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covid19-SummaryReport_2020-05-21.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-05-20 :: 2020-05-21 13:01:44
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
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Worldwide ts-confirmed Totals: 4996472

| | Country.Region | Province.State | Totals | GlobalPerc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|------------|---------------|-------|-------|-------|-------|-------|
| 1 | US | | 1551853 | 31.06 | 23285 | 20260 | 21551 | 27368 | 27692 | 27157 |
| 2 | Russia | | 308705 | 6.18 | 8764 | 9263 | 8926 | 9974 | 11231 | 5642 |
| 3 | Brazil | | 291579 | 5.84 | 19694 | 16517 | 14288 | 13028 | 9162 | 2336 |
| 4 | United Kingdom | | 248293 | 4.97 | -525 | 2412 | 2711 | 3446 | 5614 | 4301 |
| 5 | Spain | | 232555 | 4.65 | 518 | 431 | 908 | 849 | 1122 | 3968 |
| 6 | Italy | | 227364 | 4.55 | 665 | 813 | 451 | 992 | 1401 | 2729 |
| 7 | France | | 179069 | 3.58 | 641 | 874 | 314 | 731 | 575 | 2733 |
| 8 | Germany | | 178473 | 3.57 | 695 | 1227 | 182 | 380 | 1268 | 1226 |
| 9 | Turkey | | 152587 | 3.05 | 972 | 1022 | 1158 | 1635 | 1977 | 4611 |
| 10 | Iran | | 126949 | 2.54 | 2346 | 2111 | 2294 | 1808 | 1485 | 1297 |
| 11 | India | | 112028 | 2.24 | 5553 | 6147 | 4630 | 3942 | 3364 | 1541 |
| 12 | Peru | | 104020 | 2.08 | 4537 | 4550 | 2660 | 4298 | 3709 | 1512 |
| 13 | China | Hubei | 68135 | 1.36 | 0 | 0 | 1 | 0 | 0 | 0 |
| 14 | Saudi Arabia | | 62545 | 1.25 | 2691 | 2509 | 2593 | 2039 | 1793 | 1147 |
| 15 | Mexico | | 56594 | 1.13 | 2248 | 2713 | 2414 | 2409 | 1982 | 729 |

Global Perc. Average: 0.38 (sd: 2.07)

Global Perc. Average in top 15 : 5.2 (sd: 7.34)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-05-20 :: 2020-05-21 13:01:44
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
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Worldwide ts-deaths Totals: 328115

| | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|-------|---------------|------|-----|------|------|------|
| 1 | US | | 93439 | 6.02 | 1518 | 1574 | 785 | 1779 | 2207 | 2400 |
| 2 | United Kingdom | | 35704 | 14.38 | 363 | 545 | 160 | 428 | 539 | 1172 |
| 3 | Italy | | 32330 | 14.22 | 161 | 162 | 99 | 262 | 274 | 534 |
| 4 | France | | 28084 | 15.68 | 108 | -217 | 131 | 349 | 177 | 525 |
| 5 | Spain | | 27888 | 11.99 | 110 | 69 | 146 | 217 | 213 | 430 |
| 6 | Brazil | | 18859 | 6.47 | 876 | 1130 | 735 | 759 | 602 | 154 |
| 7 | Belgium | | 9150 | 16.34 | 42 | 28 | 28 | 60 | 76 | 170 |
| 8 | Germany | | 8144 | 4.56 | 63 | 78 | 41 | 23 | 117 | 171 |
| 9 | Iran | | 7183 | 5.66 | 64 | 62 | 69 | 71 | 68 | 88 |
| 10 | Mexico | | 6090 | 10.76 | 424 | 334 | 155 | 257 | 257 | 145 |
| 11 | Netherlands | | 5748 | 12.93 | 33 | 21 | 14 | 28 | 84 | 165 |
| 12 | China | Hubei | 4512 | 6.62 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | Turkey | | 4222 | 2.77 | 23 | 28 | 31 | 55 | 57 | 119 |
| 14 | Sweden | | 3831 | 12.15 | 88 | 45 | 19 | 69 | 99 | 185 |

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| | | | | | | | | | | |
|----|--------|--------|------|------|----|----|----|-----|-----|-----|
| 15 | Canada | Quebec | 3719 | 8.30 | 71 | 51 | 34 | 131 | 121 | 105 |
|----|--------|--------|------|------|----|----|----|-----|-----|-----|

