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###############################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-11-16  ::  2020-11-17 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-confirmed  Totals: 55014346
-------------------------------------------------------------------------------
   Country.Region Province.State   Totals GlobalPerc LastDayChange    t-2     t-3     t-7    t-14   t-30
1              US                11195388      20.35        158453 133045  166555  140290 123056  49339
2           India                 8873541      16.13         28414  30548   41100   44281  46253  55722
3          Brazil                 5876464      10.68         13371  14134   38307   23973  11843      0
4          France                 1992552       3.62          9072  27228   32059   21454  35987      0
5          Russia                 1932711       3.51         22562  22313   22441   20765  18431  14804
6           Spain                 1496864       2.72         38273      0       0       0  18669      0
7  United Kingdom                 1390681       2.53         21363  24962   26860   20412  20018  16981
8       Argentina                 1318384       2.40          7893   5645    8468   11977  12145  10561
9           Italy                 1205881       2.19         27352  33977   37249   35090  28241  11705
10       Colombia                 1205217       2.19          6471   7112    8937    6292   6136   7201
11         Mexico                 1009396       1.83          2874   3269    5860    5746   5250   4119
12           Peru                  937011       1.70          2112   2249    2413    1194      0   3132
13        Germany                  817526       1.49         14580   3213   14640   26547   7533   4007
14           Iran                  775121       1.41         13053  12543   11203   10339   8932   3890
15   South Africa                  752269       1.37          1245   1842    2237    1729   1241   1662
-------------------------------------------------------------------------------
   Global Perc. Average:  0.37 (sd: 1.76)
   Global Perc. Average in top  15 :  4.94 (sd: 5.91)

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###############################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-11-16  ::  2020-11-17 13:02:31
###############################################################################
   Number of Countries/Regions reported:  191
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 269
-------------------------------------------------------------------------------
   Worldwide ts-deaths  Totals: 1326991
-------------------------------------------------------------------------------
   Country.Region Province.State Totals Perc LastDayChange t-2  t-3  t-7 t-14 t-30
1              US               246965 2.21           758 616 1266 1398 1572  428
2          Brazil               166014 2.83           216 140  921  174  243    0
3           India               130503 1.47           433 435  447  512  514  579
4          Mexico                98861 9.79           319 283  635  617  493  108
5  United Kingdom                52147 3.75           213 168  462  532  397   67
6           Italy                45733 3.79           504 546  544  580  353   69
7          France                44731 2.24           504 301  354 1210  423    0
8            Iran                41979 5.42           486 459  452  453  422  252
9           Spain                41253 2.76           484   0    0    0  238    0
10      Argentina                35727 2.71           291 129  262  276  429  160
11           Peru                35231 3.76            54  71   39   64    0   54
12       Colombia                34223 2.84           192 202  160  154  194  167
13         Russia                33184 1.72           299 349  380  353  347  182
14   South Africa                20314 2.70            73  35   53  106   74   63
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15      Indonesia                  15296 3.25         85  63  111   72  102   80
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#######################################################################
  ##### TS-RECOVERED Cases  -- Data dated:  2020-11-16  ::  2020-11-17 13:02:31
#######################################################################
  Number of Countries/Regions reported:  191
  Number of Cities/Provinces reported:  68
  Unique number of distinct geographical locations combined: 256
-----------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 35349444
-----------------------------------------------------------------------
  Country.Region Province.State   Totals LastDayChange   t-2   t-3    t-7  t-14  t-30
1           India                8289073        39494 43851 42156  54377 53357 66399
2          Brazil                5335498        56046     0  4640  20744 21259     0
3              US                4244811        69927 26440 53298  33028 30149 13565
4          Russia                1443393        13828 14352 18362  15300 15091  5329
5       Argentina                1140196        11094  9736  8889   8320 11262 12791
6        Colombia                1111867         6911  7380  8236 -66151  8081 10827
7            Peru                 865348         6960     0  2365   4455     0     0
8          Mexico                 754200         4010  4829  4021      0  7730  5125
9    South Africa                 695496         2029   206  1084   2468  1759  4107
10           Iran                 564699         5881  6071  6105   5053  4226  3479
11        Germany                 522313        16599  6718 11083   2781   892  2318
12          Chile                 508067         1367  1457  1703   1238  1295  1231
13           Iraq                 449565         2526  2813  2370   2432  2979  3186
14          Italy                 442364        21554  9376 12196  17734  6258  2334
15      Indonesia                 395443         3452  3897  3000   3475  3931  3732
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##########################################################################################################
  ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-11-17  ::  2020-11-17 13:02:31
##########################################################################################################
  Number of Countries/Regions reported: 190
  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   1992552           3.62  44731        2.24    119653           6.01 1828168       91.75
2       Maharashtra, India   1749777           3.18  46034        2.63   1618380          92.49   85363        4.88
3               Argentina   1318384           2.40  35727        2.71   1140196          86.48  142461       10.81
4   England, United Kingdom   1194402           2.17  45783        3.83         0           0.00 1148619       96.17
5        Sao Paulo, Brazil   1169377           2.13  40576        3.47   1068284          91.35   60517        5.18
6        Karnataka, India    862804           1.57  11541        1.34    825141          95.63   26122        3.03
7   Andhra Pradesh, India    854764           1.55   6881        0.81    829991          97.10   17892        2.09
8                     Iran    775121           1.41  41979        5.42    564699          72.85  168443       21.73
9        Tamil Nadu, India    759916           1.38  11495        1.51    732656          96.41   15765        2.07
10            South Africa    752269           1.37  20314        2.70    695496          92.45   36459        4.85
11                  Poland    733788           1.33  10491        1.43    306022          41.70  417275       56.87
12           Kerala, India    527708           0.96   1888        0.36    454774          86.18   71046       13.46
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13              Iraq    521542    0.95  11712    2.25    449565    86.20   60265    11.56
14     Moscow, Russia   516574    0.94   7859    1.52    371857    71.99  136858    26.49
15  Uttar Pradesh, India 512850   0.93   7393    1.44    482854    94.15   22603     4.41
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   ##### AGGREGATED Data  -- ORDERED BY  DEATHS Cases  -- Data dated:  2020-11-17  ::  2020-11-17 13:02:31
################################################################################################

