

Oct 23, 20 1:02

## covid19-SummaryReport\_2020-10-23.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-22 :: 2020-10-23 01:02:29
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
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Worldwide ts-confirmed Totals: 41641309

|    | Country.Region | Province.State | Totals  | GlobalPerc | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|------------|---------------|-------|-------|-------|-------|-------|
| 1  | US             |                | 8407702 | 20.19      | 71671         | 62735 | 60315 | 69156 | 57420 | 38433 |
| 2  | India          |                | 7706946 | 18.51      | 0             | 55839 | 54044 | 62212 | 73272 | 86508 |
| 3  | Brazil         |                | 5323630 | 12.78      | 24858         | 24818 | 23227 | 30914 | 27444 | 0     |
| 4  | Russia         |                | 1453923 | 3.49       | 15704         | 15444 | 16108 | 14937 | 11969 | 6330  |
| 5  | Argentina      |                | 1053650 | 2.53       | 16325         | 18326 | 16337 | 16546 | 15099 | 12625 |
| 6  | Spain          |                | 1026281 | 2.46       | 20986         | 16973 | 13873 | 15186 | 12788 | 11289 |
| 7  | France         |                | 1007026 | 2.42       | 41575         | 26304 | 20468 | 24768 | 19956 | 0     |
| 8  | Colombia       |                | 990373  | 2.38       | 8673          | 7561  | 8256  | 8372  | 8121  | 6731  |
| 9  | Peru           |                | 879876  | 2.11       | 5758          | 3242  | 2201  | 0     | 2952  | 7651  |
| 10 | Mexico         |                | 874171  | 2.10       | 6612          | 6845  | 5788  | 6751  | 5532  | 4786  |
| 11 | United Kingdom |                | 810467  | 1.95       | 21238         | 26687 | 21330 | 15635 | 13864 | 6178  |
| 12 | South Africa   |                | 710515  | 1.71       | 2156          | 2055  | 1050  | 2019  | 1461  | 1906  |
| 13 | Iran           |                | 550757  | 1.32       | 5471          | 5616  | 5039  | 4552  | 4142  | 3605  |
| 14 | Chile          |                | 497131  | 1.19       | 1494          | 1159  | 1173  | 1694  | 1753  | 1380  |
| 15 | Italy          |                | 465726  | 1.12       | 16078         | 15199 | 10871 | 10009 | 5372  | 1640  |

Global Perc. Average: 0.37 (sd: 1.88)

Global Perc. Average in top 15 : 5.08 (sd: 6.45)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-10-22 :: 2020-10-23 01:02:29
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-deaths Totals: 1136503

|    | Country.Region | Province.State | Totals | Perc  | LastDayChange | t-2  | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|-------|---------------|------|-----|-----|------|------|
| 1  | US             |                | 223032 | 2.65  | 856           | 1124 | 933 | 883 | 990  | 1099 |
| 2  | Brazil         |                | 155900 | 2.93  | 497           | 566  | 661 | 754 | 682  | 0    |
| 3  | India          |                | 116616 | 1.51  | 0             | 702  | 717 | 837 | 926  | 1129 |
| 4  | Mexico         |                | 87415  | 10.00 | 0             | 522  | 555 | 419 | 401  | 601  |
| 5  | United Kingdom |                | 44347  | 5.47  | 189           | 191  | 241 | 136 | 87   | 37   |
| 6  | Italy          |                | 36968  | 7.94  | 136           | 127  | 89  | 55  | 28   | 20   |
| 7  | Spain          |                | 34521  | 3.36  | 155           | 156  | 218 | 222 | 241  | 130  |
| 8  | Peru           |                | 33984  | 3.86  | 109           | 55   | 61  | 0   | 89   | 199  |
| 9  | France         |                | 33939  | 3.37  | 162           | 141  | 262 | 178 | 61   | 0    |
| 10 | Iran           |                | 31650  | 5.75  | 304           | 312  | 322 | 265 | 210  | 184  |
| 11 | Colombia       |                | 29637  | 2.99  | 173           | 192  | 170 | 159 | 315  | 349  |
| 12 | Argentina      |                | 27957  | 2.65  | 438           | 419  | 384 | 381 | 515  | 424  |
| 13 | Russia         |                | 25072  | 1.72  | 286           | 313  | 268 | 230 | 198  | 145  |
| 14 | South Africa   |                | 18843  | 2.65  | 102           | 85   | 164 | 61  | 139  | 88   |

