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covid19-SummaryReport_2020-08-24.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-08-23 :: 2020-08-24 01:02:22
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 23420418

| | Country.Region | Province.State | Totals | GlobalPerc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|------------|---------------|-------|-------|-------|-------|-------|
| 1 | US | | 5701679 | 24.34 | 34567 | 44572 | 48693 | 35112 | 49536 | 66439 |
| 2 | Brazil | | 3605783 | 15.40 | 23421 | 50032 | 30355 | 19373 | 22048 | 51147 |
| 3 | India | | 3106348 | 13.26 | 61408 | 69239 | 69876 | 55018 | 53601 | 48611 |
| 4 | Russia | | 954328 | 4.07 | 4797 | 4860 | 4838 | 4839 | 5081 | 5833 |
| 5 | South Africa | | 609773 | 2.60 | 2728 | 3707 | 3398 | 2541 | 3739 | 12204 |
| 6 | Peru | | 585236 | 2.50 | 9169 | 9008 | 8639 | 10143 | 5109 | 0 |
| 7 | Mexico | | 560164 | 2.39 | 3948 | 6482 | 5928 | 3571 | 5558 | 6751 |
| 8 | Colombia | | 541139 | 2.31 | 19001 | 0 | 8419 | 8328 | 10142 | 7254 |
| 9 | Chile | | 397665 | 1.70 | 1957 | 1939 | 1920 | 1556 | 1988 | 2288 |
| 10 | Spain | | 386054 | 1.65 | 0 | 0 | 8148 | 16269 | 8618 | 0 |
| 11 | Iran | | 358905 | 1.53 | 2113 | 2028 | 2206 | 2247 | 2132 | 2316 |
| 12 | Argentina | | 342154 | 1.46 | 5352 | 7759 | 8159 | 4557 | 7369 | 4814 |
| 13 | United Kingdom | | 325642 | 1.39 | 1041 | 1288 | 1033 | 713 | 816 | 767 |
| 14 | Saudi Arabia | | 307479 | 1.31 | 1109 | 1184 | 1213 | 1372 | 1257 | 2201 |
| 15 | Bangladesh | | 294598 | 1.26 | 1973 | 2265 | 2401 | 2595 | 2907 | 2520 |

Global Perc. Average: 0.38 (sd: 1.98)

Global Perc. Average in top 15 : 5.14 (sd: 6.89)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-08-23 :: 2020-08-24 01:02:22
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-deaths Totals: 808676

| | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|-------|---------------|-----|------|-----|------|------|
| 1 | US | | 176802 | 3.10 | 449 | 983 | 1115 | 445 | 525 | 901 |
| 2 | Brazil | | 114744 | 3.18 | 494 | 892 | 1054 | 684 | 703 | 1211 |
| 3 | Mexico | | 60480 | 10.80 | 226 | 644 | 504 | 266 | 705 | 729 |
| 4 | India | | 57542 | 1.85 | 836 | 912 | 945 | 876 | 871 | 702 |
| 5 | United Kingdom | | 41429 | 12.72 | 6 | 18 | 2 | 3 | 18 | 15 |
| 6 | Italy | | 35437 | 13.66 | 7 | 3 | 9 | 4 | 4 | 5 |
| 7 | France | | 30382 | 11.44 | 1 | 8 | 73 | 23 | -1 | 0 |
| 8 | Spain | | 28838 | 7.47 | 0 | 0 | 25 | 29 | 73 | 0 |
| 9 | Peru | | 27453 | 4.69 | 208 | 211 | 200 | 206 | 204 | 0 |
| 10 | Iran | | 20643 | 5.75 | 141 | 126 | 112 | 165 | 189 | 195 |
| 11 | Colombia | | 17316 | 3.20 | 748 | 0 | 385 | 275 | 312 | 294 |
| 12 | Russia | | 16341 | 1.71 | 73 | 120 | 90 | 54 | 70 | 146 |
| 13 | South Africa | | 13059 | 2.14 | 72 | 144 | 225 | 143 | 213 | 312 |
| 14 | Chile | | 10852 | 2.73 | 60 | 69 | 52 | 61 | 62 | 106 |

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15 Belgium 9992 12.19 4 3 9 5 7 4

```
#####
#### TS-RECOVERED Cases -- Data dated: 2020-08-23 :: 2020-08-24 01:02:22
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 253
```

