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####################################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-12-18  ::  2020-12-19 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: 75672814
------------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		17459296	23.07	249709	236211	247403	219193	215492	189296
2	India		10004599	13.22	25152	22890	24010	30254	36011	45882
3	Brazil		7162978	9.47	52544	69826	70574	43900	43209	35918
4	Russia		2764843	3.65	28116	27787	26074	27729	28450	23337
5	France		2441737	3.23	15674	18080	17564	-130	12809	20487
6	Turkey		1982090	2.62	26410	27515	29718	29136	31896	4542
7	United Kingdom		1977167	2.61	28507	35383	25161	21501	15539	22915
8	Italy		1921778	2.54	15401	18233	17568	19902	21052	36176
9	Spain		1797236	2.38	11815	12131	11078	0	0	16233
10	Argentina		1531374	2.02	7002	7326	6843	5274	5201	10097
11	Germany		1486839	1.96	32830	30179	32744	21792	26126	24041
12	Colombia		1482072	1.96	13277	12196	11953	8163	9642	7487
13	Mexico		1301546	1.72	12248	11799	10297	12057	11625	4472
14	Poland		1182864	1.56	11010	11953	12455	11499	12427	23975
15	Iran		1145651	1.51	7121	7453	7603	8411	12151	13223

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------------------------------------------------------------------------------------
   Global Perc. Average:  0.37 (sd: 1.77)
   Global Perc. Average in top  15 :  4.9 (sd: 6.01)

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####################################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-12-18  ::  2020-12-19 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: 1674840
------------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		313588	1.80	2814	3345	3668	2354	2257	1978
2	Brazil		185650	2.59	823	1092	936	686	664	606
3	India		145136	1.45	347	338	355	391	482	584
4	Mexico		117249	9.01	762	718	670	685	593	576
5	Italy		67894	3.53	674	683	680	649	662	653
6	United Kingdom		66541	3.37	489	532	612	520	397	501
7	France		59869	2.45	610	258	289	-1	212	417
8	Iran		53273	4.65	178	212	213	222	321	476
9	Russia		49170	1.78	602	574	584	553	498	457
10	Spain		48926	2.72	149	181	195	0	0	252
11	Argentina		41672	2.72	138	169	161	62	120	185
12	Colombia		40019	2.70	232	227	204	197	166	198
13	Peru		36858	3.73	0	104	0	45	119	0
14	Germany		25754	1.73	727	754	729	333	262	272

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15        Poland                    24771 2.09           426  431  605  502  502  637
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###############################################################################
  ##### TS-RECOVERED Cases  -- Data dated:  2020-12-18  ::  2020-12-19 01:02:34
###############################################################################
  Number of Countries/Regions reported:  191
  Number of Cities/Provinces reported:  68
  Unique number of distinct geographical locations combined: 256
-------------------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 42667969
-------------------------------------------------------------------------------
   Country.Region Province.State   Totals LastDayChange   t-2   t-3    t-7  t-14  t-30
```

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		9550712	29885	31087	33291	33136	41970	44807
2	Brazil		6322955	21408	62355	32709	0	39093	22681
3	Russia		2207398	25702	25854	26036	25704	27260	25052
4	Turkey		1753552	31945	30494	29922	1123456	4100	2918
5	Argentina		1356755	4199	4642	3614	5368	6830	11040
6	Colombia		1354021	10202	7653	7736	6126	8712	7209
7	Italy		1226086	22272	27913	34495	24728	23923	17020
8	Germany		1095982	17038	22467	24756	9693	20645	16689
9	Mexico		962397	8635	8089	7584	7923	6924	4336
10	Peru		928219	4099	0	3814	1735	0	4228
11	Poland		915576	12227	10699	12902	25185	21497	19003
12	Iran		865474	8961	12083	11154	13000	11602	6721
13	South Africa		783818	3505	5728	9608	1745	3848	1010
14	Ukraine		582457	13257	13525	13003	14067	15108	7921
15	Chile		552289	1089	1348	1662	1741	1707	1108

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#########################################################################################################################
   ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-12-19  ::  2020-12-19 01:02:34
#########################################################################################################################
  Number of Countries/Regions reported: 189
  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	France	2441737	3.23	59869	2.45	159138	6.52	2222730	91.03
2	Turkey	1982090	2.62	17610	0.89	1753552	88.47	210928	10.64
3	Maharashtra, India	1888767	2.50	48574	2.57	1778722	94.17	61471	3.25
4	England, United Kingdom	1688963	2.23	58125	3.44	0	0.00	1630838	96.56
5	Argentina	1531374	2.03	41672	2.72	1356755	88.60	132947	8.68
6	Sao Paulo, Brazil	1371653	1.81	44878	3.27	1195792	87.18	130983	9.55
7	Poland	1182864	1.56	24771	2.09	915576	77.40	242517	20.50
8	Iran	1145651	1.52	53273	4.65	865474	75.54	226904	19.81
9	Karnataka, India	907123	1.20	11989	1.32	879735	96.98	15399	1.70
10	South Africa	901538	1.19	24285	2.69	783818	86.94	93435	10.36
11	Andhra Pradesh, India	877806	1.16	7070	0.81	866359	98.70	4377	0.50
12	Tamil Nadu, India	804650	1.06	11954	1.49	782915	97.30	9781	1.22