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-05-20 :: 2020-05-21 13:01:44
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 253
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Worldwide ts-recovered Totals: 1897466

| | Country.Region | Province.State | Totals | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|--------|---------------|------|-------|------|------|------|
| 1 | US | | 294312 | 4920 | 6214 | 10913 | 2984 | 5126 | 2875 |
| 2 | Germany | | 156966 | 1285 | 640 | 1030 | 1600 | 1800 | 3700 |
| 3 | Spain | | 150376 | 0 | 0 | 3930 | 2551 | 2509 | 1927 |
| 4 | Italy | | 132282 | 2881 | 2075 | 2150 | 2747 | 3031 | 2723 |
| 5 | Brazil | | 116683 | 9889 | 6335 | 6337 | 1055 | 3980 | 861 |
| 6 | Turkey | | 113987 | 1092 | 1318 | 1615 | 2315 | 4782 | 1488 |
| 7 | Iran | | 98808 | 1635 | 1512 | 1197 | 1111 | 1157 | 1692 |
| 8 | Russia | | 85392 | 9262 | 5921 | 2836 | 5527 | 2476 | 427 |
| 9 | China | Hubei | 63616 | 0 | 0 | 0 | 0 | 0 | 3 |
| 10 | France | | 61713 | 467 | 830 | 509 | 932 | 1054 | 1761 |
| 11 | India | | 45422 | 3113 | 3076 | 2438 | 1569 | 1445 | 702 |
| 12 | Peru | | 41968 | 5444 | 6218 | 1685 | 827 | 861 | 14 |
| 13 | Canada | | 40793 | 724 | 818 | 688 | 927 | 1076 | 645 |
| 14 | Mexico | | 38419 | 1094 | 1937 | 2059 | 1485 | 0 | 0 |
| 15 | Saudi Arabia | | 33478 | 1844 | 2886 | 3026 | 1429 | 1015 | 150 |

