```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
------------------------------------------------------------------------------
##############################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-10-09  ::  2020-10-10 01:02:28
##############################################################################
   Number of Countries/Regions reported:  188
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 266
------------------------------------------------------------------------------
   Worldwide ts-confirmed  Totals: 36802976
------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		7663293	20.82	57420	56191	50341	50044	44872	36360
2	India		6906151	18.77	0	70496	78524	75829	88600	96551
3	Brazil		5055888	13.74	27444	27750	31553	59741	28378	40557
4	Russia		1265572	3.44	11969	11345	10981	9735	7421	5310
5	Colombia		894300	2.43	8121	8495	7876	6615	7721	7813
6	Argentina		871468	2.37	15099	15454	16447	11129	11249	11905
7	Spain		861112	2.34	12788	12423	10491	0	0	10764
8	Peru		838614	2.28	2952	2733	2930	3267	0	6586
9	Mexico		810020	2.20	5532	5300	4580	4863	5573	5043
10	France		702148	1.91	19956	18014	17647	0	0	8750
11	South Africa		688352	1.87	1461	1736	1913	1883	969	2007
12	United Kingdom		575679	1.56	13864	17540	14162	12871	6041	2919
13	Iran		492378	1.34	4142	4392	4019	3523	3204	2063
14	Chile		477769	1.30	1753	1576	1134	1881	2111	1642
15	Iraq		397780	1.08	3214	3522	3923	3672	4270	4597

```
------------------------------------------------------------------------------
   Global Perc. Average:  0.38 (sd: 1.94)
   Global Perc. Average in top  15 :  5.16 (sd: 6.7)

------------------------------------------------------------------------------
==============================================================================
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
------------------------------------------------------------------------------
##############################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-10-09  ::  2020-10-10 01:02:29
##############################################################################
   Number of Countries/Regions reported:  188
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 266
------------------------------------------------------------------------------
   Worldwide ts-deaths  Totals: 1067114
------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		213752	2.79	990	961	915	687	740	920
2	Brazil		149639	2.96	682	729	734	1307	869	983
3	India		106490	1.54	0	964	971	940	1124	1209
4	Mexico		83497	10.31	401	370	378	388	399	600
5	United Kingdom		42679	7.41	87	77	70	49	35	14
6	Italy		36111	10.50	28	22	31	27	17	10
7	Peru		33098	3.95	89	95	80	74	0	113
8	Spain		32929	3.82	241	126	76	0	0	71
9	France		32356	4.61	61	76	79	0	0	13
10	Iran		28098	5.71	210	230	239	179	172	129
11	Colombia		27495	3.07	315	0	163	159	193	222
12	Argentina		23225	2.67	515	484	399	196	335	249
13	Russia		22137	1.75	198	184	196	172	167	127
14	South Africa		17547	2.55	139	160	145	29	64	97

```
15          Chile                    13220  2.77          53  77  20  52  64  79
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
===============================================================================
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-------------------------------------------------------------------------------
###############################################################################
  ##### TS-RECOVERED Cases  -- Data dated:  2020-10-09  ::  2020-10-10 01:02:29
###############################################################################
  Number of Countries/Regions reported:  188
  Number of Cities/Provinces reported:  68
  Unique number of distinct geographical locations combined: 253
-------------------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 25578672
-------------------------------------------------------------------------------
   Country.Region Province.State  Totals LastDayChange   t-2    t-3    t-7   t-14   t-30
1            India                5906069           0 78365  83011  82260  92043  70880
2           Brazil                4502854       14762 30920  26832  61449  24817  46069
3               US                3039089       17837 21357  47505  23953  23124  16032
4           Russia                1005199        7002  6920   6510   5525   5926   5892
5         Colombia                 780547        6574     0   3161   3848  12635  16594
6             Peru                 728216           0  4610  10718   5117  21347      0
7        Argentina                 697141       12297 14119  10453  11599   9565   7608
8           Mexico                 687123        4519  2911   2770   4187   3320   3290
9     South Africa                 620081        1310   644   1270   1719   2669   3068
10           Chile                 450297        1587  1657   1635   1274   1679   1801
11            Iran                 401379        2079  2191   2309   2411   2209   1731
12            Iraq                 328097        4282  4031   3413   3861   3652   3824
13    Saudi Arabia                 324282         513   561    596    626    769   1032
14        Pakistan                 303062         354   333   1087    375    280    548
15          Turkey                 291754        1402  1398   1355   1211   1232   1219
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
===============================================================================
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
###############################################################################################################

  ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-10-10  ::  2020-10-10 01:02:29
###############################################################################################################

  Number of Countries/Regions reported:  188
  Number of Cities/Provinces reported:  561
  Unique number of distinct geographical locations combined: 3947
-------------------------------------------------------------------------------

                  Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1        Maharashtra, India   1493884           4.06  39430        2.64   1212016          81.13 242438       16.23
2          Sao Paulo, Brazil  1028190           2.80  37068        3.61    898416          87.38  92706        9.02
3                 Argentina    871468           2.37  23225        2.67    697141          80.00 151102       17.34
4     Andhra Pradesh, India    739719           2.01   6128        0.83    684930          92.59  48661        6.58
5                    France    702148           1.91  32356        4.61     81763          11.64 588029       83.75
6              South Africa    688352           1.87  17547        2.55    620081          90.08  50724        7.37
7          Karnataka, India    679356           1.85   9675        1.42    552519          81.33 117162       17.25
8         Tamil Nadu, India    640943           1.74  10052        1.57    586454          91.50  44437        6.93
9                      Iran    492378           1.34  28098        5.71    401379          81.52  62901       12.77
10 England, United Kingdom    491428           1.34  37902        7.71         0           0.00 453526       92.29
11     Uttar Pradesh, India    427459           1.16   6245        1.46    378662          88.58  42552        9.95
12                     Iraq    397780           1.08   9735        2.45    328097          82.48  59948       15.07
```

