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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-18 :: 2020-10-19 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: 39955637

| | Country.Region | Province.State | Totals | GlobalPerc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|------------|---------------|-------|-------|-------|-------|-------|
| 1 | US | | 8154594 | 20.41 | 48210 | 57519 | 69156 | 41653 | 39557 | 44050 |
| 2 | India | | 7550273 | 18.90 | 55722 | 61871 | 62212 | 55342 | 61267 | 92605 |
| 3 | Brazil | | 5224362 | 13.08 | 0 | 24062 | 30914 | 8429 | 11946 | 33057 |
| 4 | Russia | | 1390824 | 3.48 | 14804 | 14703 | 14937 | 13406 | 10757 | 5960 |
| 5 | Argentina | | 989680 | 2.48 | 10561 | 13510 | 16546 | 9524 | 11242 | 9276 |
| 6 | Colombia | | 959572 | 2.40 | 7201 | 7017 | 8372 | 7768 | 7106 | 7927 |
| 7 | Spain | | 936560 | 2.34 | 0 | 0 | 15186 | 27856 | 23480 | 0 |
| 8 | Peru | | 865549 | 2.17 | 3132 | 2677 | 0 | 1800 | 6605 | 6314 |
| 9 | Mexico | | 851227 | 2.13 | 4119 | 5447 | 6751 | 3542 | 28115 | 5167 |
| 10 | France | | 843471 | 2.11 | 0 | -4 | 24768 | 42956 | 34225 | 0 |
| 11 | United Kingdom | | 722409 | 1.81 | 16981 | 16171 | 15635 | 13972 | 12593 | 4422 |
| 12 | South Africa | | 703793 | 1.76 | 1662 | 1928 | 2019 | 888 | 926 | 2029 |
| 13 | Iran | | 530380 | 1.33 | 3890 | 4103 | 4552 | 4206 | 3902 | 2845 |
| 14 | Chile | | 491760 | 1.23 | 1757 | 1813 | 1694 | 1461 | 1567 | 1847 |
| 15 | Iraq | | 426634 | 1.07 | 3110 | 3221 | 3501 | 3107 | 3808 | 3907 |

Global Perc. Average: 0.37 (sd: 1.91)

Global Perc. Average in top 15 : 5.11 (sd: 6.58)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-10-18 :: 2020-10-19 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: 1113178

| | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|-------|---------------|------|-----|-----|------|------|
| 1 | US | | 219674 | 2.69 | 388 | 711 | 883 | 317 | 460 | 712 |
| 2 | Brazil | | 153675 | 2.94 | 0 | 461 | 754 | 201 | 323 | 739 |
| 3 | India | | 114610 | 1.52 | 579 | 1033 | 837 | 706 | 884 | 1133 |
| 4 | Mexico | | 86167 | 10.12 | 108 | 355 | 419 | 164 | 2789 | 455 |
| 5 | United Kingdom | | 43646 | 6.04 | 67 | 150 | 136 | 50 | 19 | 27 |
| 6 | Italy | | 36543 | 8.82 | 69 | 47 | 55 | 39 | 16 | 24 |
| 7 | Spain | | 33775 | 3.61 | 0 | 0 | 222 | 195 | 139 | 0 |
| 8 | Peru | | 33702 | 3.89 | 54 | 71 | 0 | 52 | 133 | 137 |
| 9 | France | | 33054 | 3.92 | 0 | 0 | 178 | 100 | 144 | 0 |
| 10 | Iran | | 30375 | 5.73 | 252 | 253 | 265 | 272 | 235 | 166 |
| 11 | Colombia | | 28970 | 3.02 | 167 | 187 | 159 | 151 | 132 | 374 |
| 12 | Argentina | | 26267 | 2.65 | 160 | 384 | 381 | 318 | 450 | 143 |
| 13 | Russia | | 24039 | 1.73 | 182 | 277 | 230 | 123 | 115 | 142 |
| 14 | South Africa | | 18471 | 2.62 | 63 | 38 | 61 | 83 | 40 | 83 |

