 258156    | 1.69           | 2601   | 1.01        | 210398    | 81.50          | 45157  | 17.49       |
| 6  | England, United Kingdom     | 255038    | 1.67           | 40906  | 16.04       | 0         | 0.00           | 214132 | 83.96       |
| 7  | Metropolitana, Chile        | 247622    | 1.63           | 7096   | 2.87        | 231618    | 93.54          | 8908   | 3.60        |
| 8  | Moscow, Russia              | 235363    | 1.55           | 4350   | 1.85        | 172939    | 73.48          | 58074  | 24.67       |
| 9  | New York City, New York, US | 222444    | 1.46           | 23428  | 10.53       | 0         | 0.00           | 199016 | 89.47       |
| 10 | Turkey                      | 222402    | 1.46           | 5545   | 2.49        | 205214    | 92.27          | 11643  | 5.24        |
| 11 | Bangladesh                  | 213254    | 1.40           | 2751   | 1.29        | 117202    | 54.96          | 93301  | 43.75       |
| 12 | France                      | 204641    | 1.34           | 30063  | 14.69       | 71238     | 34.81          | 103340 | 50.50       |

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|    |                             |        |      |      |      |        |       |        |       |
|----|-----------------------------|--------|------|------|------|--------|-------|--------|-------|
| 13 | Lima, Peru                  | 195959 | 1.29 | 6414 | 3.27 | 0      | 0.00  | 189545 | 96.73 |
| 14 | Tamil Nadu, India           | 186492 | 1.22 | 3144 | 1.69 | 131583 | 70.56 | 51765  | 27.76 |
| 15 | Los Angeles, California, US | 165134 | 1.08 | 4215 | 2.55 | 0      | 0.00  | 160919 | 97.45 |

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-07-23 :: 2020-07-23 13:02:21

#####

Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 562  
 Unique number of distinct geographical locations combined: 3925

|    | Location                    | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | England, United Kingdom     | 255038    | 1.67           | 40906  | 16.04       | 0         | 0.00           | 214132 | 83.96       |
| 2  | France                      | 204641    | 1.34           | 30063  | 14.69       | 71238     | 34.81          | 103340 | 50.50       |
| 3  | New York City, New York, US | 222444    | 1.46           | 23428  | 10.53       | 0         | 0.00           | 199016 | 89.47       |
| 4  | Sao Paulo, Brazil           | 439446    | 2.89           | 20532  | 4.67        | 299647    | 68.19          | 119267 | 27.14       |
| 5  | Lombardia, Italy            | 95633     | 0.63           | 16798  | 17.57       | 71860     | 75.14          | 6975   | 7.29        |
| 6  | Iran                        | 281413    | 1.85           | 14853  | 5.28        | 244840    | 87.00          | 21720  | 7.72        |
| 7  | Maharashtra, India          | 337607    | 2.22           | 12556  | 3.72        | 187769    | 55.62          | 137282 | 40.66       |
| 8  | Rio de Janeiro, Brazil      | 148623    | 0.98           | 12443  | 8.37        | 124686    | 83.89          | 11494  | 7.73        |
| 9  | Belgium                     | 64627     | 0.42           | 9808   | 15.18       | 17347     | 26.84          | 37472  | 57.98       |
| 10 | Madrid, Spain               | 73552     | 0.48           | 8449   | 11.49       | 40736     | 55.38          | 24367  | 33.13       |
| 11 | Ciudad de Mexico, Mexico    | 65214     | 0.43           | 8440   | 12.94       | 50405     | 77.29          | 6369   | 9.77        |
| 12 | Ceara, Brazil               | 153108    | 1.01           | 7317   | 4.78        | 126644    | 82.72          | 19147  | 12.51       |
| 13 | Metropolitana, Chile        | 247622    | 1.63           | 7096   | 2.87        | 231618    | 93.54          | 8908   | 3.60        |
| 14 | Lima, Peru                  | 195959    | 1.29           | 6414   | 3.27        | 0         | 0.00           | 189545 | 96.73       |
| 15 | Pernambuco, Brazil          | 81382     | 0.53           | 6152   | 7.56        | 58821     | 72.28          | 16409  | 20.16       |

