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covid19-SummaryReport_2020-11-23.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-11-22 :: 2020-11-23 13:02:29
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-confirmed Totals: 58649324

| | Country.Region | Province.State | Totals | GlobalPerc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|----------|------------|---------------|--------|--------|--------|--------|-------|
| 1 | US | | 12246849 | 20.88 | 142732 | 178064 | 196004 | 160351 | 121366 | 82787 |
| 2 | India | | 9139865 | 15.58 | 44059 | 45209 | 46232 | 29163 | 38073 | 50129 |
| 3 | Brazil | | 6071401 | 10.35 | 18615 | 32622 | 38397 | 13371 | 10917 | 26979 |
| 4 | France | | 2140829 | 3.65 | 13157 | 17651 | 22845 | 9072 | 19571 | 0 |
| 5 | Russia | | 2071858 | 3.53 | 24295 | 24538 | 24059 | 22562 | 21577 | 16260 |
| 6 | Spain | | 1556730 | 2.65 | 0 | 0 | 15156 | 38273 | 52386 | 0 |
| 7 | United Kingdom | | 1512045 | 2.58 | 18662 | 19875 | 20252 | 21363 | 21350 | 23012 |
| 8 | Italy | | 1408868 | 2.40 | 28337 | 34764 | 37239 | 27352 | 25269 | 19640 |
| 9 | Argentina | | 1370366 | 2.34 | 4184 | 7140 | 9608 | 7893 | 8317 | 11968 |
| 10 | Colombia | | 1248417 | 2.13 | 7924 | 7049 | 7954 | 6471 | 5177 | 8769 |
| 11 | Mexico | | 1041875 | 1.78 | 15906 | 0 | 6426 | 2874 | 4960 | 6025 |
| 12 | Peru | | 948081 | 1.62 | 0 | 4164 | 3986 | 2112 | 2323 | 3240 |
| 13 | Germany | | 932367 | 1.59 | 4377 | 13872 | 22593 | 14580 | 6522 | 10458 |
| 14 | Poland | | 861331 | 1.47 | 17856 | 24213 | 22464 | 20816 | 21713 | 13628 |
| 15 | Iran | | 854361 | 1.46 | 13053 | 12931 | 13260 | 13053 | 10463 | 5814 |

Global Perc. Average: 0.37 (sd: 1.76)

Global Perc. Average in top 15 : 4.93 (sd: 5.91)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-11-22 :: 2020-11-23 13:02:30
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-deaths Totals: 1388068

| | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|------|---------------|------|------|-----|------|------|
| 1 | US | | 256782 | 2.10 | 921 | 1448 | 1878 | 758 | 696 | 942 |
| 2 | Brazil | | 169183 | 2.79 | 194 | 376 | 552 | 216 | 231 | 432 |
| 3 | India | | 133738 | 1.46 | 511 | 501 | 564 | 449 | 448 | 578 |
| 4 | Mexico | | 101676 | 9.76 | 853 | 0 | 719 | 319 | 198 | 431 |
| 5 | United Kingdom | | 55024 | 3.64 | 398 | 340 | 511 | 213 | 194 | 174 |
| 6 | Italy | | 49823 | 3.54 | 562 | 692 | 699 | 504 | 356 | 151 |
| 7 | France | | 48398 | 2.26 | 214 | 252 | 1137 | 504 | 546 | 0 |
| 8 | Iran | | 44802 | 5.24 | 475 | 431 | 479 | 486 | 458 | 335 |
| 9 | Spain | | 42619 | 2.74 | 0 | 0 | 328 | 484 | 512 | 0 |
| 10 | Argentina | | 37002 | 2.70 | 100 | 112 | 258 | 291 | 347 | 275 |
| 11 | Russia | | 35838 | 1.73 | 396 | 462 | 455 | 299 | 254 | 294 |
| 12 | Peru | | 35549 | 3.75 | 0 | 103 | 129 | 54 | 58 | 49 |
| 13 | Colombia | | 35287 | 2.83 | 183 | 175 | 168 | 192 | 183 | 198 |
| 14 | South Africa | | 20903 | 2.72 | 58 | 86 | 88 | 73 | 36 | 53 |

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15 Indonesia 15884 3.19 110 96 78 85 75 128

```
#####
#### TS-RECOVERED Cases -- Data dated: 2020-11-22 :: 2020-11-23 13:02:30
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 256
```