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-05-21 :: 2020-05-21 13:01:44
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 270
Unique number of distinct geographical locations combined: 3394
```

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Russia | 308705 | 6.18 | 2972 | 0.96 | 85392 | 27.66 | 220341 | 71.38 |
| 2 | United Kingdom | 248293 | 4.97 | 35704 | 14.38 | 0 | 0.00 | 212589 | 85.62 |
| 3 | New York City, New York, US | 194550 | 3.89 | 20934 | 10.76 | 0 | 0.00 | 173616 | 89.24 |
| 4 | France | 179069 | 3.58 | 28084 | 15.68 | 61713 | 34.46 | 89272 | 49.85 |
| 5 | Turkey | 152587 | 3.05 | 4222 | 2.77 | 113987 | 74.70 | 34378 | 22.53 |
| 6 | Iran | 126949 | 2.54 | 7183 | 5.66 | 98808 | 77.83 | 20958 | 16.51 |
| 7 | India | 112028 | 2.24 | 3434 | 3.07 | 45422 | 40.55 | 63172 | 56.39 |
| 8 | Peru | 104020 | 2.08 | 3024 | 2.91 | 41968 | 40.35 | 59028 | 56.75 |
| 9 | Lombardia, Italy | 85775 | 1.72 | 15662 | 18.26 | 43442 | 50.65 | 26671 | 31.09 |
| 10 | Sao Paulo, Brazil | 69859 | 1.40 | 5363 | 7.68 | 0 | 0.00 | 64496 | 92.32 |
| 11 | Hubei, China | 68135 | 1.36 | 4512 | 6.62 | 63616 | 93.37 | 7 | 0.01 |
| 12 | Madrid, Spain | 66860 | 1.34 | 8912 | 13.33 | 0 | 0.00 | 57948 | 86.67 |

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|----|--------------------|-------|------|------|-------|-------|-------|-------|-------|
| 13 | Cook, Illinois, US | 66213 | 1.33 | 3074 | 4.64 | 0 | 0.00 | 63139 | 95.36 |
| 14 | Saudi Arabia | 62545 | 1.25 | 339 | 0.54 | 33478 | 53.53 | 28728 | 45.93 |
| 15 | Belgium | 55983 | 1.12 | 9150 | 16.34 | 14847 | 26.52 | 31986 | 57.14 |

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-05-21 :: 2020-05-21 13:01:44

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 270
 Unique number of distinct geographical locations combined: 3394

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | United Kingdom | 248293 | 4.97 | 35704 | 14.38 | 0 | 0.00 | 212589 | 85.62 |
| 2 | France | 179069 | 3.58 | 28084 | 15.68 | 61713 | 34.46 | 89272 | 49.85 |
| 3 | New York City, New York, US | 194550 | 3.89 | 20934 | 10.76 | 0 | 0.00 | 173616 | 89.24 |
| 4 | Lombardia, Italy | 85775 | 1.72 | 15662 | 18.26 | 43442 | 50.65 | 26671 | 31.09 |
| 5 | Belgium | 55983 | 1.12 | 9150 | 16.34 | 14847 | 26.52 | 31986 | 57.14 |
| 6 | Madrid, Spain | 66860 | 1.34 | 8912 | 13.33 | 0 | 0.00 | 57948 | 86.67 |
| 7 | Iran | 126949 | 2.54 | 7183 | 5.66 | 98808 | 77.83 | 20958 | 16.51 |
| 8 | Catalonia, Spain | 55888 | 1.12 | 6021 | 10.77 | 0 | 0.00 | 49867 | 89.23 |
| 9 | Netherlands | 44447 | 0.89 | 5748 | 12.93 | 0 | 0.00 | 38699 | 87.07 |
| 10 | Sao Paulo, Brazil | 69859 | 1.40 | 5363 | 7.68 | 0 | 0.00 | 64496 | 92.32 |
| 11 | Hubei, China | 68135 | 1.36 | 4512 | 6.62 | 63616 | 93.37 | 7 | 0.01 |
| 12 | Turkey | 152587 | 3.05 | 4222 | 2.77 | 113987 | 74.70 | 34378 | 22.53 |
| 13 | Emilia-Romagna, Italy | 27364 | 0.55 | 4008 | 14.65 | 18258 | 66.72 | 5098 | 18.63 |
| 14 | Sweden | 31523 | 0.63 | 3831 | 12.15 | 4971 | 15.77 | 22721 | 72.08 |
| 15 | Quebec, Canada | 44784 | 0.90 | 3719 | 8.30 | 12822 | 28.63 | 28243 | 63.06 |

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-05-21 :: 2020-05-21 13:01:44

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 270
 Unique number of distinct geographical locations combined: 3394

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|------------------------------|-----------|----------------|--------|-------------|-----------|----------------|---------|-------------|
| 1 | Recovered, US | 0 | 0.00 | 0 | NaN | 294312 | Inf | -296007 | -Inf |
| 2 | Unknown, Spain | 0 | 0.00 | 0 | NaN | 150376 | Inf | -150376 | -Inf |
| 3 | Unknown, Brazil | 0 | 0.00 | 0 | NaN | 116683 | Inf | -116683 | -Inf |
| 4 | Turkey | 152587 | 3.05 | 4222 | 2.77 | 113987 | 74.70 | 34378 | 22.53 |
| 5 | Iran | 126949 | 2.54 | 7183 | 5.66 | 98808 | 77.83 | 20958 | 16.51 |
