

Oct 22, 20 13:02

## covid19-SummaryReport\_2020-10-22.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-21 :: 2020-10-22 13:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-confirmed Totals: 41227176

|    | Country.Region | Province.State | Totals  | GlobalPerc | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|------------|---------------|-------|-------|-------|-------|-------|
| 1  | US             |                | 8336031 | 20.22      | 62735         | 60315 | 58387 | 63610 | 56191 | 38965 |
| 2  | India          |                | 7706946 | 18.69      | 55839         | 54044 | 46790 | 63371 | 70496 | 83347 |
| 3  | Brazil         |                | 5298772 | 12.85      | 24818         | 23227 | 26365 | 28523 | 27750 | 33324 |
| 4  | Russia         |                | 1438219 | 3.49       | 15444         | 16108 | 15843 | 13556 | 11345 | 6109  |
| 5  | Argentina      |                | 1037325 | 2.52       | 18326         | 16337 | 12982 | 17096 | 15454 | 12027 |
| 6  | Spain          |                | 1005295 | 2.44       | 16973         | 13873 | 37889 | 13318 | 12423 | 10799 |
| 7  | Colombia       |                | 981700  | 2.38       | 7561          | 8256  | 6311  | 6823  | 8495  | 7102  |
| 8  | France         |                | 965451  | 2.34       | 26304         | 20468 | 75208 | 30590 | 18014 | 9982  |
| 9  | Peru           |                | 874118  | 2.12       | 3242          | 2201  | 3126  | 5766  | 2733  | 0     |
| 10 | Mexico         |                | 867559  | 2.10       | 6845          | 5788  | 3699  | 5514  | 5300  | 4683  |
| 11 | United Kingdom |                | 789229  | 1.91       | 26687         | 21330 | 18803 | 18978 | 17540 | 4926  |
| 12 | South Africa   |                | 708359  | 1.72       | 2055          | 1050  | 1461  | 1770  | 1736  | 1346  |
| 13 | Iran           |                | 545286  | 1.32       | 5616          | 5039  | 4251  | 4616  | 4392  | 3712  |
| 14 | Chile          |                | 495637  | 1.20       | 1159          | 1173  | 1545  | 1124  | 1576  | 1055  |
| 15 | Italy          |                | 449648  | 1.09       | 15199         | 10871 | 9337  | 8803  | 4458  | 1391  |

Global Perc. Average: 0.37 (sd: 1.89)

Global Perc. Average in top 15 : 5.09 (sd: 6.49)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-10-21 :: 2020-10-22 13:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-deaths Totals: 1131308

|    | Country.Region | Province.State | Totals | Perc  | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|-------|---------------|-----|-----|-----|------|------|
| 1  | US             |                | 222176 | 2.67  | 1124          | 933 | 445 | 820 | 961  | 921  |
| 2  | Brazil         |                | 155403 | 2.93  | 566           | 661 | 501 | 713 | 729  | 833  |
| 3  | India          |                | 116616 | 1.51  | 702           | 717 | 587 | 895 | 964  | 1085 |
| 4  | Mexico         |                | 87415  | 10.08 | 522           | 555 | 171 | 387 | 370  | 651  |
| 5  | United Kingdom |                | 44158  | 5.60  | 191           | 241 | 80  | 138 | 77   | 37   |
| 6  | Italy          |                | 36832  | 8.19  | 127           | 89  | 73  | 83  | 22   | 14   |
| 7  | Spain          |                | 34366  | 3.42  | 156           | 218 | 217 | 140 | 126  | 241  |
| 8  | Peru           |                | 33875  | 3.88  | 55            | 61  | 57  | 158 | 95   | 0    |
| 9  | France         |                | 33777  | 3.50  | 141           | 262 | 320 | 88  | 76   | 78   |
| 10 | Iran           |                | 31346  | 5.75  | 312           | 322 | 337 | 256 | 230  | 178  |
| 11 | Colombia       |                | 29464  | 3.00  | 192           | 170 | 132 | 151 | 0    | 0    |
| 12 | Argentina      |                | 27519  | 2.65  | 419           | 384 | 449 | 421 | 484  | 470  |
| 13 | Russia         |                | 24786  | 1.72  | 313           | 268 | 166 | 281 | 184  | 155  |
| 14 | South Africa   |                | 18741  | 2.65  | 85            | 164 | 21  | 158 | 160  | 126  |

