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#############################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-12-09  ::  2020-12-10 01:02:32
#############################################################################
   Number of Countries/Regions reported:  191
   Number of Cities/Provinces reported:  84
   Unique number of distinct geographical locations combined: 271
------------------------------------------------------------------------------
   Worldwide ts-confirmed  Totals: 68894596
------------------------------------------------------------------------------
```

| | Country.Region | Province.State | Totals | GlobalPerc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | US | | 15386562 | 22.33 | 221267 | 215878 | 192435 | 217680 | 110654 | 137694 |
| 2 | India | | 9767371 | 14.18 | 31521 | 32080 | 26567 | 36595 | 43082 | 44281 |
| 3 | Brazil | | 6728452 | 9.77 | 53453 | 51088 | 20371 | 50434 | 37614 | 23973 |
| 4 | Russia | | 2518551 | 3.66 | 25838 | 25752 | 27798 | 27829 | 25195 | 20765 |
| 5 | France | | 2321996 | 3.37 | 14126 | 13713 | 3266 | 12661 | 13541 | 21454 |
| 6 | Italy | | 1770149 | 2.57 | 12755 | 14837 | 13679 | 23219 | 29001 | 35090 |
| 7 | United Kingdom | | 1766819 | 2.56 | 16578 | 12281 | 14718 | 14878 | 17555 | 20412 |
| 8 | Spain | | 1712101 | 2.49 | 9773 | 0 | 17681 | 10127 | 12289 | 0 |
| 9 | Argentina | | 1475222 | 2.14 | 5303 | 3610 | 3199 | 7629 | 9043 | 11977 |
| 10 | Colombia | | 1392133 | 2.02 | 7523 | 7510 | 5997 | 9233 | 9496 | 6292 |
| 11 | Germany | | 1254358 | 1.82 | 25089 | 29263 | 5456 | 23591 | 21951 | 26547 |
| 12 | Mexico | | 1205229 | 1.75 | 11974 | 11006 | 6399 | 11030 | 8107 | 5746 |
| 13 | Poland | | 1088346 | 1.58 | 12166 | 8310 | 4421 | 14863 | 16690 | 25454 |
| 14 | Iran | | 1072620 | 1.56 | 10223 | 11023 | 10827 | 13922 | 13961 | 10339 |
| 15 | Peru | | 976621 | 1.42 | 2709 | 0 | 1224 | 3470 | 0 | 1194 |

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   Global Perc. Average:  0.37 (sd: 1.76)
   Global Perc. Average in top  15 :  4.88 (sd: 6)
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#############################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-12-09  ::  2020-12-10 01:02:33
#############################################################################
   Number of Countries/Regions reported:  191
   Number of Cities/Provinces reported:  84
   Unique number of distinct geographical locations combined: 271
------------------------------------------------------------------------------
   Worldwide ts-deaths  Totals: 1569374
------------------------------------------------------------------------------
```

| | Country.Region | Province.State | Totals | Perc | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | US | | 289373 | 1.88 | 3124 | 2546 | 1404 | 2879 | 1234 | 1381 |
| 2 | Brazil | | 178995 | 2.66 | 836 | 842 | 376 | 755 | 691 | 174 |
| 3 | India | | 141772 | 1.45 | 412 | 402 | 385 | 540 | 492 | 512 |
| 4 | Mexico | | 111655 | 9.26 | 781 | 800 | 357 | 608 | 645 | 617 |
| 5 | United Kingdom | | 62566 | 3.54 | 533 | 599 | 189 | 414 | 498 | 532 |
| 6 | Italy | | 61739 | 3.49 | 499 | 634 | 528 | 993 | 822 | 580 |
| 7 | France | | 56293 | 2.42 | 292 | 831 | 366 | 324 | 339 | 1210 |
| 8 | Iran | | 51212 | 4.77 | 295 | 323 | 284 | 358 | 482 | 453 |
| 9 | Spain | | 47019 | 2.75 | 373 | 0 | 394 | 254 | 337 | 0 |
| 10 | Russia | | 44220 | 1.76 | 546 | 552 | 447 | 543 | 515 | 353 |
| 11 | Argentina | | 40222 | 2.73 | 213 | 121 | 118 | 149 | 227 | 276 |
| 12 | Colombia | | 38308 | 2.75 | 150 | 163 | 187 | 188 | 159 | 154 |
| 13 | Peru | | 36401 | 3.73 | 127 | 0 | 43 | 110 | 0 | 64 |
| 14 | South Africa | | 22574 | 2.72 | 142 | 183 | 43 | 94 | 88 | 106 |

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15        Poland                          21160 1.94           568  411   92  620  580  330
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###############################################################################
  ##### TS-RECOVERED Cases  -- Data dated:  2020-12-09  ::  2020-12-10 01:02:33
###############################################################################
  Number of Countries/Regions reported:  191
  Number of Cities/Provinces reported:  68
  Unique number of distinct geographical locations combined: 256
-------------------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 44382129
-------------------------------------------------------------------------------
   Country.Region Province.State   Totals LastDayChange   t-2    t-3    t-7   t-14   t-30
1           India                 9253306       37725  36635  39045  42916  39379  54377
2          Brazil                 5966118         626  67966  30869  33245  22877  20744
3              US                 5889896      102981  72358  90113  81890  35247  33028
4          Russia                 1989710       25846  24471  18649  29084  24612  15300
5       Argentina                 1311488        5901   4891   6004   6317   9378   8320
6        Colombia                 1287597        9271  10731  10185   7480   6794 -66151
7           Italy                  997895       39266  25497  19638  23474  24031  17734
8         Germany                  929272       20214  20357  20416  21527  19164   2781
9            Peru                  911113        1724   1735      0   2235   2272   4455
10         Mexico                  889168        8118   7495   7369   6664   5544      0
11         Poland                  768241       29396  16399  15726  23580  25342  11290
12           Iran                  765639       11415  11269  12157  11261   7669   5053