```
13        Moscow, Russia    722178      0.96  10243    1.42   557028         77.13  154907      21.45
14         Kerala, India    693865      0.92   2757    0.40   632065         91.09   59043       8.51
15             Indonesia    650197      0.86  19514    3.00   531995         81.82   98688      15.18
==========================================================================================================
```

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```
   ##### AGGREGATED Data  -- ORDERED BY  DEATHS Cases  -- Data dated:  2020-12-19  ::  2020-12-19 01:02:34
```
###

```
   Number of Countries/Regions reported: 189
   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	France	2441737	3.23	59869	2.45	159138	6.52	2222730	91.03
2	England, United Kingdom	1688963	2.23	58125	3.44	0	0.00	1630838	96.56
3	Iran	1145651	1.52	53273	4.65	865474	75.54	226904	19.81
4	Maharashtra, India	1888767	2.50	48574	2.57	1778722	94.17	61471	3.25
5	Sao Paulo, Brazil	1371653	1.81	44878	3.27	1195792	87.18	130983	9.55
6	Argentina	1531374	2.03	41672	2.72	1356755	88.60	132947	8.68
7	Poland	1182864	1.56	24771	2.09	915576	77.40	242517	20.50
8	Rio de Janeiro, Brazil	402480	0.53	24351	6.05	367923	91.41	10206	2.54
9	South Africa	901538	1.19	24285	2.69	783818	86.94	93435	10.36
10	Lombardia, Italy	455479	0.60	24225	5.32	363044	79.71	68210	14.98
11	Indonesia	650197	0.86	19514	3.00	531995	81.82	98688	15.18
12	Turkey	1982090	2.62	17610	0.89	1753552	88.47	210928	10.64
13	Mexico, Mexico	131405	0.17	17357	13.21	0	0.00	114048	86.79
14	Lima, Peru	439254	0.58	16484	3.75	0	0.00	422770	96.25
15	Ciudad de Mexico, Mexico	282691	0.37	15222	5.38	0	0.00	267469	94.62

```
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```
   ##### AGGREGATED Data  -- ORDERED BY  RECOVERED Cases  -- Data dated:  2020-12-19  ::  2020-12-19 01:02:34
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###

```
   Number of Countries/Regions reported: 189
   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	1888767	2.50	48574	2.57	1778722	94.17	61471	3.25
2	Turkey	1982090	2.62	17610	0.89	1753552	88.47	210928	10.64
3	Argentina	1531374	2.03	41672	2.72	1356755	88.60	132947	8.68
4	Sao Paulo, Brazil	1371653	1.81	44878	3.27	1195792	87.18	130983	9.55
5	Poland	1182864	1.56	24771	2.09	915576	77.40	242517	20.50
6	Karnataka, India	907123	1.20	11989	1.32	879735	96.98	15399	1.70
7	Andhra Pradesh, India	877806	1.16	7070	0.81	866359	98.70	4377	0.50
8	Iran	1145651	1.52	53273	4.65	865474	75.54	226904	19.81
9	South Africa	901538	1.19	24285	2.69	783818	86.94	93435	10.36
10	Tamil Nadu, India	804650	1.06	11954	1.49	782915	97.30	9781	1.22
11	Kerala, India	693865	0.92	2757	0.40	632065	91.09	59043	8.51
12	Delhi, India	614775	0.81	10219	1.66	593137	96.48	11419	1.86
13	Moscow, Russia	722178	0.96	10243	1.42	557028	77.13	154907	21.45
14	Uttar Pradesh, India	572196	0.76	8154	1.43	546087	95.44	17955	3.14

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15          Indonesia    650197       0.86  19514     3.00   531995        81.82  98688        15.18
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####################################################################################################

    ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-12-19  ::  2020-12-19 01:02:34
####################################################################################################

  Number of Countries/Regions reported: 189
  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                   France   2441737          3.23  59869        2.45    159138           6.52 2222730       91.03
2   England, United Kingdom   1688963          2.23  58125        3.44         0           0.00 1630838       96.56
3  Los Angeles, California, US    596721       0.79   8757        1.47         0           0.00  587964       98.53
4                Lima, Peru    439254          0.58  16484        3.75         0           0.00  422770       96.25
5          Cook, Illinois, US    366020        0.48   7654        2.09         0           0.00  358366       97.91
6             Madrid, Spain    374114          0.49  11637        3.11     40736          10.89  321741       86.00
7           Catalonia, Spain    329175         0.44   8511        2.59     26203           7.96  294461       89.45
8                    Serbia    292640          0.39   2580        0.88         0           0.00  290060       99.12
9        Maricopa, Arizona, US   274026        0.36   4610        1.68         0           0.00  269416       98.32
10   Ciudad de Mexico, Mexico    282691         0.37  15222        5.38         0           0.00  267469       94.62
11    Miami-Dade, Florida, US    269716         0.36   4034        1.50         0           0.00  265682       98.50
12                    Poland   1182864         1.56  24771        2.09    915576          77.40  242517       20.50
13           Andalusia, Spain    252256        0.33   4723        1.87     10671           4.23  236862       93.90
14                      Iran   1145651         1.52  53273        4.65    865474          75.54  226904       19.81
15         Harris, Texas, US    215779         0.29   3215        1.49         0           0.00  212564       98.51
====================================================================================================


        Confirmed      Deaths   Recovered       Active
  Totals
        75585590     1654804 40761939          NA
  Average
        19072.82      417.56  10285.63          NA
  Standard Deviation
        96259.19     2465.61 72338.04          NA


  * Statistical estimators computed considering 3963 independent reported entries


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******************************* OVERALL SUMMARY********************************
****************************************************************************
  ****   Time Series Worldwide TOTS ****
        ts-confirmed  ts-deaths    ts-recovered
        75672814      1674840 42667969
                      2.21%        56.38%
  ****   Time Series Worldwide AVGS ****
        ts-confirmed  ts-deaths    ts-recovered
        279235.48     6180.22 166671.75
                      2.21%        59.69%
  ****   Time Series Worldwide SDS ****
        ts-confirmed  ts-deaths    ts-recovered
        1337369.11    26351.32     757187.73
                      1.97%        56.62%
```

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