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--------------------------------------------------------------------------------
################################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-08-03  ::  2020-08-04 13:02:20
################################################################################
   Number of Countries/Regions reported:  188
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 266
--------------------------------------------------------------------------------
   Worldwide ts-confirmed  Totals: 18282208
--------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		4713540	25.78	45368	47580	58485	65869	64534	49883
2	Brazil		2750318	15.04	16641	25800	45392	40816	41008	26051
3	India		1855745	10.15	52050	52972	54735	51596	37740	24248
4	Russia		854641	4.67	5364	5387	5429	5380	5828	6719
5	South Africa		516862	2.83	5377	8195	10107	7232	8170	8773
6	Mexico		443813	2.43	4767	4853	9556	7208	6859	4683
7	Peru		433100	2.37	4250	21358	0	5288	4406	3638
8	Chile		361493	1.98	1762	2073	1991	1877	1654	3685
9	Colombia		327850	1.79	10199	11470	10673	10284	7033	3721
10	Iran		312035	1.71	2598	2685	2548	2667	2625	2560
11	United Kingdom		305623	1.67	938	743	761	547	445	516
12	Spain		297054	1.62	8532	0	0	1828	1358	0
13	Pakistan		280461	1.53	762	1394	0	936	1332	6535
14	Saudi Arabia		280093	1.53	1258	1357	1573	1897	2476	3580
15	Italy		248229	1.36	159	238	295	202	128	192

```
--------------------------------------------------------------------------------
   Global Perc. Average:  0.38 (sd: 1.97)
   Global Perc. Average in top  15 :  5.1 (sd: 6.9)

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################################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-08-03  ::  2020-08-04 13:02:20
################################################################################
   Number of Countries/Regions reported:  188
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 266
--------------------------------------------------------------------------------
   Worldwide ts-deaths  Totals: 693694
--------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		155402	3.30	540	414	1133	1362	1096	271
2	Brazil		94665	3.44	561	541	1088	921	1367	602
3	Mexico		48012	10.82	266	274	784	854	915	273
4	United Kingdom		46210	15.12	9	8	74	119	110	22
5	India		38938	2.10	803	771	853	785	650	425
6	Italy		35166	14.17	12	8	5	11	15	7
7	France		30149	14.16	-1	0	0	13	-13	1
8	Spain		28472	9.58	27	0	0	2	2	0
9	Peru		19811	4.57	197	593	0	194	195	177
10	Iran		17405	5.58	215	208	216	235	229	163
11	Russia		14183	1.66	79	70	95	149	153	134
12	Colombia		11017	3.36	367	320	225	297	237	122
13	Belgium		9850	14.01	5	0	4	11	0	0
14	Chile		9707	2.69	99	75	76	53	44	116

Produced with **covid19.analytics** R Package

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15        Germany                    9154  4.32            0    0    7    6    5    3
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##########################################################################
  ##### TS-RECOVERED Cases  -- Data dated:  2020-08-03  ::  2020-08-04 13:02:20
##########################################################################
  Number of Countries/Regions reported:  188
  Number of Cities/Provinces reported:   68
  Unique number of distinct geographical locations combined: 253
--------------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 10913000
--------------------------------------------------------------------------
   Country.Region Province.State  Totals LastDayChange    t-2    t-3    t-7   t-14   t-30
1        Brazil                  2098976        36100  24894  29128  22108  41039  38314
2            US                  1513446        44757   6804  23725  29559  21931  12438
3         India                  1230509        44306  40574  51255  36863  28472  15350
4        Russia                  652372          3411   3645   8099   8860   8753   3868
5    South Africa               358037         10810   4766  16290  12388  13279   2088
6        Mexico                  353442         10915   7660   7752   4332   4316   4190
7         Chile                  333976          1565   1904   2180   2378   2824   3588
8          Peru                  298091          3904   7060   3212   3905   3665   4336
9          Iran                  270228          2126   2272   2311   1875   2264   2381
10      Pakistan                 249397           820   1400      0   1410   2438   6555