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15 Chile 13719 2.77 17 26 41 19 77 23

```
#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-21 :: 2020-10-22 13:02:29
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 254
```

Worldwide ts-recovered Totals: 28119471

|    | Country.Region | Province.State | Totals  | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1  | India          |                | 6874518 | 79415         | 61775 | 69720 | 70338 | 78365 | 89746 |
| 2  | Brazil         |                | 4526393 | 0             | 0     | 0     | 0     | 30920 | 23399 |
| 3  | US             |                | 3323354 | 28206         | 22545 | 38465 | 21603 | 21357 | 31010 |
| 4  | Russia         |                | 1091264 | 10803         | 9541  | 5312  | 8290  | 6920  | 5897  |
| 5  | Colombia       |                | 884895  | 8164          | 8770  | 9667  | 10164 | 0     | 0     |
| 6  | Argentina      |                | 840520  | 10873         | 25682 | 0     | 13713 | 14119 | 8665  |
| 7  | Peru           |                | 788494  | 0             | 4438  | 9700  | 5638  | 4610  | 0     |
| 8  | Mexico         |                | 733897  | 3303          | 2835  | 6786  | 4142  | 2911  | 2636  |
| 9  | South Africa   |                | 641706  | 2138          | 4311  | 714   | 1403  | 644   | 1696  |
| 10 | Chile          |                | 467269  | 626           | 1622  | 1078  | 1463  | 1657  | 2065  |
| 11 | Iran           |                | 438709  | 4033          | 3316  | 3960  | 3223  | 2191  | 2214  |
| 12 | Iraq           |                | 369010  | 2876          | 2602  | 3055  | 3356  | 4031  | 3682  |
| 13 | Saudi Arabia   |                | 329715  | 445           | 375   | 357   | 507   | 561   | 1185  |
| 14 | Philippines    |                | 311506  | 864           | 339   | 145   | 301   | 595   | 410   |
| 15 | Pakistan       |                | 309136  | 462           | 664   | 601   | 440   | 333   | 757   |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-22 :: 2020-10-22 13:02:29
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Number of Countries/Regions reported: 189  
Number of Cities/Provinces reported: 561  
Unique number of distinct geographical locations combined: 3952

|    | Location                | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Maharashtra, India      | 1617658   | 3.92           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 2  | Sao Paulo, Brazil       | 1073261   | 2.60           | 38371  | 3.58        | 908199    | 84.62          | 126691 | 11.80       |
| 3  | Argentina               | 1037325   | 2.52           | 27519  | 2.65        | 840520    | 81.03          | 169286 | 16.32       |
| 4  | France                  | 965451    | 2.34           | 33777  | 3.50        | 87951     | 9.11           | 843723 | 87.39       |
| 5  | Andhra Pradesh, India   | 793299    | 1.92           | 6508   | 0.82        | 754415    | 95.10          | 32376  | 4.08        |
| 6  | Karnataka, India        | 782773    | 1.90           | 10696  | 1.37        | 671618    | 85.80          | 100459 | 12.83       |
| 7  | South Africa            | 708359    | 1.72           | 18741  | 2.65        | 641706    | 90.59          | 47912  | 6.76        |
| 8  | Tamil Nadu, India       | 697116    | 1.69           | 10780  | 1.55        | 650856    | 93.36          | 35480  | 5.09        |
| 9  | England, United Kingdom | 669973    | 1.63           | 39140  | 5.84        | 0         | 0.00           | 630833 | 94.16       |
| 10 | Iran                    | 545286    | 1.32           | 31346  | 5.75        | 438709    | 80.45          | 75231  | 13.80       |
| 11 | Uttar Pradesh, India    | 461475    | 1.12           | 6755   | 1.46        | 425356    | 92.17          | 29364  | 6.36        |
| 12 | Iraq                    | 438265    | 1.06           | 10418  | 2.38        | 369010    | 84.20          | 58837  | 13.42       |

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|    |                |        |      |       |      |        |       |        |       |
|----|----------------|--------|------|-------|------|--------|-------|--------|-------|
| 13 | Lima, Peru     | 396451 | 0.96 | 15240 | 3.84 | 0      | 0.00  | 381211 | 96.16 |
| 14 | Bangladesh     | 393131 | 0.95 | 5723  | 1.46 | 308845 | 78.56 | 78563  | 19.98 |
| 15 | Moscow, Russia | 377017 | 0.91 | 6121  | 1.62 | 279973 | 74.26 | 90923  | 24.12 |

