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###############################################################################
  ##### TS-CONFIRMED Cases  -- Data dated:  2020-12-08  ::  2020-12-09 01:02:34
###############################################################################
  Number of Countries/Regions reported:  191
  Number of Cities/Provinces reported:  84
  Unique number of distinct geographical locations combined: 271
-------------------------------------------------------------------------------
  Worldwide ts-confirmed  Totals: 68225313
-------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		15164885	22.23	215586	192416	175640	200091	181287	121210
2	India		9735850	14.27	32080	26567	32981	35551	44489	38073
3	Brazil		6674999	9.78	51088	20371	26363	49863	47898	10917
4	Russia		2492713	3.65	25752	27798	28701	25043	23393	21577
5	France		2307870	3.38	13713	3266	11022	13973	15239	19571
6	Italy		1757394	2.58	14837	13679	18887	20709	25852	25269
7	United Kingdom		1750241	2.57	12281	14718	17271	16170	18213	21350
8	Spain		1702328	2.50	0	17681	0	9331	10222	52386
9	Argentina		1469919	2.15	3610	3199	3278	7533	8593	8317
10	Colombia		1384610	2.03	7510	5997	8854	9297	8497	5177
11	Germany		1229269	1.80	29263	5456	10910	23275	32687	6522
12	Mexico		1193255	1.75	11006	6399	7455	11251	10335	4960
13	Poland		1076180	1.58	8310	4421	9176	13823	15356	21713
14	Iran		1062397	1.56	11023	10827	11561	13621	13843	10463
15	Peru		973912	1.43	0	1224	1828	0	1882	2323

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  Global Perc. Average:  0.37 (sd: 1.76)
  Global Perc. Average in top  15 :  4.88 (sd: 5.99)

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###############################################################################
  ##### TS-DEATHS Cases  -- Data dated:  2020-12-08  ::  2020-12-09 01:02:35
###############################################################################
  Number of Countries/Regions reported:  191
  Number of Cities/Provinces reported:  84
  Unique number of distinct geographical locations combined: 271
-------------------------------------------------------------------------------
  Worldwide ts-deaths  Totals: 1556822
-------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		286237	1.89	2534	1404	1113	2804	2293	687
2	Brazil		178159	2.67	842	376	313	698	654	231
3	India		141360	1.45	402	385	391	526	524	448
4	Mexico		110874	9.29	800	357	261	800	858	198
5	United Kingdom		62033	3.54	599	189	231	648	695	194
6	Italy		61240	3.48	634	528	564	684	722	356
7	France		56001	2.43	831	366	174	310	369	546
8	Iran		50917	4.79	323	284	294	362	469	458
9	Spain		46646	2.74	0	394	0	273	369	512
10	Russia		43674	1.75	552	447	447	580	498	254
11	Argentina		40009	2.72	121	118	138	228	282	347
12	Colombia		38158	2.76	163	187	175	183	183	183
13	Peru		36274	3.72	0	43	36	0	44	58
14	South Africa		22432	2.73	183	43	139	65	118	36

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15        Poland                20592 1.91          411   92  228  609  674  173
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##############################################################################
 ##### TS-RECOVERED Cases  -- Data dated:  2020-12-08  ::  2020-12-09 01:02:35
##############################################################################
  Number of Countries/Regions reported:  191
  Number of Cities/Provinces reported:  68
  Unique number of distinct geographical locations combined: 256
------------------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 43956174
------------------------------------------------------------------------------
   Country.Region Province.State   Totals LastDayChange    t-2    t-3    t-7   t-14   t-30
1            India                 9215581        36635  39045  39109  40726  36367  42033
2           Brazil                 5965492        67966  30869   1819  46989  24365  16054
3               US                 5786915        72358  90113  48418  95547 139292  47354
4           Russia                 1963864        24471  18649  21270  26480  25272  10640
5        Argentina                 1305587         4891   6004   5907   5107   6650  10666
6         Colombia                 1278326        10731  10185   7708   7988   7102   8935
7            Italy                  958629        25497  19638  17186  38740  31819  10215
8             Peru                  909389         1735      0   3696   3917   2147      0