11   Saudi Arabia               242055          1974   2533   1890   2688   4000   1980
12        Turkey                 217497          1003    978    981   1092   1009   1188
13         Italy                 200589           129    231    255    163    269    164
14       Germany                193594           686    272    644    397    151    719
15      Colombia                173727          6488   6531   6321   5529   3036   1234
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##############################################################################################################################
  ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-08-04  ::  2020-08-04 13:02:20
##############################################################################################################################
  Number of Countries/Regions reported:  188
  Number of Cities/Provinces reported: 563
  Unique number of distinct geographical locations combined: 3935
--------------------------------------------------------------------------
                    Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1          Sao Paulo, Brazil    560218           3.06  23365        4.17    378683          67.60 158170       28.23
2               South Africa    516862           2.83   8539        1.65    358037          69.27 150286       29.08
3          Maharashtra, India   450196           2.46  15842        3.52    287030          63.76 147324       32.72
4                       Iran    312035           1.71  17405        5.58    270228          86.60  24402        7.82
5               Saudi Arabia    280093           1.53   2949        1.05    242055          86.42  35089       12.53
6     England, United Kingdom   263602           1.44  41598       15.78         0           0.00 222004       84.22
7           Tamil Nadu, India   263222           1.44   4241        1.61    202283          76.85  56698       21.54
8         Metropolitana, Chile   258080          1.41   7700        2.98    243591          94.39   6789        2.63
9             Moscow, Russia    243406           1.33   4498        1.85    182184          74.85  56724       23.30
10               Bangladesh    242102           1.32   3184        1.32    137905          56.96 101013       41.72
11                   Turkey    233851           1.28   5747        2.46    217497          93.01  10607        4.54
12 New York City, New York, US 225964           1.24  23550       10.42         0           0.00 202414       89.58
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
13	Lima, Peru	224414	1.23	9351	4.17	0	0.00	215063	95.83
14	France	212884	1.16	30149	14.16	71258	33.47	111477	52.37
15	Argentina	206743	1.13	3813	1.84	91302	44.16	111628	53.99

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##

AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-04 :: 2020-08-04 13:02:20
##

Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 563
Unique number of distinct geographical locations combined: 3935

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	263602	1.44	41598	15.78	0	0.00	222004	84.22
2	France	212884	1.16	30149	14.16	71258	33.47	111477	52.37
3	New York City, New York, US	225964	1.24	23550	10.42	0	0.00	202414	89.58
4	Sao Paulo, Brazil	560218	3.06	23365	4.17	378683	67.60	158170	28.23
5	Iran	312035	1.71	17405	5.58	270228	86.60	24402	7.82
6	Lombardia, Italy	96337	0.53	16818	17.46	73724	76.53	5795	6.02
7	Maharashtra, India	450196	2.46	15842	3.52	287030	63.76	147324	32.72
8	Rio de Janeiro, Brazil	168064	0.92	13604	8.09	144850	86.19	9610	5.72
9	Belgium	70314	0.38	9850	14.01	17598	25.03	42866	60.96
10	Lima, Peru	224414	1.23	9351	4.17	0	0.00	215063	95.83
11	Ciudad de Mexico, Mexico	75383	0.41	9032	11.98	60654	80.46	5697	7.56
12	South Africa	516862	2.83	8539	1.65	358037	69.27	150286	29.08
13	Madrid, Spain	76145	0.42	8453	11.10	40736	53.50	26956	35.40
14	Ceara, Brazil	176961	0.97	7752	4.38	148514	83.92	20695	11.69
15	Metropolitana, Chile	258080	1.41	7700	2.98	243591	94.39	6789	2.63

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##

AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-04 :: 2020-08-04 13:02:20
##

Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 563
Unique number of distinct geographical locations combined: 3935

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	1513446	Inf	-2295866	-Inf
2	Sao Paulo, Brazil	560218	3.06	23365	4.17	378683	67.60	158170	28.23
3	South Africa	516862	2.83	8539	1.65	358037	69.27	150286	29.08
