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################################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-11-15  ::  2020-11-16 13:02:29
################################################################################
   Number of Countries/Regions reported:  191
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 269
--------------------------------------------------------------------------------
   Worldwide ts-confirmed  Totals: 54370186
--------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		11036935	20.30	133045	166555	177224	119944	81880	57073
2	India		8845127	16.27	30548	41100	44684	38073	38310	61871
3	Brazil		5863093	10.78	14134	38307	29070	10917	8501	24062
4	Russia		1910149	3.51	22313	22441	21717	21577	18017	14703
5	France		1867721	3.44	0	0	0	19836	51765	-4
6	Spain		1458591	2.68	0	0	21371	52386	55019	0
7	United Kingdom		1369318	2.52	24962	26860	27301	21350	18950	16171
8	Argentina		1310491	2.41	5645	8468	11859	8317	9598	13510
9	Colombia		1198746	2.20	7112	8937	8685	5177	9935	7017
10	Italy		1178529	2.17	33977	37249	40902	25269	22253	10925
11	Mexico		1006522	1.85	3269	5860	5558	4960	3763	5447
12	Peru		934899	1.72	2249	2413	2231	2323	0	2677
13	Germany		802946	1.48	3213	14640	22261	6522	25252	4862
14	Iran		762068	1.40	12543	11203	11737	10463	8289	4103
15	South Africa		751024	1.38	1842	2237	2213	1247	772	1928

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--------------------------------------------------------------------------------
   Global Perc. Average:  0.37 (sd: 1.77)
   Global Perc. Average in top  15 :  4.94 (sd: 5.93)

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################################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-11-15  ::  2020-11-16 13:02:29
################################################################################
   Number of Countries/Regions reported:  191
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 269
--------------------------------------------------------------------------------
   Worldwide ts-deaths  Totals: 1317139
--------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		246214	2.23	616	1266	1138	698	536	745
2	Brazil		165798	2.83	140	921	456	231	179	461
3	India		130070	1.47	435	447	520	448	490	1033
4	Mexico		98542	9.79	283	635	568	198	205	355
5	United Kingdom		51934	3.79	168	462	376	194	136	150
6	Italy		45229	3.84	546	544	550	356	233	47
7	France		42215	2.26	0	0	0	547	416	0
8	Iran		41493	5.44	459	452	461	458	440	253
9	Spain		40769	2.80	0	0	308	512	379	0
10	Argentina		35436	2.70	129	262	263	347	483	384
11	Peru		35177	3.76	71	39	36	58	0	71
12	Colombia		34031	2.84	202	160	178	183	138	187
13	Russia		32885	1.72	349	380	401	254	238	277
14	South Africa		20241	2.70	35	53	77	36	54	38

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15      Indonesia                    15211 3.26           63  111  104  75  101   84
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#################################################################################
   ##### TS-RECOVERED Cases  -- Data dated:  2020-11-15  ::  2020-11-16 13:02:30
#################################################################################
   Number of Countries/Regions reported:  191
   Number of Cities/Provinces reported:  68
   Unique number of distinct geographical locations combined: 256
---------------------------------------------------------------------------------
   Worldwide ts-recovered  Totals: 34955148
---------------------------------------------------------------------------------
   Country.Region Province.State  Totals LastDayChange   t-2    t-3    t-7   t-14   t-30
1         India                 8249579         43851 42156  47992  42033  58323  72614
2         Brazil                5279452             0  4640  20355  16054  17100      0
3            US                 4174884         26440 53298  43890  47354  44402  23034
4         Russia                1429565         14352 18362  18388  10640  10302   8499
5        Argentina              1129102          9736  8889  10297  10666  12700  12673
6        Colombia               1104956          7380  8236   7649   8935   7992  10466
7          Peru                  858388             0  2365   2815      0   5415   5279
8         Mexico                 750190          4829  4021   5143      0   8840   3598
9      South Africa              693467           206  1084   1274   1038   2170   1176
10         Iran                  558818          6071  6105   5076   5312   4556   3011
11        Chile                  506700          1457  1703   1065   1493   1359   1615
12       Germany                 505714          6718 11083  13705  22470   8954   2102
13         Iraq                  447039          2813  2370   2628   3305   2995   3329
14        Italy                  420810          9376 12196  11480  10215   3637   1255
15      Indonesia                391991          3897  3000   3010   3968   3624   4048
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##############################################################################################################################
   ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-11-16  ::  2020-11-16 13:02:30
##############################################################################################################################

   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 1747242           3.33  45974        2.63   1615379          92.45    85889        4.92
2              Argentina 1310491           2.50  35436        2.70   1129102          86.16   145953       11.14
3  England, United Kingdom 1174979          2.24  45592        3.88         0           0.00  1129387       96.12
4        Sao Paulo, Brazil 1168640          2.23  40564        3.47   1051778          90.00    76298        6.53
5         Karnataka, India  861647          1.64  11529        1.34    822953          95.51    27165        3.15
6    Andhra Pradesh, India  854011          1.63   6868        0.80    828484          97.01    18659        2.18
7                    Iran   762068          1.45  41493        5.44    558818          73.33   161757       21.23
8        Tamil Nadu, India   758191          1.45  11478        1.51    730272          96.32    16441        2.17
9             South Africa   751024          1.43  20241        2.70    693467          92.34    37316        4.97
10                  Poland   712972          1.36  10348        1.45    294783          41.35   407841       57.20
11           Kerala, India   524998          1.00   1869        0.36    448207          85.37    74922       14.27
12                    Iraq   519152          0.99  11670        2.25    447039          86.11    60443       11.64
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
13	Uttar Pradesh, India	511304	0.97	7372	1.44	480965	94.07	22967	4.49
14	Moscow, Russia	510214	0.97	7787	1.53	367613	72.05	134814	26.42
15	Delhi, India	485405	0.93	7614	1.57	437801	90.19	39990	8.24