13   South Africa                  754658        1586   7322    970   5062      0   2468
14          Chile                  539171        1444   1460   1478    969   1067   1238
15           Iraq                  499846        1782   2339   2158   1550   2322   2432
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###############################################################################################################################
  ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-12-10  ::  2020-12-10 01:02:33
###############################################################################################################################
  Number of Countries/Regions reported: 190
  Number of Cities/Provinces reported: 574
  Unique number of distinct geographical locations combined: 3963
-------------------------------------------------------------------------------
                  Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered  Active Perc.Active
1       Maharashtra, India   1864348           2.80  47902        2.57   1742131          93.44   74315        3.99
2   England, United Kingdom   1514139           2.27  54736        3.61         0           0.00 1459403       96.39
3                Argentina   1475222           2.22  40222        2.73   1311488          88.90  123512        8.37
4         Sao Paulo, Brazil   1306585           1.96  43461        3.33   1157066          88.56  106058        8.12
5                   Poland   1088346           1.64  21160        1.94    768241          70.59  298945       27.47
6                     Iran   1072620           1.61  51212        4.77    765639          71.38  255769       23.85
7                   Turkey    925342           1.39  15531        1.68    447361          48.35  462450       49.98
8          Karnataka, India    896563           1.35  11900        1.33    861588          96.10   23075        2.57
9     Andhra Pradesh, India    873457           1.31   7045        0.81    861153          98.59    5259        0.60
10            South Africa    828598           1.24  22574        2.72    754658          91.08   51366        6.20
11        Tamil Nadu, India    794020           1.19  11836        1.49    771693          97.19   10491        1.32
12         Moscow, Russia    665218           1.00   9571        1.44    507149          76.24  148498       22.32
```

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13          Kerala, India    649571      0.98    2507    0.39    586998      90.37   60066       9.25
14           Delhi, India    599575      0.90    9813    1.64    569216      94.94   20546       3.43
15              Indonesia    592900      0.89   18171    3.06    487445      82.21   87284      14.72
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   ##### AGGREGATED Data  -- ORDERED BY  DEATHS Cases  -- Data dated:  2020-12-10  ::  2020-12-10 01:02:33
##############################################################################################################

   Number of Countries/Regions reported: 190
   Number of Cities/Provinces reported: 574
   Unique number of distinct geographical locations combined: 3963
--------------------------------------------------------------------------------------------------------------

                    Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered  Active Perc.Active
1   England, United Kingdom   1514139          2.27  54736        3.61         0           0.00 1459403      96.39
2                      Iran   1072620          1.61  51212        4.77    765639          71.38  255769      23.85
3         Maharashtra, India  1864348          2.80  47902        2.57   1742131          93.44   74315       3.99
4          Sao Paulo, Brazil  1306585          1.96  43461        3.33   1157066          88.56  106058       8.12
5                 Argentina   1475222          2.22  40222        2.73   1311488          88.90  123512       8.37
6      Rio de Janeiro, Brazil   378084          0.57  23430        6.20    344192          91.04   10462       2.77
7            Lombardia, Italy   433560          0.65  23277        5.37    320380          73.90   89903      20.74
8               South Africa    828598          1.24  22574        2.72    754658          91.08   51366       6.20
9                     Poland   1088346          1.64  21160        1.94    768241          70.59  298945      27.47
10                 Indonesia    592900          0.89  18171        3.06    487445          82.21   87284      14.72
11           Mexico, Mexico    120284          0.18  16411       13.64         0           0.00  103873      86.36
12               Lima, Peru    434589          0.65  16291        3.75         0           0.00  418298      96.25
13                   Turkey    925342          1.39  15531        1.68    447361          48.35  462450      49.98
14 Ciudad de Mexico, Mexico    244062          0.37  14286        5.85         0           0.00  229776      94.15
15                  Ecuador    199228          0.30  13814        6.93    174188          87.43   11226       5.63
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   ##### AGGREGATED Data  -- ORDERED BY  RECOVERED Cases  -- Data dated:  2020-12-10  ::  2020-12-10 01:02:33
##############################################################################################################

   Number of Countries/Regions reported: 190
   Number of Cities/Provinces reported: 574
   Unique number of distinct geographical locations combined: 3963
--------------------------------------------------------------------------------------------------------------