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-07-23 :: 2020-07-23 13:02:21

#####

Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 562  
 Unique number of distinct geographical locations combined: 3925

|    | Location               | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active   | Perc.Active |
|----|------------------------|-----------|----------------|--------|-------------|-----------|----------------|----------|-------------|
| 1  | Recovered, US          | 0         | 0.00           | 0      | NaN         | 1210849   | Inf            | -1173568 | -Inf        |
| 2  | Sao Paulo, Brazil      | 439446    | 2.89           | 20532  | 4.67        | 299647    | 68.19          | 119267   | 27.14       |
| 3  | Unknown, Peru          | 0         | 0.00           | 0      | NaN         | 252246    | Inf            | -252246  | -Inf        |
| 4  | Iran                   | 281413    | 1.85           | 14853  | 5.28        | 244840    | 87.00          | 21720    | 7.72        |
| 5  | Metropolitana, Chile   | 247622    | 1.63           | 7096   | 2.87        | 231618    | 93.54          | 8908     | 3.60        |
| 6  | South Africa           | 394948    | 2.59           | 5940   | 1.50        | 229175    | 58.03          | 159833   | 40.47       |
| 7  | Saudi Arabia           | 258156    | 1.69           | 2601   | 1.01        | 210398    | 81.50          | 45157    | 17.49       |
| 8  | Turkey                 | 222402    | 1.46           | 5545   | 2.49        | 205214    | 92.27          | 11643    | 5.24        |
| 9  | Maharashtra, India     | 337607    | 2.22           | 12556  | 3.72        | 187769    | 55.62          | 137282   | 40.66       |
| 10 | Moscow, Russia         | 235363    | 1.55           | 4350   | 1.85        | 172939    | 73.48          | 58074    | 24.67       |
| 11 | Tamil Nadu, India      | 186492    | 1.22           | 3144   | 1.69        | 131583    | 70.56          | 51765    | 27.76       |
| 12 | Para, Brazil           | 142358    | 0.93           | 5581   | 3.92        | 127679    | 89.69          | 9098     | 6.39        |
| 13 | Ceara, Brazil          | 153108    | 1.01           | 7317   | 4.78        | 126644    | 82.72          | 19147    | 12.51       |
| 14 | Rio de Janeiro, Brazil | 148623    | 0.98           | 12443  | 8.37        | 124686    | 83.89          | 11494    | 7.73        |

