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covid19-SummaryReport_2020-12-30.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-29 :: 2020-12-30 01:02:35
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 81997042

| | Country.Region | Province.State | Totals | GlobalPerc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|----------|------------|---------------|--------|--------|--------|--------|--------|
| 1 | US | | 19556927 | 23.85 | 247646 | 166678 | 150477 | 226726 | 246824 | 157389 |
| 2 | India | | 10244852 | 12.49 | 20549 | 16432 | 20021 | 24712 | 24010 | 31118 |
| 3 | Brazil | | 7563551 | 9.22 | 58718 | 20548 | 18479 | 46696 | 70574 | 21138 |
| 4 | Russia | | 3073923 | 3.75 | 26588 | 27363 | 27849 | 26814 | 26074 | 26046 |
| 5 | France | | 2570767 | 3.14 | 11192 | 2954 | 8233 | 14804 | 17564 | 3891 |
| 6 | United Kingdom | | 2382865 | 2.91 | 53135 | 41385 | 32340 | 39237 | 25161 | 12330 |
| 7 | Turkey | | 2178580 | 2.66 | 15805 | 15197 | 14205 | 19650 | 29718 | 31219 |
| 8 | Italy | | 2067487 | 2.52 | 11210 | 8581 | 8937 | 13908 | 17568 | 16376 |
| 9 | Spain | | 1893502 | 2.31 | 14089 | 24462 | 0 | 12386 | 11078 | 19979 |
| 10 | Germany | | 1692109 | 2.06 | 19466 | 14004 | 12399 | 33758 | 32744 | 14221 |
| 11 | Colombia | | 1614822 | 1.97 | 11015 | 9310 | 9594 | 14233 | 11953 | 8430 |
| 12 | Argentina | | 1602163 | 1.95 | 11650 | 7216 | 5030 | 8586 | 6843 | 5726 |
| 13 | Mexico | | 1401529 | 1.71 | 12099 | 5996 | 6217 | 11653 | 10297 | 6472 |
| 14 | Poland | | 1268634 | 1.55 | 7624 | 3211 | 3842 | 12358 | 12455 | 5736 |
| 15 | Iran | | 1212481 | 1.48 | 6108 | 5908 | 5502 | 6261 | 7603 | 13321 |

Global Perc. Average: 0.37 (sd: 1.78)

Global Perc. Average in top 15 : 4.9 (sd: 6.09)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-12-29 :: 2020-12-30 01:02:35
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1789908

| | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|------|---------------|------|------|------|------|------|
| 1 | US | | 338561 | 1.73 | 3725 | 1718 | 1209 | 3359 | 3682 | 1153 |
| 2 | Brazil | | 192681 | 2.55 | 1111 | 431 | 344 | 961 | 936 | 287 |
| 3 | India | | 148439 | 1.45 | 286 | 252 | 279 | 312 | 355 | 482 |
| 4 | Mexico | | 123845 | 8.84 | 990 | 429 | 400 | 816 | 670 | 285 |
| 5 | Italy | | 73029 | 3.53 | 659 | 445 | 305 | 553 | 680 | 672 |
| 6 | United Kingdom | | 71567 | 3.00 | 458 | 357 | 347 | 744 | 612 | 203 |
| 7 | France | | 63713 | 2.48 | 968 | 363 | 173 | 275 | 289 | 406 |
| 8 | Russia | | 55107 | 1.79 | 548 | 479 | 541 | 536 | 584 | 364 |
| 9 | Iran | | 54946 | 4.53 | 132 | 121 | 119 | 153 | 213 | 372 |
| 10 | Spain | | 50442 | 2.66 | 320 | 298 | 0 | 178 | 195 | 401 |
| 11 | Argentina | | 43018 | 2.68 | 150 | 218 | 149 | 60 | 161 | 257 |
| 12 | Colombia | | 42620 | 2.64 | 246 | 203 | 228 | 243 | 204 | 182 |
| 13 | Peru | | 37525 | 3.72 | 51 | 106 | 0 | 45 | 0 | 0 |
| 14 | Germany | | 32267 | 1.91 | 1122 | 848 | 351 | 813 | 729 | 388 |

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15 South Africa 27568 2.70 497 336 214 411 166 58

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-29 :: 2020-12-30 01:02:36
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 256
```

Worldwide ts-recovered Totals: 46348935