Worldwide ts-recovered Totals: 37486362

| | Country.Region | Province.State | Totals | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1 | India | | 8562641 | 41024 | 43493 | 49715 | 40791 | 42033 | 62077 |
| 2 | Brazil | | 5457973 | 20784 | 6293 | 24830 | 56046 | 16054 | 0 |
| 3 | US | | 4526513 | -3187 | 71770 | 47221 | 69927 | 47354 | 31229 |
| 4 | Russia | | 1582768 | 17871 | 25545 | 24407 | 13828 | 10640 | 11419 |
| 5 | Argentina | | 1195492 | 8439 | 9234 | 10305 | 11094 | 10666 | 14418 |
| 6 | Colombia | | 1150932 | 6009 | 6342 | 6188 | 6911 | 8935 | 5727 |
| 7 | Peru | | 879439 | 5469 | 2436 | 0 | 6960 | 0 | 3761 |
| 8 | Mexico | | 779104 | 8376 | 0 | 4367 | 4010 | 0 | 6005 |
| 9 | South Africa | | 710099 | 2315 | 744 | 4496 | 2029 | 1038 | 1118 |
| 10 | Germany | | 611627 | 10636 | 13211 | 16819 | 16599 | 22470 | 3777 |
| 11 | Iran | | 603445 | 7309 | 7111 | 5321 | 5881 | 5312 | 4206 |
| 12 | Italy | | 553098 | 13574 | 19502 | 21035 | 21554 | 10215 | 2309 |
| 13 | Chile | | 516121 | 1537 | 1657 | 1053 | 1367 | 1493 | 5410 |
| 14 | Iraq | | 465452 | 2412 | 2646 | 2904 | 2526 | 3305 | 3021 |
| 15 | Poland | | 423971 | 16896 | 25275 | 19914 | 11239 | 10008 | 4252 |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-11-23 :: 2020-11-23 13:02:30
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Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 572
Unique number of distinct geographical locations combined: 3964

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|
| 1 | France | 2140829 | 3.65 | 48398 | 2.26 | 129722 | 6.06 | 1962709 | 91.68 |
| 2 | Maharashtra, India | 1780208 | 3.04 | 46623 | 2.62 | 1651064 | 92.75 | 82521 | 4.64 |
| 3 | Argentina | 1370366 | 2.34 | 37002 | 2.70 | 1195492 | 87.24 | 137872 | 10.06 |
| 4 | England, United Kingdom | 1301559 | 2.22 | 48212 | 3.70 | 0 | 0.00 | 1253347 | 96.30 |
| 5 | Sao Paulo, Brazil | 1209588 | 2.06 | 41267 | 3.41 | 1082032 | 89.45 | 86289 | 7.13 |
| 6 | Karnataka, India | 873046 | 1.49 | 11654 | 1.33 | 836505 | 95.81 | 24887 | 2.85 |
| 7 | Andhra Pradesh, India | 862213 | 1.47 | 6938 | 0.80 | 841026 | 97.54 | 14249 | 1.65 |
| 8 | Poland | 861331 | 1.47 | 13618 | 1.58 | 423971 | 49.22 | 423742 | 49.20 |
| 9 | Iran | 854361 | 1.46 | 44802 | 5.24 | 603445 | 70.63 | 206114 | 24.12 |
| 10 | Tamil Nadu, India | 769995 | 1.31 | 11605 | 1.51 | 745848 | 96.86 | 12542 | 1.63 |
| 11 | South Africa | 767679 | 1.31 | 20903 | 2.72 | 710099 | 92.50 | 36677 | 4.78 |
| 12 | Kerala, India | 562695 | 0.96 | 2049 | 0.36 | 494664 | 87.91 | 65982 | 11.73 |

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| | | | | | | | | | |
|----|----------------|--------|------|-------|------|--------|-------|--------|-------|
| 13 | Moscow, Russia | 553713 | 0.94 | 8308 | 1.50 | 405577 | 73.25 | 139828 | 25.25 |
| 14 | Iraq | 535321 | 0.91 | 11958 | 2.23 | 465452 | 86.95 | 57911 | 10.82 |
| 15 | Delhi, India | 529863 | 0.90 | 8391 | 1.58 | 481260 | 90.83 | 40212 | 7.59 |

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-23 :: 2020-11-23 13:02:30

#####

Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 572
 Unique number of distinct geographical locations combined: 3964