Worldwide ts-recovered Totals: 15137203

| | Country.Region | Province.State | Totals | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1 | Brazil | | 2947784 | 33818 | 58408 | 11240 | 44063 | 33847 | 92145 |
| 2 | India | | 2338035 | 57469 | 57989 | 63631 | 57829 | 47746 | 36141 |
| 3 | US | | 1997761 | 12277 | 20428 | 18021 | 32513 | 13891 | 17790 |
| 4 | Russia | | 768906 | 3152 | 6115 | 5771 | 3129 | 3258 | 8336 |
| 5 | South Africa | | 506470 | 2343 | 4025 | 2933 | 5294 | 5726 | 17283 |
| 6 | Mexico | | 458123 | 5019 | 4760 | 5562 | 6542 | 8728 | 5437 |
| 7 | Peru | | 399357 | 18627 | 0 | 0 | 5350 | 0 | 0 |
| 8 | Colombia | | 374024 | 25084 | 0 | 9816 | 14089 | 8796 | 5803 |
| 9 | Chile | | 371179 | 1449 | 1833 | 1834 | 1557 | 1516 | 2473 |
| 10 | Iran | | 309464 | 1762 | 1836 | 1630 | 1671 | 2271 | 2107 |
| 11 | Saudi Arabia | | 280143 | 1702 | 1374 | 1591 | 1432 | 1439 | 2051 |
| 12 | Pakistan | | 276829 | 1512 | 1738 | 775 | 0 | 516 | 838 |
| 13 | Argentina | | 251400 | 5619 | 5975 | 6155 | 6148 | 0 | 2575 |
| 14 | Turkey | | 237165 | 795 | 801 | 772 | 1002 | 1211 | 1103 |
| 15 | Germany | | 207985 | 379 | 950 | 1297 | 1062 | 599 | 223 |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-08-24 :: 2020-08-24 01:02:23
#####
```

Number of Countries/Regions reported: 187
 Number of Cities/Provinces reported: 560
 Unique number of distinct geographical locations combined: 3941

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Sao Paulo, Brazil | 754129 | 3.22 | 28467 | 3.77 | 556798 | 73.83 | 168864 | 22.39 |
| 2 | Maharashtra, India | 682383 | 2.91 | 22253 | 3.26 | 488271 | 71.55 | 171859 | 25.19 |
| 3 | South Africa | 609773 | 2.60 | 13059 | 2.14 | 506470 | 83.06 | 90244 | 14.80 |
| 4 | Tamil Nadu, India | 379385 | 1.62 | 6517 | 1.72 | 319327 | 84.17 | 53541 | 14.11 |
| 5 | Iran | 358905 | 1.53 | 20643 | 5.75 | 309464 | 86.22 | 28798 | 8.02 |
| 6 | Andhra Pradesh, India | 353111 | 1.51 | 3282 | 0.93 | 260087 | 73.66 | 89742 | 25.41 |
| 7 | Argentina | 342154 | 1.46 | 6985 | 2.04 | 251400 | 73.48 | 83769 | 24.48 |
| 8 | Saudi Arabia | 307479 | 1.31 | 3649 | 1.19 | 280143 | 91.11 | 23687 | 7.70 |
| 9 | Bangladesh | 294598 | 1.26 | 3941 | 1.34 | 179091 | 60.79 | 111566 | 37.87 |
| 10 | Lima, Peru | 285149 | 1.22 | 12100 | 4.24 | 0 | 0.00 | 273049 | 95.76 |
| 11 | England, United Kingdom | 281457 | 1.20 | 36786 | 13.07 | 0 | 0.00 | 244671 | 86.93 |
| 12 | Karnataka, India | 277814 | 1.19 | 4683 | 1.69 | 189564 | 68.23 | 83567 | 30.08 |

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|-----------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------|----------------|--------|-------------|-----------|----------------|--------|-------------|----------|
| 13 | Metropolitana, Chile | 269691 | 1.15 | 8318 | 3.08 | 256469 | 95.10 | 4904 | 1.82 | |
| 14 | France | 265550 | 1.13 | 30382 | 11.44 | 72623 | 27.35 | 162545 | 61.21 | |
| 15 | Turkey | 258249 | 1.10 | 6121 | 2.37 | 237165 | 91.84 | 14963 | 5.79 | |
| ===== | | | | | | | | | | |
| ##### | | | | | | | | | | |
| #### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-24 :: 2020-08-24 01:02:23 | | | | | | | | | | |
| ##### | | | | | | | | | | |
| Number of Countries/Regions reported: 187 | | | | | | | | | | |
| Number of Cities/Provinces reported: 560 | | | | | | | | | | |
| Unique number of distinct geographical locations combined: 3941 | | | | | | | | | | |
| ----- | | | | | | | | | | |
| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active | |
| 1 | England, United Kingdom | 281457 | 1.20 | 36786 | 13.07 | 0 | 0.00 | 244671 | 86.93 | |
| 2 | France | 265550 | 1.13 | 30382 | 11.44 | 72623 | 27.35 | 162545 | 61.21 | |