| 6 | Russia | 308705 | 6.18 | 2972 | 0.96 | 85392 | 27.66 | 220341 | 71.38 |
| 7 | Hubei, China | 68135 | 1.36 | 4512 | 6.62 | 63616 | 93.37 | 7 | 0.01 |
| 8 | France | 179069 | 3.58 | 28084 | 15.68 | 61713 | 34.46 | 89272 | 49.85 |
| 9 | India | 112028 | 2.24 | 3434 | 3.07 | 45422 | 40.55 | 63172 | 56.39 |
| 10 | Lombardia, Italy | 85775 | 1.72 | 15662 | 18.26 | 43442 | 50.65 | 26671 | 31.09 |
| 11 | Peru | 104020 | 2.08 | 3024 | 2.91 | 41968 | 40.35 | 59028 | 56.75 |
| 12 | Bayern, Germany | 46084 | 0.92 | 2353 | 5.11 | 40750 | 88.43 | 2981 | 6.47 |
| 13 | Saudi Arabia | 62545 | 1.25 | 339 | 0.54 | 33478 | 53.53 | 28728 | 45.93 |
| 14 | Nordrhein-Westfalen, Germany | 36766 | 0.74 | 1537 | 4.18 | 32700 | 88.94 | 2529 | 6.88 |

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|---|---------------------------------|-----------|----------------|---------|-------------|-----------|----------------|--------|-------------|
| 15 | Baden-Wurttemberg, Germany | 34130 | 0.68 | 1679 | 4.92 | 30600 | 89.66 | 1851 | 5.42 |
| ===== | | | | | | | | | |
| ##### | | | | | | | | | |
| ##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-05-21 :: 2020-05-21 13:01:44 | | | | | | | | | |
| ##### | | | | | | | | | |
| Number of Countries/Regions reported: 188 | | | | | | | | | |
| Number of Cities/Provinces reported: 270 | | | | | | | | | |
| Unique number of distinct geographical locations combined: 3394 | | | | | | | | | |
| ----- | | | | | | | | | |
| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
| 1 | Russia | 308705 | 6.18 | 2972 | 0.96 | 85392 | 27.66 | 220341 | 71.38 |
| 2 | United Kingdom | 248293 | 4.97 | 35704 | 14.38 | 0 | 0.00 | 212589 | 85.62 |
| 3 | New York City, New York, US | 194550 | 3.89 | 20934 | 10.76 | 0 | 0.00 | 173616 | 89.24 |
| 4 | France | 179069 | 3.58 | 28084 | 15.68 | 61713 | 34.46 | 89272 | 49.85 |
| 5 | Sao Paulo, Brazil | 69859 | 1.40 | 5363 | 7.68 | 0 | 0.00 | 64496 | 92.32 |
| 6 | India | 112028 | 2.24 | 3434 | 3.07 | 45422 | 40.55 | 63172 | 56.39 |
| 7 | Cook, Illinois, US | 66213 | 1.33 | 3074 | 4.64 | 0 | 0.00 | 63139 | 95.36 |
| 8 | Peru | 104020 | 2.08 | 3024 | 2.91 | 41968 | 40.35 | 59028 | 56.75 |
| 9 | Madrid, Spain | 66860 | 1.34 | 8912 | 13.33 | 0 | 0.00 | 57948 | 86.67 |
| 10 | Catalonia, Spain | 55888 | 1.12 | 6021 | 10.77 | 0 | 0.00 | 49867 | 89.23 |
| 11 | Metropolitana, Chile | 41179 | 0.82 | 348 | 0.85 | 0 | 0.00 | 40831 | 99.15 |
| 12 | Los Angeles, California, US | 40895 | 0.82 | 1973 | 4.82 | 0 | 0.00 | 38922 | 95.18 |
| 13 | Netherlands | 44447 | 0.89 | 5748 | 12.93 | 0 | 0.00 | 38699 | 87.07 |
| 14 | Nassau, New York, US | 39368 | 0.79 | 2065 | 5.25 | 0 | 0.00 | 37303 | 94.75 |
| 15 | Suffolk, New York, US | 38411 | 0.77 | 1791 | 4.66 | 0 | 0.00 | 36620 | 95.34 |
| ===== | | | | | | | | | |
| | Confirmed | Deaths | Recovered | Active | | | | | |
| Totals | 4996472 | 328115 | 1897466 | 2769196 | | | | | |
| Average | 1472.15 | 96.68 | 559.06 | 815.91 | | | | | |
| Standard Deviation | 10403.05 | 987.6 | 7209.67 | 9502.09 | | | | | |
| * Statistical estimators computed considering 3394 independent reported entries | | | | | | | | | |
| ***** | | | | | | | | | |
| ***** OVERALL SUMMARY***** | | | | | | | | | |
| ***** | | | | | | | | | |
| **** | Time Series Worldwide TOTS **** | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | |
| | 4996472 | 328115 | 1897466 | | | | | | |
| | | 6.57% | 37.98% | | | | | | |
| **** | Time Series Worldwide AVGS **** | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | |
| | 18783.73 | 1233.52 | 7499.87 | | | | | | |
| | | 6.57% | 39.93% | | | | | | |
| **** | Time Series Worldwide SDS **** | | | | | | | | |
| | ts-confirmed | ts-deaths | ts-recovered | | | | | | |
| | 103303.02 | 6995.26 | 28236.32 | | | | | | |
| | | 6.77% | 27.33% | | | | | | |

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