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|--------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|
| 1 | France | 2140829 | 3.65 | 48398 | 2.26 | 129722 | 6.06 | 1962709 | 91.68 |
| 2 | England, United Kingdom | 1301559 | 2.22 | 48212 | 3.70 | 0 | 0.00 | 1253347 | 96.30 |
| 3 | Maharashtra, India | 1780208 | 3.04 | 46623 | 2.62 | 1651064 | 92.75 | 82521 | 4.64 |
| 4 | Iran | 854361 | 1.46 | 44802 | 5.24 | 603445 | 70.63 | 206114 | 24.12 |
| 5 | Sao Paulo, Brazil | 1209588 | 2.06 | 41267 | 3.41 | 1082032 | 89.45 | 86289 | 7.13 |
| 6 | Argentina | 1370366 | 2.34 | 37002 | 2.70 | 1195492 | 87.24 | 137872 | 10.06 |
| 7 | Rio de Janeiro, Brazil | 338203 | 0.58 | 21974 | 6.50 | 309320 | 91.46 | 6909 | 2.04 |
| 8 | South Africa | 767679 | 1.31 | 20903 | 2.72 | 710099 | 92.50 | 36677 | 4.78 |
| 9 | Lombardia, Italy | 371610 | 0.63 | 20524 | 5.52 | 186680 | 50.24 | 164406 | 44.24 |
| 10 | Lima, Peru | 424399 | 0.72 | 15956 | 3.76 | 0 | 0.00 | 408443 | 96.24 |
| 11 | Indonesia | 497668 | 0.85 | 15884 | 3.19 | 418188 | 84.03 | 63596 | 12.78 |
| 12 | Mexico, Mexico | 105470 | 0.18 | 15149 | 14.36 | 0 | 0.00 | 90321 | 85.64 |
| 13 | Poland | 861331 | 1.47 | 13618 | 1.58 | 423971 | 49.22 | 423742 | 49.20 |
| 14 | Ecuador | 185643 | 0.32 | 13201 | 7.11 | 164009 | 88.35 | 8433 | 4.54 |
| 15 | Ciudad de Mexico, Mexico | 187229 | 0.32 | 12988 | 6.94 | 0 | 0.00 | 174241 | 93.06 |

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-23 :: 2020-11-23 13:02:30

#####

Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 572
 Unique number of distinct geographical locations combined: 3964

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Maharashtra, India | 1780208 | 3.04 | 46623 | 2.62 | 1651064 | 92.75 | 82521 | 4.64 |
| 2 | Argentina | 1370366 | 2.34 | 37002 | 2.70 | 1195492 | 87.24 | 137872 | 10.06 |
| 3 | Sao Paulo, Brazil | 1209588 | 2.06 | 41267 | 3.41 | 1082032 | 89.45 | 86289 | 7.13 |
| 4 | Andhra Pradesh, India | 862213 | 1.47 | 6938 | 0.80 | 841026 | 97.54 | 14249 | 1.65 |
| 5 | Karnataka, India | 873046 | 1.49 | 11654 | 1.33 | 836505 | 95.81 | 24887 | 2.85 |
| 6 | Tamil Nadu, India | 769995 | 1.31 | 11605 | 1.51 | 745848 | 96.86 | 12542 | 1.63 |
| 7 | South Africa | 767679 | 1.31 | 20903 | 2.72 | 710099 | 92.50 | 36677 | 4.78 |
| 8 | Iran | 854361 | 1.46 | 44802 | 5.24 | 603445 | 70.63 | 206114 | 24.12 |
| 9 | Uttar Pradesh, India | 526780 | 0.90 | 7559 | 1.43 | 495415 | 94.05 | 23806 | 4.52 |
| 10 | Kerala, India | 562695 | 0.96 | 2049 | 0.36 | 494664 | 87.91 | 65982 | 11.73 |
| 11 | Delhi, India | 529863 | 0.90 | 8391 | 1.58 | 481260 | 90.83 | 40212 | 7.59 |
| 12 | Iraq | 535321 | 0.91 | 11958 | 2.23 | 465452 | 86.95 | 57911 | 10.82 |
| 13 | Poland | 861331 | 1.47 | 13618 | 1.58 | 423971 | 49.22 | 423742 | 49.20 |
| 14 | West Bengal, India | 456361 | 0.78 | 8025 | 1.76 | 423129 | 92.72 | 25207 | 5.52 |