| | Country.Region | Province.State | Totals | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1 | India | | 9834141 | 26572 | 24900 | 21131 | 29791 | 33291 | 41985 |
| 2 | Brazil | | 6754111 | 41354 | 35522 | 23046 | 11376 | 32709 | 16366 |
| 3 | Russia | | 2470783 | 24371 | 20318 | 23972 | 24073 | 26036 | 17214 |
| 4 | Turkey | | 2058437 | 21004 | 22203 | 21196 | 34492 | 29922 | 4485 |
| 5 | Colombia | | 1483017 | 13976 | 13066 | 11934 | 9794 | 7736 | 6037 |
| 6 | Italy | | 1425730 | 17044 | 14675 | 7813 | 20494 | 34495 | 23004 |
| 7 | Argentina | | 1420885 | 6205 | 6754 | 5699 | 4551 | 3614 | 7384 |
| 8 | Germany | | 1319757 | 24825 | 22900 | 18747 | 26028 | 24756 | 18422 |
| 9 | Mexico | | 1058429 | 9890 | 9773 | 6902 | 8946 | 7584 | 5189 |
| 10 | Poland | | 1014005 | 8629 | 5766 | 7229 | 10906 | 12902 | 18085 |
| 11 | Iran | | 969408 | 8657 | 8891 | 9312 | 10196 | 11154 | 9859 |
| 12 | Peru | | 949391 | 1964 | 3790 | 1969 | 0 | 3814 | 0 |
| 13 | South Africa | | 858456 | 8482 | 5100 | 5680 | 3131 | 9608 | 609 |
| 14 | Ukraine | | 707235 | 16609 | 7353 | 7039 | 15746 | 13003 | 5804 |
| 15 | Indonesia | | 596783 | 6805 | 6302 | 6983 | 5981 | 5328 | 4725 |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-30 :: 2020-12-30 01:02:36
#####
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Number of Countries/Regions reported: 190
Number of Cities/Provinces reported: 574
Unique number of distinct geographical locations combined: 3967

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|
| 1 | France | 2570767 | 3.14 | 63713 | 2.48 | 168011 | 6.54 | 2339043 | 90.99 |
| 2 | Turkey | 2178580 | 2.66 | 20388 | 0.94 | 2058437 | 94.49 | 99755 | 4.58 |
| 3 | England, United Kingdom | 2046892 | 2.50 | 62379 | 3.05 | 0 | 0.00 | 1984513 | 96.95 |
| 4 | Maharashtra, India | 1925066 | 2.35 | 49373 | 2.56 | 1820021 | 94.54 | 55672 | 2.89 |
| 5 | Argentina | 1602163 | 1.96 | 43018 | 2.68 | 1420885 | 88.69 | 138260 | 8.63 |
| 6 | Sao Paulo, Brazil | 1440229 | 1.76 | 46195 | 3.21 | 1278967 | 88.80 | 115067 | 7.99 |
| 7 | Poland | 1268634 | 1.55 | 27454 | 2.16 | 1014005 | 79.93 | 227175 | 17.91 |
| 8 | Iran | 1212481 | 1.48 | 54946 | 4.53 | 969408 | 79.95 | 188127 | 15.52 |
| 9 | South Africa | 1021451 | 1.25 | 27568 | 2.70 | 858456 | 84.04 | 135427 | 13.26 |
| 10 | Karnataka, India | 917571 | 1.12 | 12074 | 1.32 | 893617 | 97.39 | 11880 | 1.29 |
| 11 | Andhra Pradesh, India | 881599 | 1.08 | 7100 | 0.81 | 871116 | 98.81 | 3383 | 0.38 |
| 12 | Tamil Nadu, India | 816132 | 1.00 | 12092 | 1.48 | 795293 | 97.45 | 8747 | 1.07 |

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| | | | | | | | | | |
|----|-----------------------------|--------|------|-------|------|--------|-------|--------|-------|
| 13 | Moscow, Russia | 798098 | 0.98 | 11064 | 1.39 | 615396 | 77.11 | 171638 | 21.51 |
| 14 | Kerala, India | 749450 | 0.92 | 3014 | 0.40 | 681397 | 90.92 | 65039 | 8.68 |
| 15 | Los Angeles, California, US | 746089 | 0.91 | 9782 | 1.31 | 0 | 0.00 | 736307 | 98.69 |

#####

AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-30 :: 2020-12-30 01:02:36

#####

Number of Countries/Regions reported: 190
 Number of Cities/Provinces reported: 574
 Unique number of distinct geographical locations combined: 3967