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-22 :: 2020-10-22 13:02:29

#####

Number of Countries/Regions reported: 189  
 Number of Cities/Provinces reported: 561  
 Unique number of distinct geographical locations combined: 3952

|    | Location                 | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|--------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Maharashtra, India       | 1617658   | 3.92           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 2  | England, United Kingdom  | 669973    | 1.63           | 39140  | 5.84        | 0         | 0.00           | 630833 | 94.16       |
| 3  | Sao Paulo, Brazil        | 1073261   | 2.60           | 38371  | 3.58        | 908199    | 84.62          | 126691 | 11.80       |
| 4  | France                   | 965451    | 2.34           | 33777  | 3.50        | 87951     | 9.11           | 843723 | 87.39       |
| 5  | Iran                     | 545286    | 1.32           | 31346  | 5.75        | 438709    | 80.45          | 75231  | 13.80       |
| 6  | Argentina                | 1037325   | 2.52           | 27519  | 2.65        | 840520    | 81.03          | 169286 | 16.32       |
| 7  | Rio de Janeiro, Brazil   | 293940    | 0.71           | 19945  | 6.79        | 258928    | 88.09          | 15067  | 5.13        |
| 8  | South Africa             | 708359    | 1.72           | 18741  | 2.65        | 641706    | 90.59          | 47912  | 6.76        |
| 9  | Lombardia, Italy         | 134604    | 0.33           | 17123  | 12.72       | 87591     | 65.07          | 29890  | 22.21       |
| 10 | Lima, Peru               | 396451    | 0.96           | 15240  | 3.84        | 0         | 0.00           | 381211 | 96.16       |
| 11 | Ciudad de Mexico, Mexico | 150456    | 0.37           | 14554  | 9.67        | 126028    | 83.76          | 9874   | 6.56        |
| 12 | Indonesia                | 373109    | 0.91           | 12857  | 3.45        | 297509    | 79.74          | 62743  | 16.82       |
| 13 | Ecuador                  | 155625    | 0.38           | 12453  | 8.00        | 134187    | 86.22          | 8985   | 5.77        |
| 14 | Tamil Nadu, India        | 697116    | 1.69           | 10780  | 1.55        | 650856    | 93.36          | 35480  | 5.09        |
| 15 | Karnataka, India         | 782773    | 1.90           | 10696  | 1.37        | 671618    | 85.80          | 100459 | 12.83       |

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-22 :: 2020-10-22 13:02:29

#####

Number of Countries/Regions reported: 189  
 Number of Cities/Provinces reported: 561  
 Unique number of distinct geographical locations combined: 3952

|    | Location              | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Maharashtra, India    | 1617658   | 3.92           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 2  | Sao Paulo, Brazil     | 1073261   | 2.60           | 38371  | 3.58        | 908199    | 84.62          | 126691 | 11.80       |
| 3  | Argentina             | 1037325   | 2.52           | 27519  | 2.65        | 840520    | 81.03          | 169286 | 16.32       |
| 4  | Andhra Pradesh, India | 793299    | 1.92           | 6508   | 0.82        | 754415    | 95.10          | 32376  | 4.08        |
| 5  | Karnataka, India      | 782773    | 1.90           | 10696  | 1.37        | 671618    | 85.80          | 100459 | 12.83       |
| 6  | Tamil Nadu, India     | 697116    | 1.69           | 10780  | 1.55        | 650856    | 93.36          | 35480  | 5.09        |
| 7  | South Africa          | 708359    | 1.72           | 18741  | 2.65        | 641706    | 90.59          | 47912  | 6.76        |
| 8  | Iran                  | 545286    | 1.32           | 31346  | 5.75        | 438709    | 80.45          | 75231  | 13.80       |
| 9  | Uttar Pradesh, India  | 461475    | 1.12           | 6755   | 1.46        | 425356    | 92.17          | 29364  | 6.36        |
| 10 | Iraq                  | 438265    | 1.06           | 10418  | 2.38        | 369010    | 84.20          | 58837  | 13.42       |
| 11 | Saudi Arabia          | 343373    | 0.83           | 5235   | 1.52        | 329715    | 96.02          | 8423   | 2.45        |
| 12 | Philippines           | 362243    | 0.88           | 6747   | 1.86        | 311506    | 85.99          | 43990  | 12.14       |
| 13 | Bahia, Brazil         | 339215    | 0.82           | 7384   | 2.18        | 311054    | 91.70          | 20777  | 6.13        |
| 14 | Delhi, India          | 340436    | 0.83           | 6128   | 1.80        | 310191    | 91.12          | 24117  | 7.08        |