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##

AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-16 :: 2020-11-16 13:02:30
##

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	1747242	3.33	45974	2.63	1615379	92.45	85889	4.92
2	England, United Kingdom	1174979	2.24	45592	3.88	0	0.00	1129387	96.12
3	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
4	Sao Paulo, Brazil	1168640	2.23	40564	3.47	1051778	90.00	76298	6.53
5	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14
6	Rio de Janeiro, Brazil	326956	0.62	21294	6.51	297514	91.00	8148	2.49
7	South Africa	751024	1.43	20241	2.70	693467	92.34	37316	4.97
8	Lombardia, Italy	320780	0.61	19367	6.04	138872	43.29	162541	50.67
9	Lima, Peru	419479	0.80	15800	3.77	0	0.00	403679	96.23
10	Indonesia	467113	0.89	15211	3.26	391991	83.92	59911	12.83
11	Mexico, Mexico	103394	0.20	14775	14.29	0	0.00	88619	85.71
12	Ecuador	180295	0.34	13008	7.21	160639	89.10	6648	3.69
13	Ciudad de Mexico, Mexico	179791	0.34	12593	7.00	0	0.00	167198	93.00
14	Iraq	519152	0.99	11670	2.25	447039	86.11	60443	11.64
15	Karnataka, India	861647	1.64	11529	1.34	822953	95.51	27165	3.15

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##

AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-16 :: 2020-11-16 13:02:30
##

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	1747242	3.33	45974	2.63	1615379	92.45	85889	4.92
2	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14
3	Sao Paulo, Brazil	1168640	2.23	40564	3.47	1051778	90.00	76298	6.53
4	Andhra Pradesh, India	854011	1.63	6868	0.80	828484	97.01	18659	2.18
5	Karnataka, India	861647	1.64	11529	1.34	822953	95.51	27165	3.15
6	Tamil Nadu, India	758191	1.45	11478	1.51	730272	96.32	16441	2.17
7	South Africa	751024	1.43	20241	2.70	693467	92.34	37316	4.97
8	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
9	Uttar Pradesh, India	511304	0.97	7372	1.44	480965	94.07	22967	4.49
10	Kerala, India	524998	1.00	1869	0.36	448207	85.37	74922	14.27
11	Iraq	519152	0.99	11670	2.25	447039	86.11	60443	11.64
12	Delhi, India	485405	0.93	7614	1.57	437801	90.19	39990	8.24
13	West Bengal, India	431551	0.82	7661	1.78	394576	91.43	29314	6.79
14	Indonesia	467113	0.89	15211	3.26	391991	83.92	59911	12.83

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15        Philippines    407838      0.78  7832      1.92  374329        91.78 25677        6.30
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   ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-11-16  ::  2020-11-16 13:02:30
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  Number of Countries/Regions reported: 190
  Number of Cities/Provinces reported: 572
  Unique number of distinct geographical locations combined: 3964
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```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	1174979	2.24	45592	3.88	0	0.00	1129387	96.12
2	Poland	712972	1.36	10348	1.45	294783	41.35	407841	57.20
3	Lima, Peru	419479	0.80	15800	3.77	0	0.00	403679	96.23
4	Los Angeles, California, US	339560	0.65	7269	2.14	0	0.00	332291	97.86
5	Madrid, Spain	330483	0.63	11053	3.34	40736	12.33	278694	84.33
6	Cook, Illinois, US	251101	0.48	5996	2.39	0	0.00	245105	97.61
7	Catalonia, Spain	278161	0.53	7362	2.65	26203	9.42	244596	87.93
8	Miami-Dade, Florida, US	202644	0.39	3709	1.83	0	0.00	198935	98.17
9	Andalusia, Spain	189744	0.36	3155	1.66	10671	5.62	175918	92.71
10	Maricopa, Arizona, US	176204	0.34	3798	2.16	0	0.00	172406	97.84
11	Harris, Texas, US	174493	0.33	2909	1.67	0	0.00	171584	98.33
12	Ciudad de Mexico, Mexico	179791	0.34	12593	7.00	0	0.00	167198	93.00
13	Lombardia, Italy	320780	0.61	19367	6.04	138872	43.29	162541	50.67
14	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
15	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14

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      Confirmed     Deaths   Recovered      Active
 Totals
      52465174      1259818 29046806        NA
 Average
      13235.41      317.81   7327.65 NA
 Standard Deviation
      66464.28      1893.13 54529.86        NA


 * Statistical estimators computed considering 3964 independent reported entries


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******************************* OVERALL SUMMARY**********************************
**********************************************************************************
  ****   Time Series Worldwide TOTS ****
        ts-confirmed   ts-deaths      ts-recovered
        54370186       1317139 34955148
                       2.42%           64.29%
  ****   Time Series Worldwide AVGS ****
        ts-confirmed   ts-deaths      ts-recovered
        202119.65      4896.43 136543.55
                       2.42%           67.56%
  ****   Time Series Worldwide SDS ****
        ts-confirmed   ts-deaths      ts-recovered
        959905.8       21647.7 679707.86
                       2.26%           70.81%
```

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