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|--------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|
| 1 | France | 2570767 | 3.14 | 63713 | 2.48 | 168011 | 6.54 | 2339043 | 90.99 |
| 2 | England, United Kingdom | 2046892 | 2.50 | 62379 | 3.05 | 0 | 0.00 | 1984513 | 96.95 |
| 3 | Iran | 1212481 | 1.48 | 54946 | 4.53 | 969408 | 79.95 | 188127 | 15.52 |
| 4 | Maharashtra, India | 1925066 | 2.35 | 49373 | 2.56 | 1820021 | 94.54 | 55672 | 2.89 |
| 5 | Sao Paulo, Brazil | 1440229 | 1.76 | 46195 | 3.21 | 1278967 | 88.80 | 115067 | 7.99 |
| 6 | Argentina | 1602163 | 1.96 | 43018 | 2.68 | 1420885 | 88.69 | 138260 | 8.63 |
| 7 | South Africa | 1021451 | 1.25 | 27568 | 2.70 | 858456 | 84.04 | 135427 | 13.26 |
| 8 | Poland | 1268634 | 1.55 | 27454 | 2.16 | 1014005 | 79.93 | 227175 | 17.91 |
| 9 | Rio de Janeiro, Brazil | 426259 | 0.52 | 25078 | 5.88 | 396095 | 92.92 | 5086 | 1.19 |
| 10 | Lombardia, Italy | 473371 | 0.58 | 24958 | 5.27 | 393995 | 83.23 | 54418 | 11.50 |
| 11 | Indonesia | 727122 | 0.89 | 21703 | 2.98 | 596783 | 82.07 | 108636 | 14.94 |
| 12 | Turkey | 2178580 | 2.66 | 20388 | 0.94 | 2058437 | 94.49 | 99755 | 4.58 |
| 13 | Mexico, Mexico | 143488 | 0.18 | 18562 | 12.94 | 0 | 0.00 | 124926 | 87.06 |
| 14 | Lima, Peru | 447145 | 0.55 | 16730 | 3.74 | 0 | 0.00 | 430415 | 96.26 |
| 15 | Ciudad de Mexico, Mexico | 320251 | 0.39 | 16385 | 5.12 | 0 | 0.00 | 303866 | 94.88 |

#####

AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-30 :: 2020-12-30 01:02:36

#####

Number of Countries/Regions reported: 190
 Number of Cities/Provinces reported: 574
 Unique number of distinct geographical locations combined: 3967

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Turkey | 2178580 | 2.66 | 20388 | 0.94 | 2058437 | 94.49 | 99755 | 4.58 |
| 2 | Maharashtra, India | 1925066 | 2.35 | 49373 | 2.56 | 1820021 | 94.54 | 55672 | 2.89 |
| 3 | Argentina | 1602163 | 1.96 | 43018 | 2.68 | 1420885 | 88.69 | 138260 | 8.63 |
| 4 | Sao Paulo, Brazil | 1440229 | 1.76 | 46195 | 3.21 | 1278967 | 88.80 | 115067 | 7.99 |
| 5 | Poland | 1268634 | 1.55 | 27454 | 2.16 | 1014005 | 79.93 | 227175 | 17.91 |
| 6 | Iran | 1212481 | 1.48 | 54946 | 4.53 | 969408 | 79.95 | 188127 | 15.52 |
| 7 | Karnataka, India | 917571 | 1.12 | 12074 | 1.32 | 893617 | 97.39 | 11880 | 1.29 |
| 8 | Andhra Pradesh, India | 881599 | 1.08 | 7100 | 0.81 | 871116 | 98.81 | 3383 | 0.38 |
| 9 | South Africa | 1021451 | 1.25 | 27568 | 2.70 | 858456 | 84.04 | 135427 | 13.26 |
| 10 | Tamil Nadu, India | 816132 | 1.00 | 12092 | 1.48 | 795293 | 97.45 | 8747 | 1.07 |
| 11 | Kerala, India | 749450 | 0.92 | 3014 | 0.40 | 681397 | 90.92 | 65039 | 8.68 |
| 12 | Moscow, Russia | 798098 | 0.98 | 11064 | 1.39 | 615396 | 77.11 | 171638 | 21.51 |
| 13 | Delhi, India | 624118 | 0.76 | 10502 | 1.68 | 607494 | 97.34 | 6122 | 0.98 |
| 14 | Indonesia | 727122 | 0.89 | 21703 | 2.98 | 596783 | 82.07 | 108636 | 14.94 |

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| | | | | | | | | | | | | | | | |
|--|---------------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|--|--|--|--|--|--|
| 15 | Czechia | 685202 | 0.84 | 11302 | 1.65 | 576499 | 84.14 | 97401 | 14.21 | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| ##### | | | | | | | | | | | | | | | |