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15 Chile 13635 2.77 47 59 95 58 58 55

```
#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-18 :: 2020-10-19 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: 27487616

| | Country.Region | Province.State | Totals | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1 | India | | 6663608 | 66399 | 72614 | 70816 | 77760 | 75787 | 94612 |
| 2 | Brazil | | 4526393 | 0 | 0 | 0 | 0 | 22528 | 39354 |
| 3 | US | | 3234138 | 13565 | 23034 | 20142 | 31651 | 23443 | 20981 |
| 4 | Russia | | 1065608 | 5329 | 8499 | 8349 | 3785 | 3122 | 5125 |
| 5 | Colombia | | 858294 | 10827 | 10466 | 10170 | 8609 | 4626 | 12228 |
| 6 | Argentina | | 803965 | 12791 | 12673 | 13642 | 11202 | 12345 | 10791 |
| 7 | Peru | | 774356 | 0 | 5279 | 9480 | 5780 | 5355 | 0 |
| 8 | Mexico | | 720973 | 5125 | 3598 | 4619 | 6612 | 24911 | 4045 |
| 9 | South Africa | | 634543 | 4107 | 1176 | 959 | 894 | 903 | 2590 |
| 10 | Chile | | 463943 | 1231 | 1615 | 1561 | 1082 | 1383 | 2120 |
| 11 | Iran | | 427400 | 3479 | 3011 | 2856 | 2732 | 2327 | 2127 |
| 12 | Iraq | | 360477 | 3186 | 3329 | 3210 | 3893 | 4676 | 4234 |
| 13 | Saudi Arabia | | 328538 | 373 | 370 | 468 | 509 | 570 | 1078 |
| 14 | Philippines | | 310158 | 14846 | 447 | 704 | 77 | 44 | 1095 |
| 15 | Pakistan | | 307409 | 340 | 429 | 805 | 424 | 1648 | 259 |

```
#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-19 :: 2020-10-19 13:02:29
#####
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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 560
 Unique number of distinct geographical locations combined: 3950

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Maharashtra, India | 1595381 | 3.99 | 42115 | 2.64 | 1369810 | 85.86 | 183456 | 11.50 |
| 2 | Sao Paulo, Brazil | 1062634 | 2.66 | 37992 | 3.58 | 908199 | 85.47 | 116443 | 10.96 |
| 3 | Argentina | 989680 | 2.48 | 26267 | 2.65 | 803965 | 81.23 | 159448 | 16.11 |
| 4 | France | 843471 | 2.11 | 33054 | 3.92 | 85008 | 10.08 | 725409 | 86.00 |
| 5 | Andhra Pradesh, India | 783132 | 1.96 | 6429 | 0.82 | 740229 | 94.52 | 36474 | 4.66 |
| 6 | Karnataka, India | 765586 | 1.92 | 10478 | 1.37 | 645825 | 84.36 | 109283 | 14.27 |
| 7 | South Africa | 703793 | 1.76 | 18471 | 2.62 | 634543 | 90.16 | 50779 | 7.22 |
| 8 | Tamil Nadu, India | 687400 | 1.72 | 10642 | 1.55 | 637637 | 92.76 | 39121 | 5.69 |
| 9 | England, United Kingdom | 612846 | 1.53 | 38711 | 6.32 | 0 | 0.00 | 574135 | 93.68 |
| 10 | Iran | 530380 | 1.33 | 30375 | 5.73 | 427400 | 80.58 | 72605 | 13.69 |
| 11 | Uttar Pradesh, India | 455146 | 1.14 | 6658 | 1.46 | 415592 | 91.31 | 32896 | 7.23 |
| 12 | Iraq | 426634 | 1.07 | 10254 | 2.40 | 360477 | 84.49 | 55903 | 13.10 |

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| | | | | | | | | | |
|----|----------------|--------|------|-------|------|--------|-------|--------|-------|
| 13 | Lima, Peru | 392789 | 0.98 | 15159 | 3.86 | 0 | 0.00 | 377630 | 96.14 |
| 14 | Bangladesh | 388569 | 0.97 | 5660 | 1.46 | 303972 | 78.23 | 78937 | 20.31 |
| 15 | Moscow, Russia | 362253 | 0.91 | 5958 | 1.64 | 273881 | 75.60 | 82414 | 22.75 |

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-19 :: 2020-10-19 13:02:29

#####

Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 560
 Unique number of distinct geographical locations combined: 3950