9          Germany                  909058        20357  20416  15705  20184  17303  22470
10          Mexico                  881050         7495   7369   6543   6750   6521      0
11            Iran                  754224        11269  12157  11090  10091   7891   5312
12    South Africa                  753072         7322    970    482   1774      0   1038
13          Poland                  738845        16399  15726  18810  25391  14810  10008
14           Chile                  537727         1460   1478   1539   1467   1346   1493
15            Iraq                  498064         2339   2158   1910   1743   2270   3305
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##############################################################################################################
 ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-12-09  ::  2020-12-09 01:02:35
##############################################################################################################
  Number of Countries/Regions reported: 190
  Number of Cities/Provinces reported: 573
  Unique number of distinct geographical locations combined: 3961
---------------------------------------------------------------------------------------------------------------
             Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered   Active Perc.Active
1       Maharashtra, India 1859367           2.83  47827        2.57   1737080          93.42    74460        4.00
2  England, United Kingdom 1501179           2.28  54285        3.62         0           0.00  1446894       96.38
3                Argentina 1469919           2.23  40009        2.72   1305587          88.82   124323        8.46
4         Sao Paulo, Brazil 1296801          1.97  43282        3.34   1157066          89.22    96453        7.44
5                   Poland 1076180           1.64  20592        1.91    738845          68.65   316743       29.43
6                     Iran 1062397           1.62  50917        4.79    754224          70.99   257256       24.21
7        Karnataka, India  895284           1.36  11880        1.33    858370          95.88    25034        2.80
8                   Turkey  893630           1.36  15314        1.71    441515          49.41   436801       48.88
9   Andhra Pradesh, India  872839           1.33   7042        0.81    860368          98.57     5429        0.62
10            South Africa  821889           1.25  22432        2.73    753072          91.63    46385        5.64
11      Tamil Nadu, India  792788           1.21  11822        1.49    770378          97.17    10588        1.34
12         Moscow, Russia  660073           1.00   9496        1.44    501403          75.96   149174       22.60
```

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13          Kerala, India    644696    0.98    2472    0.38    582351    90.33  59873     9.29
14           Delhi, India    597112    0.91    9763    1.64    565039    94.63  22310     3.74
15              Indonesia    586842    0.89   18000    3.07    483497    82.39  85345    14.54
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   ##### AGGREGATED Data  -- ORDERED BY  DEATHS Cases  -- Data dated:  2020-12-09  ::  2020-12-09 01:02:35
#############################################################################################################

   Number of Countries/Regions reported: 190
   Number of Cities/Provinces reported: 573
   Unique number of distinct geographical locations combined: 3961
------------------------------------------------------------------------------------------------------------
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	1501179	2.28	54285	3.62	0	0.00	1446894	96.38
2	Iran	1062397	1.62	50917	4.79	754224	70.99	257256	24.21
3	Maharashtra, India	1859367	2.83	47827	2.57	1737080	93.42	74460	4.00
4	Sao Paulo, Brazil	1296801	1.97	43282	3.34	1157066	89.22	96453	7.44
5	Argentina	1469919	2.23	40009	2.72	1305587	88.82	124323	8.46
6	Rio de Janeiro, Brazil	374753	0.57	23270	6.21	344192	91.85	7291	1.95
7	Lombardia, Italy	432327	0.66	23208	5.37	297290	68.77	111829	25.87
8	South Africa	821889	1.25	22432	2.73	753072	91.63	46385	5.64
9	Poland	1076180	1.64	20592	1.91	738845	68.65	316743	29.43
10	Indonesia	586842	0.89	18000	3.07	483497	82.39	85345	14.54
11	Mexico, Mexico	119071	0.18	16303	13.69	0	0.00	102768	86.31
12	Lima, Peru	433306	0.66	16242	3.75	0	0.00	417064	96.25