   Number of Countries/Regions reported: 190
   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	1749777	3.18	46034	2.63	1618380	92.49	85363	4.88
2	England, United Kingdom	1194402	2.17	45783	3.83	0	0.00	1148619	96.17
3	France	1992552	3.62	44731	2.24	119653	6.01	1828168	91.75
4	Iran	775121	1.41	41979	5.42	564699	72.85	168443	21.73
5	Sao Paulo, Brazil	1169377	2.13	40576	3.47	1068284	91.35	60517	5.18
6	Argentina	1318384	2.40	35727	2.71	1140196	86.48	142461	10.81
7	Rio de Janeiro, Brazil	327455	0.60	21301	6.51	301317	92.02	4837	1.48
8	South Africa	752269	1.37	20314	2.70	695496	92.45	36459	4.85
9	Lombardia, Italy	324908	0.59	19466	5.99	153103	47.12	152339	46.89
10	Lima, Peru	420270	0.76	15824	3.77	0	0.00	404446	96.23
11	Indonesia	470648	0.86	15296	3.25	395443	84.02	59909	12.73
12	Mexico, Mexico	103448	0.19	14809	14.32	0	0.00	88639	85.68
13	Ecuador	180676	0.33	13016	7.20	160639	88.91	7021	3.89
14	Ciudad de Mexico, Mexico	180210	0.33	12686	7.04	0	0.00	167524	92.96
15	Iraq	521542	0.95	11712	2.25	449565	86.20	60265	11.56

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   ##### AGGREGATED Data  -- ORDERED BY  RECOVERED Cases  -- Data dated:  2020-11-17  ::  2020-11-17 13:02:31
################################################################################################