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| | | | | | | | | | | | | | | | |
|--|---------------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|--|--|--|--|--|--|
| 15 | Indonesia | 497668 | 0.85 | 15884 | 3.19 | 418188 | 84.03 | 63596 | 12.78 | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| ##### | | | | | | | | | | | | | | | |
| #### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-11-23 :: 2020-11-23 13:02:30 | | | | | | | | | | | | | | | |
| ##### | | | | | | | | | | | | | | | |
| Number of Countries/Regions reported: 191 | | | | | | | | | | | | | | | |
| Number of Cities/Provinces reported: 572 | | | | | | | | | | | | | | | |
| Unique number of distinct geographical locations combined: 3964 | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | |
| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active | | | | | | |
| 1 | France | 2140829 | 3.65 | 48398 | 2.26 | 129722 | 6.06 | 1962709 | 91.68 | | | | | | |
| 2 | England, United Kingdom | 1301559 | 2.22 | 48212 | 3.70 | 0 | 0.00 | 1253347 | 96.30 | | | | | | |
| 3 | Poland | 861331 | 1.47 | 13618 | 1.58 | 423971 | 49.22 | 423742 | 49.20 | | | | | | |
| 4 | Lima, Peru | 424399 | 0.72 | 15956 | 3.76 | 0 | 0.00 | 408443 | 96.24 | | | | | | |
| 5 | Los Angeles, California, US | 364520 | 0.62 | 7438 | 2.04 | 0 | 0.00 | 357082 | 97.96 | | | | | | |
| 6 | Madrid, Spain | 339405 | 0.58 | 11201 | 3.30 | 40736 | 12.00 | 287468 | 84.70 | | | | | | |
| 7 | Cook, Illinois, US | 280896 | 0.48 | 6303 | 2.24 | 0 | 0.00 | 274593 | 97.76 | | | | | | |
| 8 | Catalonia, Spain | 292348 | 0.50 | 7495 | 2.56 | 26203 | 8.96 | 258650 | 88.47 | | | | | | |
| 9 | Miami-Dade, Florida, US | 214943 | 0.37 | 3766 | 1.75 | 0 | 0.00 | 211177 | 98.25 | | | | | | |
| 10 | Iran | 854361 | 1.46 | 44802 | 5.24 | 603445 | 70.63 | 206114 | 24.12 | | | | | | |
| 11 | Andalusia, Spain | 212439 | 0.36 | 3527 | 1.66 | 10671 | 5.02 | 198241 | 93.32 | | | | | | |
| 12 | Maricopa, Arizona, US | 190034 | 0.32 | 3896 | 2.05 | 0 | 0.00 | 186138 | 97.95 | | | | | | |
| 13 | Harris, Texas, US | 182192 | 0.31 | 2965 | 1.63 | 0 | 0.00 | 179227 | 98.37 | | | | | | |
| 14 | Ciudad de Mexico, Mexico | 187229 | 0.32 | 12988 | 6.94 | 0 | 0.00 | 174241 | 93.06 | | | | | | |
| 15 | Lombardia, Italy | 371610 | 0.63 | 20524 | 5.52 | 186680 | 50.24 | 164406 | 44.24 | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| | Confirmed | Deaths | Recovered | Active | | | | | | | | | | | |
| Totals | 58639867 | 1371002 | 31301306 | NA | | | | | | | | | | | |
| Average | 14793.1 | 345.86 | 7896.39 | NA | | | | | | | | | | | |
| Standard Deviation | 77816.84 | 2115.8 | 57111.78 | NA | | | | | | | | | | | |
| * Statistical estimators computed considering 3964 independent reported entries | | | | | | | | | | | | | | | |
| ***** | | | | | | | | | | | | | | | |
| ***** OVERALL SUMMARY***** | | | | | | | | | | | | | | | |
| ***** | | | | | | | | | | | | | | | |
| **** | Time Series Worldwide TOTS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 58649324 | 1388068 | 37486362 | | | | | | | | | | | | |
| | 2.37% | 63.92% | | | | | | | | | | | | | |
| **** | Time Series Worldwide AVGS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 218027.23 | 5160.1 | 146431.1 | | | | | | | | | | | | |
| | 2.37% | 67.16% | | | | | | | | | | | | | |
| **** | Time Series Worldwide SDS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 1032531.36 | 22485.85 | 710934.6 | | | | | | | | | | | | |
| | 2.18% | 68.85% | | | | | | | | | | | | | |

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* Statistical estimators computed considering 269/269/256 independent reported entries per case-type