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|--------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Maharashtra, India | 1595381 | 3.99 | 42115 | 2.64 | 1369810 | 85.86 | 183456 | 11.50 |
| 2 | England, United Kingdom | 612846 | 1.53 | 38711 | 6.32 | 0 | 0.00 | 574135 | 93.68 |
| 3 | Sao Paulo, Brazil | 1062634 | 2.66 | 37992 | 3.58 | 908199 | 85.47 | 116443 | 10.96 |
| 4 | France | 843471 | 2.11 | 33054 | 3.92 | 85008 | 10.08 | 725409 | 86.00 |
| 5 | Iran | 530380 | 1.33 | 30375 | 5.73 | 427400 | 80.58 | 72605 | 13.69 |
| 6 | Argentina | 989680 | 2.48 | 26267 | 2.65 | 803965 | 81.23 | 159448 | 16.11 |
| 7 | Rio de Janeiro, Brazil | 289569 | 0.72 | 19715 | 6.81 | 258928 | 89.42 | 10926 | 3.77 |
| 8 | South Africa | 703793 | 1.76 | 18471 | 2.62 | 634543 | 90.16 | 50779 | 7.22 |
| 9 | Lombardia, Italy | 126769 | 0.32 | 17078 | 13.47 | 86397 | 68.15 | 23294 | 18.38 |
| 10 | Lima, Peru | 392789 | 0.98 | 15159 | 3.86 | 0 | 0.00 | 377630 | 96.14 |
| 11 | Ciudad de Mexico, Mexico | 146952 | 0.37 | 14379 | 9.78 | 123952 | 84.35 | 8621 | 5.87 |
| 12 | Indonesia | 361867 | 0.91 | 12511 | 3.46 | 285324 | 78.85 | 64032 | 17.69 |
| 13 | Ecuador | 153289 | 0.38 | 12387 | 8.08 | 134187 | 87.54 | 6715 | 4.38 |
| 14 | Tamil Nadu, India | 687400 | 1.72 | 10642 | 1.55 | 637637 | 92.76 | 39121 | 5.69 |
| 15 | Karnataka, India | 765586 | 1.92 | 10478 | 1.37 | 645825 | 84.36 | 109283 | 14.27 |

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-19 :: 2020-10-19 13:02:29

#####

Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 560
 Unique number of distinct geographical locations combined: 3950

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Maharashtra, India | 1595381 | 3.99 | 42115 | 2.64 | 1369810 | 85.86 | 183456 | 11.50 |
| 2 | Sao Paulo, Brazil | 1062634 | 2.66 | 37992 | 3.58 | 908199 | 85.47 | 116443 | 10.96 |
| 3 | Argentina | 989680 | 2.48 | 26267 | 2.65 | 803965 | 81.23 | 159448 | 16.11 |
| 4 | Andhra Pradesh, India | 783132 | 1.96 | 6429 | 0.82 | 740229 | 94.52 | 36474 | 4.66 |
| 5 | Karnataka, India | 765586 | 1.92 | 10478 | 1.37 | 645825 | 84.36 | 109283 | 14.27 |
| 6 | Tamil Nadu, India | 687400 | 1.72 | 10642 | 1.55 | 637637 | 92.76 | 39121 | 5.69 |
| 7 | South Africa | 703793 | 1.76 | 18471 | 2.62 | 634543 | 90.16 | 50779 | 7.22 |
| 8 | Iran | 530380 | 1.33 | 30375 | 5.73 | 427400 | 80.58 | 72605 | 13.69 |
| 9 | Uttar Pradesh, India | 455146 | 1.14 | 6658 | 1.46 | 415592 | 91.31 | 32896 | 7.23 |
| 10 | Iraq | 426634 | 1.07 | 10254 | 2.40 | 360477 | 84.49 | 55903 | 13.10 |
| 11 | Saudi Arabia | 342202 | 0.86 | 5185 | 1.52 | 328538 | 96.01 | 8479 | 2.48 |
| 12 | Bahia, Brazil | 334697 | 0.84 | 7288 | 2.18 | 311054 | 92.94 | 16355 | 4.89 |
| 13 | Philippines | 356618 | 0.89 | 6652 | 1.87 | 310158 | 86.97 | 39808 | 11.16 |
| 14 | Turkey | 347493 | 0.87 | 9296 | 2.68 | 304003 | 87.48 | 34194 | 9.84 |