   Number of Countries/Regions reported: 190
   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	1749777	3.18	46034	2.63	1618380	92.49	85363	4.88
2	Argentina	1318384	2.40	35727	2.71	1140196	86.48	142461	10.81
3	Sao Paulo, Brazil	1169377	2.13	40576	3.47	1068284	91.35	60517	5.18
4	Andhra Pradesh, India	854764	1.55	6881	0.81	829991	97.10	17892	2.09
5	Karnataka, India	862804	1.57	11541	1.34	825141	95.63	26122	3.03
6	Tamil Nadu, India	759916	1.38	11495	1.51	732656	96.41	15765	2.07
7	South Africa	752269	1.37	20314	2.70	695496	92.45	36459	4.85
8	Iran	775121	1.41	41979	5.42	564699	72.85	168443	21.73
9	Uttar Pradesh, India	512850	0.93	7393	1.44	482854	94.15	22603	4.41
10	Kerala, India	527708	0.96	1888	0.36	454774	86.18	71046	13.46
11	Iraq	521542	0.95	11712	2.25	449565	86.20	60265	11.56
12	Delhi, India	489202	0.89	7713	1.58	441361	90.22	40128	8.20
13	West Bengal, India	434563	0.79	7714	1.78	398952	91.81	27897	6.42
14	Indonesia	470648	0.86	15296	3.25	395443	84.02	59909	12.73

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15        Philippines    409574       0.74  7839      1.91   374366        91.40  27369        6.68
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#################################################################################################################

   ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-11-17  ::  2020-11-17 13:02:31
#################################################################################################################

   Number of Countries/Regions reported: 190
   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	1992552	3.62	44731	2.24	119653	6.01	1828168	91.75
2	England, United Kingdom	1194402	2.17	45783	3.83	0	0.00	1148619	96.17
3	Poland	733788	1.33	10491	1.43	306022	41.70	417275	56.87
4	Lima, Peru	420270	0.76	15824	3.77	0	0.00	404446	96.23
5	Los Angeles, California, US	342343	0.62	7275	2.13	0	0.00	335068	97.87
6	Madrid, Spain	333215	0.61	11082	3.33	40736	12.23	281397	84.45
7	Catalonia, Spain	283937	0.52	7382	2.60	26203	9.23	250352	88.17
8	Cook, Illinois, US	255608	0.46	6016	2.35	0	0.00	249592	97.65
9	Miami-Dade, Florida, US	203654	0.37	3709	1.82	0	0.00	199945	98.18
10	Andalusia, Spain	200550	0.36	3264	1.63	10671	5.32	186615	93.05
11	Maricopa, Arizona, US	176993	0.32	3798	2.15	0	0.00	173195	97.85
12	Harris, Texas, US	175414	0.32	2910	1.66	0	0.00	172504	98.34
13	Iran	775121	1.41	41979	5.42	564699	72.85	168443	21.73
14	Ciudad de Mexico, Mexico	180210	0.33	12686	7.04	0	0.00	167524	92.96
15	Lombardia, Italy	324908	0.59	19466	5.99	153103	47.12	152339	46.89

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      Confirmed     Deaths   Recovered      Active
 Totals
      54977018      1311554  29467087        NA
 Average
      13869.08      330.87   7433.67  NA
 Standard Deviation
      73924.01      2028.36  54959.84        NA


 * Statistical estimators computed considering 3964 independent reported entries


****************************************************************************
******************************* OVERALL SUMMARY*****************************
****************************************************************************
  ****   Time Series Worldwide TOTS ****
       ts-confirmed   ts-deaths     ts-recovered
       55014346       1326991 35349444
                      2.41%         64.25%
  ****   Time Series Worldwide AVGS ****
       ts-confirmed   ts-deaths     ts-recovered
       204514.3       4933.05 138083.77
                      2.41%         67.52%
  ****   Time Series Worldwide SDS ****
       ts-confirmed   ts-deaths     ts-recovered
       969415.31      21732.59      685226.15
                      2.24%         70.68%
```

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