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|    |       |       |      |    |    |    |    |    |    |
|----|-------|-------|------|----|----|----|----|----|----|
| 15 | Chile | 13792 | 2.77 | 73 | 17 | 26 | 95 | 53 | 24 |
|----|-------|-------|------|----|----|----|----|----|----|

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-22 :: 2020-10-23 01:02:30
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 254
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Worldwide ts-recovered Totals: 28271838

|    | Country.Region | Province.State | Totals  | LastDayChange | t-2   | t-3   | t-7   | t-14  | t-30  |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1  | India          |                | 6874518 | 0             | 79415 | 61775 | 70816 | 82753 | 87374 |
| 2  | Brazil         |                | 4526393 | 0             | 0     | 0     | 0     | 14762 | 29996 |
| 3  | US             |                | 3353056 | 29702         | 28206 | 22545 | 20142 | 17837 | 23297 |
| 4  | Russia         |                | 1102564 | 11300         | 10803 | 9541  | 8349  | 7002  | 5679  |
| 5  | Colombia       |                | 893810  | 8915          | 8164  | 8770  | 10170 | 6574  | 21377 |
| 6  | Argentina      |                | 851854  | 11334         | 10873 | 25682 | 13642 | 12297 | 8258  |
| 7  | Peru           |                | 796719  | 8225          | 0     | 4438  | 9480  | 0     | 28652 |
| 8  | Mexico         |                | 737437  | 3540          | 3303  | 2835  | 4619  | 4519  | 2658  |
| 9  | South Africa   |                | 642560  | 854           | 2138  | 4311  | 959   | 1310  | 1325  |
| 10 | Chile          |                | 469765  | 2496          | 626   | 1622  | 1561  | 1587  | 1989  |
| 11 | Iran           |                | 442674  | 3965          | 4033  | 3316  | 2856  | 2079  | 2109  |
| 12 | Iraq           |                | 371826  | 2816          | 2876  | 2602  | 3210  | 4282  | 3231  |
| 13 | Saudi Arabia   |                | 330181  | 466           | 445   | 375   | 468   | 513   | 1102  |
| 14 | Philippines    |                | 312333  | 827           | 864   | 339   | 704   | 989   | 730   |
| 15 | Bangladesh     |                | 310532  | 1687          | 1704  | 1542  | 1509  | 1596  | 2163  |

```
#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-23 :: 2020-10-23 01:02:30
#####
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```
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 559
Unique number of distinct geographical locations combined: 3949
```

|    | Location                | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Maharashtra, India      | 1617658   | 3.89           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 2  | Sao Paulo, Brazil       | 1076939   | 2.59           | 38482  | 3.57        | 908199    | 84.33          | 130258 | 12.10       |
| 3  | Argentina               | 1053650   | 2.53           | 27957  | 2.65        | 851854    | 80.85          | 173839 | 16.50       |
| 4  | France                  | 1007026   | 2.42           | 33939  | 3.37        | 88898     | 8.83           | 884189 | 87.80       |
| 5  | Andhra Pradesh, India   | 793299    | 1.91           | 6508   | 0.82        | 754415    | 95.10          | 32376  | 4.08        |
| 6  | Karnataka, India        | 782773    | 1.88           | 10696  | 1.37        | 671618    | 85.80          | 100459 | 12.83       |
| 7  | South Africa            | 710515    | 1.71           | 18843  | 2.65        | 642560    | 90.44          | 49112  | 6.91        |
| 8  | Tamil Nadu, India       | 697116    | 1.68           | 10780  | 1.55        | 650856    | 93.36          | 35480  | 5.09        |
| 9  | England, United Kingdom | 687327    | 1.65           | 39300  | 5.72        | 0         | 0.00           | 648027 | 94.28       |
| 10 | Iran                    | 550757    | 1.32           | 31650  | 5.75        | 442674    | 80.38          | 76433  | 13.88       |
| 11 | Uttar Pradesh, India    | 461475    | 1.11           | 6755   | 1.46        | 425356    | 92.17          | 29364  | 6.36        |
| 12 | Iraq                    | 442164    | 1.06           | 10465  | 2.37        | 371826    | 84.09          | 59873  | 13.54       |