13	Turkey	893630	1.36	15314	1.71	441515	49.41	436801	48.88
14	Ciudad de Mexico, Mexico	239006	0.36	14184	5.93	0	0.00	224822	94.07
15	Ecuador	198752	0.30	13794	6.94	174188	87.64	10770	5.42

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   ##### AGGREGATED Data  -- ORDERED BY  RECOVERED Cases  -- Data dated:  2020-12-09  ::  2020-12-09 01:02:35
#############################################################################################################

   Number of Countries/Regions reported: 190
   Number of Cities/Provinces reported: 573
   Unique number of distinct geographical locations combined: 3961
------------------------------------------------------------------------------------------------------------
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1859367	2.83	47827	2.57	1737080	93.42	74460	4.00
2	Argentina	1469919	2.23	40009	2.72	1305587	88.82	124323	8.46
3	Sao Paulo, Brazil	1296801	1.97	43282	3.34	1157066	89.22	96453	7.44
4	Andhra Pradesh, India	872839	1.33	7042	0.81	860368	98.57	5429	0.62
5	Karnataka, India	895284	1.36	11880	1.33	858370	95.88	25034	2.80
6	Tamil Nadu, India	792788	1.21	11822	1.49	770378	97.17	10588	1.34
7	Iran	1062397	1.62	50917	4.79	754224	70.99	257256	24.21
8	South Africa	821889	1.25	22432	2.73	753072	91.63	46385	5.64
9	Poland	1076180	1.64	20592	1.91	738845	68.65	316743	29.43
10	Kerala, India	644696	0.98	2472	0.38	582351	90.33	59873	9.29
11	Delhi, India	597112	0.91	9763	1.64	565039	94.63	22310	3.74
12	Uttar Pradesh, India	558173	0.85	7967	1.43	528832	94.74	21374	3.83
13	Moscow, Russia	660073	1.00	9496	1.44	501403	75.96	149174	22.60
14	Iraq	568138	0.86	12477	2.20	498064	87.67	57597	10.14

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15          Czechia    551070      0.84  9036      1.64  484781      87.97 57253      10.39
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   ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-12-09  ::  2020-12-09 01:02:35
#####################################################################################################

   Number of Countries/Regions reported: 190
   Number of Cities/Provinces reported: 573
   Unique number of distinct geographical locations combined: 3961
-----------------------------------------------------------------------------------------------------
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	1501179	2.28	54285	3.62	0	0.00	1446894	96.38
2	Los Angeles, California, US	466321	0.71	8000	1.72	0	0.00	458321	98.28
3	Turkey	893630	1.36	15314	1.71	441515	49.41	436801	48.88
4	Lima, Peru	433306	0.66	16242	3.75	0	0.00	417064	96.25
5	Cook, Illinois, US	335204	0.51	7051	2.10	0	0.00	328153	97.90
6	Poland	1076180	1.64	20592	1.91	738845	68.65	316743	29.43
7	Madrid, Spain	356659	0.54	11445	3.21	40736	11.42	304478	85.37
8	Catalonia, Spain	312605	0.48	8171	2.61	26203	8.38	278231	89.00
9	Iran	1062397	1.62	50917	4.79	754224	70.99	257256	24.21
10	Miami-Dade, Florida, US	246915	0.38	3926	1.59	0	0.00	242989	98.41
11	Maricopa, Arizona, US	236818	0.36	4161	1.76	0	0.00	232657	98.24
12	Serbia	234027	0.36	2062	0.88	0	0.00	231965	99.12
13	Andalusia, Spain	242241	0.37	4367	1.80	10671	4.41	227203	93.79
14	Ciudad de Mexico, Mexico	239006	0.36	14184	5.93	0	0.00	224822	94.07
15	Harris, Texas, US	200397	0.30	3086	1.54	0	0.00	197311	98.46

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        Confirmed      Deaths   Recovered       Active
  Totals
        65769819       1479797 36095168        NA
  Average
        16604.35       373.59  9112.64 NA
  Standard Deviation
        78576.51       2159.85 63336.26        NA


 * Statistical estimators computed considering 3961 independent reported entries


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****************************** OVERALL SUMMARY*******************************
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  ****   Time Series Worldwide TOTS ****
       ts-confirmed  ts-deaths     ts-recovered
       68225313      1556822 43956174
                     2.28%         64.43%
  ****   Time Series Worldwide AVGS ****
       ts-confirmed  ts-deaths     ts-recovered
       251753.92     5744.73 171703.8
                     2.28%         68.2%
  ****   Time Series Worldwide SDS ****
       ts-confirmed  ts-deaths     ts-recovered
       1201659.92    24570.01      797096.18
                     2.04%         66.33%
```

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