| #### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-30 :: 2020-12-30 01:02:36 | | | | | | | | | | | | | | | |
| ##### | | | | | | | | | | | | | | | |
| Number of Countries/Regions reported: 190 | | | | | | | | | | | | | | | |
| Number of Cities/Provinces reported: 574 | | | | | | | | | | | | | | | |
| Unique number of distinct geographical locations combined: 3967 | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | |
| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active | | | | | | |
| 1 | France | 2570767 | 3.14 | 63713 | 2.48 | 168011 | 6.54 | 2339043 | 90.99 | | | | | | |
| 2 | England, United Kingdom | 2046892 | 2.50 | 62379 | 3.05 | 0 | 0.00 | 1984513 | 96.95 | | | | | | |
| 3 | Los Angeles, California, US | 746089 | 0.91 | 9782 | 1.31 | 0 | 0.00 | 736307 | 98.69 | | | | | | |
| 4 | Lima, Peru | 447145 | 0.55 | 16730 | 3.74 | 0 | 0.00 | 430415 | 96.26 | | | | | | |
| 5 | Cook, Illinois, US | 388386 | 0.47 | 8169 | 2.10 | 0 | 0.00 | 380217 | 97.90 | | | | | | |
| 6 | Madrid, Spain | 391516 | 0.48 | 11753 | 3.00 | 40736 | 10.40 | 339027 | 86.59 | | | | | | |
| 7 | Serbia | 331755 | 0.41 | 3119 | 0.94 | 0 | 0.00 | 328636 | 99.06 | | | | | | |
| 8 | Catalonia, Spain | 349571 | 0.43 | 8663 | 2.48 | 26203 | 7.50 | 314705 | 90.03 | | | | | | |
| 9 | Maricopa, Arizona, US | 311242 | 0.38 | 5027 | 1.62 | 0 | 0.00 | 306215 | 98.38 | | | | | | |
| 10 | Ciudad de Mexico, Mexico | 320251 | 0.39 | 16385 | 5.12 | 0 | 0.00 | 303866 | 94.88 | | | | | | |
| 11 | Miami-Dade, Florida, US | 293188 | 0.36 | 4164 | 1.42 | 0 | 0.00 | 289024 | 98.58 | | | | | | |
| 12 | Andalusia, Spain | 261217 | 0.32 | 5083 | 1.95 | 10671 | 4.09 | 245463 | 93.97 | | | | | | |
| 13 | Harris, Texas, US | 234736 | 0.29 | 3348 | 1.43 | 0 | 0.00 | 231388 | 98.57 | | | | | | |
| 14 | Poland | 1268634 | 1.55 | 27454 | 2.16 | 1014005 | 79.93 | 227175 | 17.91 | | | | | | |
| 15 | Zuid-Holland, Netherlands | 198445 | 0.24 | 2773 | 1.40 | 0 | 0.00 | 195672 | 98.60 | | | | | | |
| ===== | | | | | | | | | | | | | | | |
| | Confirmed | Deaths | Recovered | Active | | | | | | | | | | | |
| Totals | 81845185 | 1767049 | 44202412 | NA | | | | | | | | | | | |
| Average | 20631.51 | 445.44 | 11142.53 | NA | | | | | | | | | | | |
| Standard Deviation | 103349.28 | 2595.82 | 77902.75 | NA | | | | | | | | | | | |
| * Statistical estimators computed considering 3967 independent reported entries | | | | | | | | | | | | | | | |
| ***** | | | | | | | | | | | | | | | |
| ***** OVERALL SUMMARY***** | | | | | | | | | | | | | | | |
| ***** | | | | | | | | | | | | | | | |
| **** | Time Series Worldwide TOTS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 81997042 | 1789908 | 46348935 | | | | | | | | | | | | |
| | 2.18% | 56.53% | | | | | | | | | | | | | |
| **** | Time Series Worldwide AVGS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 302572.11 | 6604.83 | 181050.53 | | | | | | | | | | | | |
| | 2.18% | 59.84% | | | | | | | | | | | | | |
| **** | Time Series Worldwide SDS **** | | | | | | | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | | | | | | | |
| | 1461793.4 | 28022.49 | 796025.1 | | | | | | | | | | | | |
| | 1.92% | 54.46% | | | | | | | | | | | | | |

* Statistical estimators computed considering 271/271/256 independent reported entries per case-type