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|    |                |        |      |       |      |        |       |        |       |
|----|----------------|--------|------|-------|------|--------|-------|--------|-------|
| 13 | Lima, Peru     | 398886 | 0.96 | 15294 | 3.83 | 0      | 0.00  | 383592 | 96.17 |
| 14 | Bangladesh     | 394827 | 0.95 | 5747  | 1.46 | 310532 | 78.65 | 78548  | 19.89 |
| 15 | Moscow, Russia | 381430 | 0.92 | 6187  | 1.62 | 282492 | 74.06 | 92751  | 24.32 |

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-23 :: 2020-10-23 01:02:30

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Number of Countries/Regions reported: 189  
 Number of Cities/Provinces reported: 559  
 Unique number of distinct geographical locations combined: 3949

|    | Location                 | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|--------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Maharashtra, India       | 1617658   | 3.89           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 2  | England, United Kingdom  | 687327    | 1.65           | 39300  | 5.72        | 0         | 0.00           | 648027 | 94.28       |
| 3  | Sao Paulo, Brazil        | 1076939   | 2.59           | 38482  | 3.57        | 908199    | 84.33          | 130258 | 12.10       |
| 4  | France                   | 1007026   | 2.42           | 33939  | 3.37        | 88898     | 8.83           | 884189 | 87.80       |
| 5  | Iran                     | 550757    | 1.32           | 31650  | 5.75        | 442674    | 80.38          | 76433  | 13.88       |
| 6  | Argentina                | 1053650   | 2.53           | 27957  | 2.65        | 851854    | 80.85          | 173839 | 16.50       |
| 7  | Rio de Janeiro, Brazil   | 295021    | 0.71           | 20021  | 6.79        | 258928    | 87.77          | 16072  | 5.45        |
| 8  | South Africa             | 710515    | 1.71           | 18843  | 2.65        | 642560    | 90.44          | 49112  | 6.91        |
| 9  | Lombardia, Italy         | 138729    | 0.33           | 17152  | 12.36       | 88059     | 63.48          | 33518  | 24.16       |
| 10 | Lima, Peru               | 398886    | 0.96           | 15294  | 3.83        | 0         | 0.00           | 383592 | 96.17       |
| 11 | Ciudad de Mexico, Mexico | 151917    | 0.37           | 14554  | 9.58        | 126746    | 83.43          | 10617  | 6.99        |
| 12 | Indonesia                | 377541    | 0.91           | 12959  | 3.43        | 301006    | 79.73          | 63576  | 16.84       |
| 13 | Ecuador                  | 156451    | 0.38           | 12500  | 7.99        | 134187    | 85.77          | 9764   | 6.24        |
| 14 | Tamil Nadu, India        | 697116    | 1.68           | 10780  | 1.55        | 650856    | 93.36          | 35480  | 5.09        |
| 15 | Karnataka, India         | 782773    | 1.88           | 10696  | 1.37        | 671618    | 85.80          | 100459 | 12.83       |

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-23 :: 2020-10-23 01:02:30

#####

Number of Countries/Regions reported: 189  
 Number of Cities/Provinces reported: 559  
 Unique number of distinct geographical locations combined: 3949

|    | Location              | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | Maharashtra, India    | 1617658   | 3.89           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 2  | Sao Paulo, Brazil     | 1076939   | 2.59           | 38482  | 3.57        | 908199    | 84.33          | 130258 | 12.10       |
| 3  | Argentina             | 1053650   | 2.53           | 27957  | 2.65        | 851854    | 80.85          | 173839 | 16.50       |
| 4  | Andhra Pradesh, India | 793299    | 1.91           | 6508   | 0.82        | 754415    | 95.10          | 32376  | 4.08        |
| 5  | Karnataka, India      | 782773    | 1.88           | 10696  | 1.37        | 671618    | 85.80          | 100459 | 12.83       |
| 6  | Tamil Nadu, India     | 697116    | 1.68           | 10780  | 1.55        | 650856    | 93.36          | 35480  | 5.09        |
| 7  | South Africa          | 710515    | 1.71           | 18843  | 2.65        | 642560    | 90.44          | 49112  | 6.91        |
| 8  | Iran                  | 550757    | 1.32           | 31650  | 5.75        | 442674    | 80.38          | 76433  | 13.88       |
| 9  | Uttar Pradesh, India  | 461475    | 1.11           | 6755   | 1.46        | 425356    | 92.17          | 29364  | 6.36        |
| 10 | Iraq                  | 442164    | 1.06           | 10465  | 2.37        | 371826    | 84.09          | 59873  | 13.54       |
| 11 | Saudi Arabia          | 343774    | 0.83           | 5250   | 1.53        | 330181    | 96.05          | 8343   | 2.43        |
| 12 | Philippines           | 363888    | 0.87           | 6783   | 1.86        | 312333    | 85.83          | 44772  | 12.30       |
| 13 | Bahia, Brazil         | 340665    | 0.82           | 7407   | 2.17        | 311054    | 91.31          | 22204  | 6.52        |
| 14 | Bangladesh            | 394827    | 0.95           | 5747   | 1.46        | 310532    | 78.65          | 78548  | 19.89       |