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|  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
|--|---------------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|--|--|--|--|--|--|
| 15   | Bangladesh                      | 213254    | 1.40           | 2751   | 1.29        | 117202    | 54.96          | 93301  | 43.75       |  |  |  |  |  |  |
| =====  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| #####  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| #### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-07-23 :: 2020-07-23 13:02:21 |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| #####  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| Number of Countries/Regions reported: 188  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| Number of Cities/Provinces reported: 562   |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| Unique number of distinct geographical locations combined: 3925                                  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| -----  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
|  | Location                        | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |  |  |  |  |  |  |
| 1  | England, United Kingdom         | 255038    | 1.67           | 40906  | 16.04       | 0         | 0.00           | 214132 | 83.96       |  |  |  |  |  |  |
| 2  | New York City, New York, US     | 222444    | 1.46           | 23428  | 10.53       | 0         | 0.00           | 199016 | 89.47       |  |  |  |  |  |  |
| 3  | Lima, Peru                      | 195959    | 1.29           | 6414   | 3.27        | 0         | 0.00           | 189545 | 96.73       |  |  |  |  |  |  |
| 4  | Los Angeles, California, US     | 165134    | 1.08           | 4215   | 2.55        | 0         | 0.00           | 160919 | 97.45       |  |  |  |  |  |  |
| 5  | South Africa                    | 394948    | 2.59           | 5940   | 1.50        | 229175    | 58.03          | 159833 | 40.47       |  |  |  |  |  |  |
| 6  | Maharashtra, India              | 337607    | 2.22           | 12556  | 3.72        | 187769    | 55.62          | 137282 | 40.66       |  |  |  |  |  |  |
| 7  | Sao Paulo, Brazil               | 439446    | 2.89           | 20532  | 4.67        | 299647    | 68.19          | 119267 | 27.14       |  |  |  |  |  |  |
| 8  | France                          | 204641    | 1.34           | 30063  | 14.69       | 71238     | 34.81          | 103340 | 50.50       |  |  |  |  |  |  |
| 9  | Maricopa, Arizona, US           | 100543    | 0.66           | 1599   | 1.59        | 0         | 0.00           | 98944  | 98.41       |  |  |  |  |  |  |
| 10   | Cook, Illinois, US              | 100124    | 0.66           | 4801   | 4.80        | 0         | 0.00           | 95323  | 95.20       |  |  |  |  |  |  |
| 11   | Bangladesh                      | 213254    | 1.40           | 2751   | 1.29        | 117202    | 54.96          | 93301  | 43.75       |  |  |  |  |  |  |
| 12   | Miami-Dade, Florida, US         | 92345     | 0.61           | 1342   | 1.45        | 0         | 0.00           | 91003  | 98.55       |  |  |  |  |  |  |
| 13   | Argentina                       | 141900    | 0.93           | 2588   | 1.82        | 60531     | 42.66          | 78781  | 55.52       |  |  |  |  |  |  |
| 14   | Harris, Texas, US               | 59901     | 0.39           | 576    | 0.96        | 0         | 0.00           | 59325  | 99.04       |  |  |  |  |  |  |
| 15   | Moscow, Russia                  | 235363    | 1.55           | 4350   | 1.85        | 172939    | 73.48          | 58074  | 24.67       |  |  |  |  |  |  |
| =====  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
|  | Confirmed                       | Deaths    | Recovered      | Active |             |           |                |        |             |  |  |  |  |  |  |
| Totals   | 15230561                        | 623443    | 8643987        | NA     |             |           |                |        |             |  |  |  |  |  |  |
| Average  | 3880.4                          | 158.84    | 2202.29        | NA     |             |           |                |        |             |  |  |  |  |  |  |
| Standard Deviation   | 19720.12                        | 1180.45   | 23584.68       | NA     |             |           |                |        |             |  |  |  |  |  |  |
| * Statistical estimators computed considering 3925 independent reported entries                  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| *****  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| ***** OVERALL SUMMARY*****   |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| *****  |                                 |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
| ****   | Time Series Worldwide TOTS **** |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
|  | ts-confirmed                    | ts-deaths | ts-recovered   |        |             |           |                |        |             |  |  |  |  |  |  |
|  | 15227535                        | 623385    | 8641297        |        |             |           |                |        |             |  |  |  |  |  |  |
|  | 4.09%                           | 56.75%    |                |        |             |           |                |        |             |  |  |  |  |  |  |
| ****   | Time Series Worldwide AVGS **** |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
|  | ts-confirmed                    | ts-deaths | ts-recovered   |        |             |           |                |        |             |  |  |  |  |  |  |
|  | 57246.37                        | 2343.55   | 34155.32       |        |             |           |                |        |             |  |  |  |  |  |  |
|  | 4.09%                           | 59.66%    |                |        |             |           |                |        |             |  |  |  |  |  |  |
| ****   | Time Series Worldwide SDS ****  |           |                |        |             |           |                |        |             |  |  |  |  |  |  |
|  | ts-confirmed                    | ts-deaths | ts-recovered   |        |             |           |                |        |             |  |  |  |  |  |  |
|  | 296973.78                       | 11452.35  | 145229.11      |        |             |           |                |        |             |  |  |  |  |  |  |
|  | 3.86%                           | 48.9%     |                |        |             |           |                |        |             |  |  |  |  |  |  |

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\* Statistical estimators computed considering 266/266/253 independent reported entries per case-type  
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