                    Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1       Maharashtra, India   1864348          2.80  47902        2.57   1742131          93.44  74315       3.99
2                 Argentina   1475222          2.22  40222        2.73   1311488          88.90 123512       8.37
3         Sao Paulo, Brazil   1306585          1.96  43461        3.33   1157066          88.56 106058       8.12
4         Karnataka, India    896563          1.35  11900        1.33    861588          96.10  23075       2.57
5    Andhra Pradesh, India    873457          1.31   7045        0.81    861153          98.59   5259       0.60
6        Tamil Nadu, India    794020          1.19  11836        1.49    771693          97.19  10491       1.32
7                     Poland   1088346          1.64  21160        1.94    768241          70.59 298945      27.47
8                      Iran   1072620          1.61  51212        4.77    765639          71.38 255769      23.85
9               South Africa    828598          1.24  22574        2.72    754658          91.08  51366       6.20
10            Kerala, India    649571          0.98   2507        0.39    586998          90.37  60066       9.25
11             Delhi, India    599575          0.90   9813        1.64    569216          94.94  20546       3.43
12     Uttar Pradesh, India    559499          0.84   7987        1.43    530854          94.88  20658       3.69
13           Moscow, Russia    665218          1.00   9571        1.44    507149          76.24 148498      22.32
14                      Iraq    569873          0.86  12501        2.19    499846          87.71  57526      10.09
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15          Czechia    556927       0.84   9136       1.64    489759        87.94  58032        10.42
==================================================================================================================


#####################################################################################################################

    ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-12-10  ::  2020-12-10 01:02:33
#####################################################################################################################

   Number of Countries/Regions reported: 190
   Number of Cities/Provinces reported: 574
   Unique number of distinct geographical locations combined: 3963
---------------------------------------------------------------------------------------------------------------------


                       Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered  Active Perc.Active
1       England, United Kingdom  1514139          2.27  54736        3.61       0           0.00 1459403       96.39
2   Los Angeles, California, US   475271          0.71   8075        1.70       0           0.00  467196       98.30
3                        Turkey   925342          1.39  15531        1.68  447361          48.35  462450       49.98
4                    Lima, Peru   434589          0.65  16291        3.75       0           0.00  418298       96.25
5              Cook, Illinois, US 338093          0.51   7134        2.11       0           0.00  330959       97.89
6                 Madrid, Spain   357531          0.54  11449        3.20   40736          11.39  305346       85.40
7                        Poland  1088346          1.64  21160        1.94  768241          70.59  298945       27.47
8              Catalonia, Spain   314471          0.47   8248        2.62   26203           8.33  280020       89.04
9                          Iran  1072620          1.61  51212        4.77  765639          71.38  255769       23.85
10   Miami-Dade, Florida, US      249043          0.37   3930        1.58       0           0.00  245113       98.42
11                       Serbia   241831          0.36   2116        0.87       0           0.00  239715       99.13
12      Maricopa, Arizona, US      239417          0.36   4213        1.76       0           0.00  235204       98.24
13    Ciudad de Mexico, Mexico    244062          0.37  14286        5.85       0           0.00  229776       94.15
14            Andalusia, Spain    243063          0.37   4437        1.83   10671           4.39  227955       93.78
15           Harris, Texas, US    201496          0.30   3103        1.54       0           0.00  198393       98.46
==================================================================================================================


       Confirmed      Deaths    Recovered      Active
 Totals
       66562476      1494751  36541564         NA
 Average
       16795.98       377.18   9220.68 NA
 Standard Deviation
       79168.07      2172.75  63750.85         NA


 * Statistical estimators computed considering 3963 independent reported entries


**********************************************************************************
******************************* OVERALL SUMMARY*********************************
**********************************************************************************
 ****   Time Series Worldwide TOTS ****
        ts-confirmed  ts-deaths     ts-recovered
        68894596      1569374 44382129
                      2.28%         64.42%
 ****   Time Series Worldwide AVGS ****
        ts-confirmed  ts-deaths     ts-recovered
        254223.6      5791.05 173367.69
                      2.28%         68.19%
 ****   Time Series Worldwide SDS ****
        ts-confirmed  ts-deaths     ts-recovered
        1214616.69    24769.53      802406.59
                      2.04%         66.06%
```

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