| 3 | Sao Paulo, Brazil | 754129 | 3.22 | 28467 | 3.77 | 556798 | 73.83 | 168864 | 22.39 | |
| 4 | New York City, New York, US | 232120 | 0.99 | 23658 | 10.19 | 0 | 0.00 | 208462 | 89.81 | |
| 5 | Maharashtra, India | 682383 | 2.91 | 22253 | 3.26 | 488271 | 71.55 | 171859 | 25.19 | |
| 6 | Iran | 358905 | 1.53 | 20643 | 5.75 | 309464 | 86.22 | 28798 | 8.02 | |
| 7 | Lombardia, Italy | 98316 | 0.42 | 16856 | 17.14 | 75678 | 76.97 | 5782 | 5.88 | |
| 8 | Rio de Janeiro, Brazil | 210948 | 0.90 | 15292 | 7.25 | 188731 | 89.47 | 6925 | 3.28 | |
| 9 | South Africa | 609773 | 2.60 | 13059 | 2.14 | 506470 | 83.06 | 90244 | 14.80 | |
| 10 | Lima, Peru | 285149 | 1.22 | 12100 | 4.24 | 0 | 0.00 | 273049 | 95.76 | |
| 11 | Ciudad de Mexico, Mexico | 92096 | 0.39 | 10159 | 11.03 | 75198 | 81.65 | 6739 | 7.32 | |
| 12 | Belgium | 81936 | 0.35 | 9992 | 12.19 | 18225 | 22.24 | 53719 | 65.56 | |
| 13 | Madrid, Spain | 102382 | 0.44 | 8537 | 8.34 | 40736 | 39.79 | 53109 | 51.87 | |
| 14 | Metropolitana, Chile | 269691 | 1.15 | 8318 | 3.08 | 256469 | 95.10 | 4904 | 1.82 | |
| 15 | Ceara, Brazil | 205441 | 0.88 | 8289 | 4.03 | 175237 | 85.30 | 21915 | 10.67 | |
| ===== | | | | | | | | | | |
| ##### | | | | | | | | | | |
| #### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-24 :: 2020-08-24 01:02:23 | | | | | | | | | | |
| ##### | | | | | | | | | | |
| Number of Countries/Regions reported: 187 | | | | | | | | | | |
| Number of Cities/Provinces reported: 560 | | | | | | | | | | |
| Unique number of distinct geographical locations combined: 3941 | | | | | | | | | | |
| ----- | | | | | | | | | | |
| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active | |
| 1 | Sao Paulo, Brazil | 754129 | 3.22 | 28467 | 3.77 | 556798 | 73.83 | 168864 | 22.39 | |
| 2 | South Africa | 609773 | 2.60 | 13059 | 2.14 | 506470 | 83.06 | 90244 | 14.80 | |
| 3 | Maharashtra, India | 682383 | 2.91 | 22253 | 3.26 | 488271 | 71.55 | 171859 | 25.19 | |
| 4 | Tamil Nadu, India | 379385 | 1.62 | 6517 | 1.72 | 319327 | 84.17 | 53541 | 14.11 | |
| 5 | Iran | 358905 | 1.53 | 20643 | 5.75 | 309464 | 86.22 | 28798 | 8.02 | |
| 6 | Saudi Arabia | 307479 | 1.31 | 3649 | 1.19 | 280143 | 91.11 | 23687 | 7.70 | |
| 7 | Andhra Pradesh, India | 353111 | 1.51 | 3282 | 0.93 | 260087 | 73.66 | 89742 | 25.41 | |
| 8 | Metropolitana, Chile | 269691 | 1.15 | 8318 | 3.08 | 256469 | 95.10 | 4904 | 1.82 | |
| 9 | Argentina | 342154 | 1.46 | 6985 | 2.04 | 251400 | 73.48 | 83769 | 24.48 | |
| 10 | Turkey | 258249 | 1.10 | 6121 | 2.37 | 237165 | 91.84 | 14963 | 5.79 | |
| 11 | Bahia, Brazil | 236050 | 1.01 | 4905 | 2.08 | 218508 | 92.57 | 12637 | 5.35 | |
| 12 | Moscow, Russia | 257124 | 1.10 | 4731 | 1.84 | 204786 | 79.64 | 47607 | 18.52 | |
| 13 | Karnataka, India | 277814 | 1.19 | 4683 | 1.69 | 189564 | 68.23 | 83567 | 30.08 | |
| 14 | Rio de Janeiro, Brazil | 210948 | 0.90 | 15292 | 7.25 | 188731 | 89.47 | 6925 | 3.28 | |

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| | | | | | | | | | |
|----|------------|--------|------|------|------|--------|-------|--------|-------|
| 15 | Bangladesh | 294598 | 1.26 | 3941 | 1.34 | 179091 | 60.79 | 111566 | 37.87 |
|----|------------|--------|------|------|------|--------|-------|--------|-------|

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#####
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-08-24 :: 2020-08-24 01:02:23
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#####
```

```
Number of Countries/Regions reported: 187
```

```
Number of Cities/Provinces reported: 560
```

```
Unique number of distinct geographical locations combined: 3941
```