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|    |              |        |      |      |      |        |       |       |      |
|----|--------------|--------|------|------|------|--------|-------|-------|------|
| 15 | Delhi, India | 340436 | 0.82 | 6128 | 1.80 | 310191 | 91.12 | 24117 | 7.08 |
|----|--------------|--------|------|------|------|--------|-------|-------|------|

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#####
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-23 :: 2020-10-23 01:02:30
#####

Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 559
Unique number of distinct geographical locations combined: 3949
=====
```

|    | Location                    | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1  | France                      | 1007026   | 2.42           | 33939  | 3.37        | 88898     | 8.83           | 884189 | 87.80       |
| 2  | England, United Kingdom     | 687327    | 1.65           | 39300  | 5.72        | 0         | 0.00           | 648027 | 94.28       |
| 3  | Lima, Peru                  | 398886    | 0.96           | 15294  | 3.83        | 0         | 0.00           | 383592 | 96.17       |
| 4  | Los Angeles, California, US | 294065    | 0.71           | 6956   | 2.37        | 0         | 0.00           | 287109 | 97.63       |
| 5  | Madrid, Spain               | 290159    | 0.70           | 10155  | 3.50        | 40736     | 14.04          | 239268 | 82.46       |
| 6  | Belgium                     | 270132    | 0.65           | 10588  | 3.92        | 22213     | 8.22           | 237331 | 87.86       |
| 7  | Miami-Dade, Florida, US     | 180497    | 0.43           | 3585   | 1.99        | 0         | 0.00           | 176912 | 98.01       |
| 8  | Argentina                   | 1053650   | 2.53           | 27957  | 2.65        | 851854    | 80.85          | 173839 | 16.50       |
| 9  | Cook, Illinois, US          | 170039    | 0.41           | 5390   | 3.17        | 0         | 0.00           | 164649 | 96.83       |
| 10 | Maharashtra, India          | 1617658   | 3.89           | 42633  | 2.64        | 1415679   | 87.51          | 159346 | 9.85        |
| 11 | Catalonia, Spain            | 188164    | 0.45           | 5958   | 3.17        | 26203     | 13.93          | 156003 | 82.91       |
| 12 | Harris, Texas, US           | 156742    | 0.38           | 2750   | 1.75        | 0         | 0.00           | 153992 | 98.25       |
| 13 | Maricopa, Arizona, US       | 152101    | 0.37           | 3536   | 2.32        | 0         | 0.00           | 148565 | 97.68       |
| 14 | Czechia                     | 223065    | 0.54           | 1845   | 0.83        | 87225     | 39.10          | 133995 | 60.07       |
| 15 | Sao Paulo, Brazil           | 1076939   | 2.59           | 38482  | 3.57        | 908199    | 84.33          | 130258 | 12.10       |

|                    | Confirmed | Deaths  | Recovered | Active |
|--------------------|-----------|---------|-----------|--------|
| Totals             | 41613584  | 1135353 | 24102554  | NA     |
| Average            | 10537.75  | 287.5   | 6103.46   | NA     |
| Standard Deviation | 57658.08  | 1760.35 | 45799.35  | NA     |

\* Statistical estimators computed considering 3949 independent reported entries

```
*****
***** OVERALL SUMMARY*****
*****
**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
41641309 1136503 28271838
2.73% 67.89%
**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
155959.96 4256.57 111306.45
2.73% 71.37%
**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
784518.09 19627.08 569077.05
2.5% 72.54%
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\* Statistical estimators computed considering 267/267/254 independent reported entries per case-type  
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