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|    |            |        |      |      |      |        |       |       |       |
|----|------------|--------|------|------|------|--------|-------|-------|-------|
| 15 | Bangladesh | 393131 | 0.95 | 5723 | 1.46 | 308845 | 78.56 | 78563 | 19.98 |
|----|------------|--------|------|------|------|--------|-------|-------|-------|

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#####
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```
##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-22 :: 2020-10-22 13:02:29
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#####
```

```
Number of Countries/Regions reported: 189
```

```
Number of Cities/Provinces reported: 561
```

```
Unique number of distinct geographical locations combined: 3952
```

|    | Location                    | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | France                      | 965451    | 2.34           | 33777  | 3.50        | 87951     | 9.11           | 843723 | 87.39       |
| 2  | England, United Kingdom     | 669973    | 1.63           | 39140  | 5.84        | 0         | 0.00           | 630833 | 94.16       |
| 3  | Lima, Peru                  | 396451    | 0.96           | 15240  | 3.84        | 0         | 0.00           | 381211 | 96.16       |
| 4  | Los Angeles, California, US | 290486    | 0.70           | 6944   | 2.39        | 0         | 0.00           | 283542 | 97.61       |
| 5  | Madrid, Spain               | 286527    | 0.70           | 10123  | 3.53        | 40736     | 14.22          | 235668 | 82.25       |
| 6  | Belgium                     | 253386    | 0.61           | 10539  | 4.16        | 21717     | 8.57           | 221130 | 87.27       |
| 7  | Miami-Dade, Florida, US     | 179644    | 0.44           | 3572   | 1.99        | 0         | 0.00           | 176072 | 98.01       |
| 8  | Argentina                   | 1037325   | 2.52           | 27519  | 2.65        | 840520    | 81.03          | 169286 | 16.32       |
| 9  | Cook, Illinois, US          | 168139    | 0.41           | 5382   | 3.20        | 0         | 0.00           | 162757 | 96.80       |
| 10 | Maharashtra, India          | 1617658   | 3.92           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 11 | Harris, Texas, US           | 156035    | 0.38           | 2750   | 1.76        | 0         | 0.00           | 153285 | 98.24       |
| 12 | Catalonia, Spain            | 183747    | 0.45           | 5927   | 3.23        | 26203     | 14.26          | 151617 | 82.51       |
| 13 | Maricopa, Arizona, US       | 151527    | 0.37           | 3532   | 2.33        | 0         | 0.00           | 147995 | 97.67       |
| 14 | Sao Paulo, Brazil           | 1073261   | 2.60           | 38371  | 3.58        | 908199    | 84.62          | 126691 | 11.80       |
| 15 | Czechia                     | 208915    | 0.51           | 1739   | 0.83        | 83136     | 39.79          | 124040 | 59.37       |

|                    | Confirmed | Deaths  | Recovered | Active |
|--------------------|-----------|---------|-----------|--------|
| Totals             | 41215119  | 1130785 | 24002692  | NA     |
| Average            | 10428.93  | 286.13  | 6073.56   | NA     |
| Standard Deviation | 57140.2   | 1752.16 | 45664.27  | NA     |

```
* Statistical estimators computed considering 3952 independent reported entries
```

```
*****
***** OVERALL SUMMARY*****
*****
```

```
**** Time Series Worldwide TOTS ****
```

|              |           |              |
|--------------|-----------|--------------|
| ts-confirmed | ts-deaths | ts-recovered |
| 41227176     | 1131308   | 28119471     |
| 2.74%        |           | 68.21%       |

```
**** Time Series Worldwide AVGS ****
```

|              |           |              |
|--------------|-----------|--------------|
| ts-confirmed | ts-deaths | ts-recovered |
| 154408.9     | 4237.11   | 110706.58    |
| 2.74%        |           | 71.7%        |

```
**** Time Series Worldwide SDS ****
```

|              |           |              |
|--------------|-----------|--------------|
| ts-confirmed | ts-deaths | ts-recovered |
| 780442.81    | 19565.88  | 568135.93    |
| 2.51%        |           | 72.8%        |

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\* Statistical estimators computed considering 267/267/254 independent reported entries per case-type  
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