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Lima, Peru | 285149 | 1.22 | 12100 | 4.24 | 0 | 0.00 | 273049 | 95.76 |
| 2 | England, United Kingdom | 281457 | 1.20 | 36786 | 13.07 | 0 | 0.00 | 244671 | 86.93 |
| 3 | Los Angeles, California, US | 231695 | 0.99 | 5545 | 2.39 | 0 | 0.00 | 226150 | 97.61 |
| 4 | New York City, New York, US | 232120 | 0.99 | 23658 | 10.19 | 0 | 0.00 | 208462 | 89.81 |
| 5 | Maharashtra, India | 682383 | 2.91 | 22253 | 3.26 | 488271 | 71.55 | 171859 | 25.19 |
| 6 | Sao Paulo, Brazil | 754129 | 3.22 | 28467 | 3.77 | 556798 | 73.83 | 168864 | 22.39 |
| 7 | France | 265550 | 1.13 | 30382 | 11.44 | 72623 | 27.35 | 162545 | 61.21 |
| 8 | Miami-Dade, Florida, US | 151986 | 0.65 | 2243 | 1.48 | 0 | 0.00 | 149743 | 98.52 |
| 9 | Maricopa, Arizona, US | 131787 | 0.56 | 2790 | 2.12 | 0 | 0.00 | 128997 | 97.88 |
| 10 | Cook, Illinois, US | 121308 | 0.52 | 5013 | 4.13 | 0 | 0.00 | 116295 | 95.87 |
| 11 | Bangladesh | 294598 | 1.26 | 3941 | 1.34 | 179091 | 60.79 | 111566 | 37.87 |
| 12 | Harris, Texas, US | 98506 | 0.42 | 2028 | 2.06 | 0 | 0.00 | 96478 | 97.94 |
| 13 | South Africa | 609773 | 2.60 | 13059 | 2.14 | 506470 | 83.06 | 90244 | 14.80 |
| 14 | Andhra Pradesh, India | 353111 | 1.51 | 3282 | 0.93 | 260087 | 73.66 | 89742 | 25.41 |
| 15 | Argentina | 342154 | 1.46 | 6985 | 2.04 | 251400 | 73.48 | 83769 | 24.48 |

| | Confirmed | Deaths | Recovered | Active |
|--------------------|-----------|---------|-----------|--------|
| Totals | 23420025 | 808406 | 12739896 | NA |
| Average | 5942.66 | 205.13 | 3232.66 | NA |
| Standard Deviation | 30723.38 | 1331.41 | 22804.09 | NA |

```
* Statistical estimators computed considering 3941 independent reported entries
```

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

```
**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
23420418      808676 15137203
3.45%         64.63%

**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
88046.68     3040.14 59830.84
3.45%         67.95%

**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
463090.25    14591.4 277652.5
3.15%         59.96%
```

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* Statistical estimators computed considering 266/266/253 independent reported entries per case-type