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| | | | | | | | | | | | | | | | |
|--|---------------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|--|--|--|--|--|--|
| 15 | Bangladesh | 388569 | 0.97 | 5660 | 1.46 | 303972 | 78.23 | 78937 | 20.31 | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| ##### | | | | | | | | | | | | | | | |
| #### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-19 :: 2020-10-19 13:02:29 | | | | | | | | | | | | | | | |
| ##### | | | | | | | | | | | | | | | |
| Number of Countries/Regions reported: 189 | | | | | | | | | | | | | | | |
| Number of Cities/Provinces reported: 560 | | | | | | | | | | | | | | | |
| Unique number of distinct geographical locations combined: 3950 | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | |
| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active | | | | | | |
| 1 | France | 843471 | 2.11 | 33054 | 3.92 | 85008 | 10.08 | 725409 | 86.00 | | | | | | |
| 2 | England, United Kingdom | 612846 | 1.53 | 38711 | 6.32 | 0 | 0.00 | 574135 | 93.68 | | | | | | |
| 3 | Lima, Peru | 392789 | 0.98 | 15159 | 3.86 | 0 | 0.00 | 377630 | 96.14 | | | | | | |
| 4 | Los Angeles, California, US | 288451 | 0.72 | 6876 | 2.38 | 0 | 0.00 | 281575 | 97.62 | | | | | | |
| 5 | Madrid, Spain | 276790 | 0.69 | 9979 | 3.61 | 40736 | 14.72 | 226075 | 81.68 | | | | | | |
| 6 | Belgium | 222253 | 0.56 | 10413 | 4.69 | 21157 | 9.52 | 190683 | 85.80 | | | | | | |
| 7 | Maharashtra, India | 1595381 | 3.99 | 42115 | 2.64 | 1369810 | 85.86 | 183456 | 11.50 | | | | | | |
| 8 | Miami-Dade, Florida, US | 178354 | 0.45 | 3540 | 1.98 | 0 | 0.00 | 174814 | 98.02 | | | | | | |
| 9 | Argentina | 989680 | 2.48 | 26267 | 2.65 | 803965 | 81.23 | 159448 | 16.11 | | | | | | |
| 10 | Cook, Illinois, US | 163912 | 0.41 | 5357 | 3.27 | 0 | 0.00 | 158555 | 96.73 | | | | | | |
| 11 | Harris, Texas, US | 154367 | 0.39 | 2728 | 1.77 | 0 | 0.00 | 151639 | 98.23 | | | | | | |
| 12 | Maricopa, Arizona, US | 149720 | 0.37 | 3510 | 2.34 | 0 | 0.00 | 146210 | 97.66 | | | | | | |
| 13 | Catalonia, Spain | 168208 | 0.42 | 5909 | 3.51 | 26203 | 15.58 | 136096 | 80.91 | | | | | | |
| 14 | Sao Paulo, Brazil | 1062634 | 2.66 | 37992 | 3.58 | 908199 | 85.47 | 116443 | 10.96 | | | | | | |
| 15 | Karnataka, India | 765586 | 1.92 | 10478 | 1.37 | 645825 | 84.36 | 109283 | 14.27 | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| | Confirmed | Deaths | Recovered | Active | | | | | | | | | | | |
| Totals | 39948623 | 1112912 | 23474332 | NA | | | | | | | | | | | |
| Average | 10113.58 | 281.75 | 5942.87 | NA | | | | | | | | | | | |
| Standard Deviation | 55415.21 | 1724.49 | 44608.28 | NA | | | | | | | | | | | |
| * Statistical estimators computed considering 3950 independent reported entries | | | | | | | | | | | | | | | |
| ***** | | | | | | | | | | | | | | | |
| ***** OVERALL SUMMARY***** | | | | | | | | | | | | | | | |
| ***** | | | | | | | | | | | | | | | |
| **** | Time Series Worldwide TOTS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 39955637 | 1113178 | 27487616 | | | | | | | | | | | | |
| | 2.79% | 68.8% | | | | | | | | | | | | | |
| **** | Time Series Worldwide AVGS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 149646.58 | 4169.21 | 108218.96 | | | | | | | | | | | | |
| | 2.79% | 72.32% | | | | | | | | | | | | | |
| **** | Time Series Worldwide SDS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 763997.33 | 19316.18 | 555518.86 | | | | | | | | | | | | |
| | 2.53% | 72.71% | | | | | | | | | | | | | |

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