4	Unknown, Peru	0	0.00	0	NaN	298091	Inf	-298091	-Inf
5	Maharashtra, India	450196	2.46	15842	3.52	287030	63.76	147324	32.72
6	Iran	312035	1.71	17405	5.58	270228	86.60	24402	7.82
7	Metropolitana, Chile	258080	1.41	7700	2.98	243591	94.39	6789	2.63
8	Saudi Arabia	280093	1.53	2949	1.05	242055	86.42	35089	12.53
9	Turkey	233851	1.28	5747	2.46	217497	93.01	10607	4.54
10	Tamil Nadu, India	263222	1.44	4241	1.61	202283	76.85	56698	21.54
11	Moscow, Russia	243406	1.33	4498	1.85	182184	74.85	56724	23.30
12	Bahia, Brazil	171391	0.94	3624	2.11	155700	90.84	12067	7.04
13	Ceara, Brazil	176961	0.97	7752	4.38	148514	83.92	20695	11.69
14	Rio de Janeiro, Brazil	168064	0.92	13604	8.09	144850	86.19	9610	5.72

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15         Para, Brazil    156505        0.86   5784      3.70    142238          90.88      8483          5.42
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   ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-08-04  ::  2020-08-04 13:02:21
########################################################################################################################

  Number of Countries/Regions reported: 188
  Number of Cities/Provinces reported: 563
  Unique number of distinct geographical locations combined: 3935
----------------------------------------------------------------------------------------------------------------------


                    Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1       England, United Kingdom    263602          1.44  41598       15.78         0           0.00 222004       84.22
2                   Lima, Peru    224414          1.23   9351        4.17         0           0.00 215063       95.83
3  New York City, New York, US    225964          1.24  23550       10.42         0           0.00 202414       89.58
4   Los Angeles, California, US    193877          1.06   4702        2.43         0           0.00 189175       97.57
5               Sao Paulo, Brazil    560218         3.06  23365        4.17    378683          67.60 158170       28.23
6                 South Africa    516862          2.83   8539        1.65    358037          69.27 150286       29.08
7             Maharashtra, India    450196          2.46  15842        3.52    287030          63.76 147324       32.72
8        Miami-Dade, Florida, US    123644          0.68   1694        1.37         0           0.00 121950       98.63
9          Maricopa, Arizona, US    120960          0.66   2108        1.74         0           0.00 118852       98.26
10                    Argentina    206743          1.13   3813        1.84     91302          44.16 111628       53.99
11                       France    212884          1.16  30149       14.16     71258          33.47 111477       52.37
12           Cook, Illinois, US    107247          0.59   4897        4.57         0           0.00 102350       95.43
13                   Bangladesh    242102          1.32   3184        1.32    137905          56.96 101013       41.72
14            Harris, Texas, US     78100          0.43    767        0.98         0           0.00  77333       99.02
15         Andhra Pradesh, India    166586          0.91   1537        0.92     88672          53.23  76377       45.85
========================================================================================================================


      Confirmed      Deaths   Recovered        Active
  Totals
      18282208      693694   10913000        NA
  Average
      4646.05       176.29    2773.32 NA
  Standard Deviation
      23656.88      1247.2   29405.86        NA


 * Statistical estimators computed considering 3935 independent reported entries


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******************************* OVERALL SUMMARY*****************************
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  ****   Time Series Worldwide TOTS ****
      ts-confirmed   ts-deaths       ts-recovered
      18282208       693694  10913000
                     3.79%          59.69%
  ****   Time Series Worldwide AVGS ****
      ts-confirmed   ts-deaths       ts-recovered
      68730.11       2607.87 43134.39
                     3.79%          62.76%
  ****   Time Series Worldwide SDS ****
      ts-confirmed   ts-deaths       ts-recovered
      360941.95      12587.25        190232.6
                     3.49%          52.7%
```

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