13	Lima, Peru	381840	1.04	14891	3.90	0	0.00	366949	96.10
14	Bangladesh	375870	1.02	5477	1.46	289912	77.13	80481	21.41
15	Saudi Arabia	338539	0.92	4996	1.48	324282	95.79	9261	2.74

==

##

AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-10 :: 2020-10-10 01:02:29
##

Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 561
Unique number of distinct geographical locations combined: 3947

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1493884	4.06	39430	2.64	1212016	81.13	242438	16.23
2	England, United Kingdom	491428	1.34	37902	7.71	0	0.00	453526	92.29
3	Sao Paulo, Brazil	1028190	2.80	37068	3.61	898416	87.38	92706	9.02
4	France	702148	1.91	32356	4.61	81763	11.64	588029	83.75
5	Iran	492378	1.34	28098	5.71	401379	81.52	62901	12.77
6	Argentina	871468	2.37	23225	2.67	697141	80.00	151102	17.34
7	Rio de Janeiro, Brazil	282080	0.77	19222	6.81	257362	91.24	5496	1.95
8	South Africa	688352	1.87	17547	2.55	620081	90.08	50724	7.37
9	Lombardia, Italy	110852	0.30	16980	15.32	82744	74.64	11128	10.04
10	Lima, Peru	381840	1.04	14891	3.90	0	0.00	366949	96.10
11	Ciudad de Mexico, Mexico	138329	0.38	13919	10.06	116687	84.35	7723	5.58
12	Ecuador	145848	0.40	12175	8.35	120511	82.63	13162	9.02
13	Indonesia	324658	0.88	11677	3.60	247667	76.29	65314	20.12
14	Belgium	148981	0.41	10151	6.81	20072	13.47	118758	79.71
15	Tamil Nadu, India	640943	1.74	10052	1.57	586454	91.50	44437	6.93

==

##

AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-10 :: 2020-10-10 01:02:29
##

Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 561
Unique number of distinct geographical locations combined: 3947

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1493884	4.06	39430	2.64	1212016	81.13	242438	16.23
2	Sao Paulo, Brazil	1028190	2.80	37068	3.61	898416	87.38	92706	9.02
3	Argentina	871468	2.37	23225	2.67	697141	80.00	151102	17.34
4	Andhra Pradesh, India	739719	2.01	6128	0.83	684930	92.59	48661	6.58
5	South Africa	688352	1.87	17547	2.55	620081	90.08	50724	7.37
6	Tamil Nadu, India	640943	1.74	10052	1.57	586454	91.50	44437	6.93
7	Karnataka, India	679356	1.85	9675	1.42	552519	81.33	117162	17.25
8	Iran	492378	1.34	28098	5.71	401379	81.52	62901	12.77
9	Uttar Pradesh, India	427459	1.16	6245	1.46	378662	88.58	42552	9.95
10	Iraq	397780	1.08	9735	2.45	328097	82.48	59948	15.07
11	Saudi Arabia	338539	0.92	4996	1.48	324282	95.79	9261	2.74
12	Bahia, Brazil	323210	0.88	7075	2.19	309324	95.70	6811	2.11
13	Turkey	332382	0.90	8722	2.62	291754	87.78	31906	9.60
14	Bangladesh	375870	1.02	5477	1.46	289912	77.13	80481	21.41

```
15  Minas Gerais, Brazil    318090      0.86  7992      2.51    283568       89.15  26530        8.34
==================================================================================================================


###################################################################################################################

   ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-10-10  ::  2020-10-10 01:02:29
###################################################################################################################

   Number of Countries/Regions reported: 188
   Number of Cities/Provinces reported: 561
   Unique number of distinct geographical locations combined: 3947
   -----------------------------------------------------------------------------------------------------------


                     Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1                      France    702148      1.91  32356      4.61      81763       11.64 588029       83.75
2     England, United Kingdom    491428      1.34  37902      7.71          0        0.00 453526       92.29
3                  Lima, Peru    381840      1.04  14891      3.90          0        0.00 366949       96.10
4   Los Angeles, California, US 279909      0.76   6741      2.41          0        0.00 273168       97.59
5           Maharashtra, India   1493884      4.06  39430      2.64    1212016       81.13 242438       16.23
6                Madrid, Spain    261762      0.71   9739      3.72      40736       15.56 211287       80.72
7      Miami-Dade, Florida, US    174112      0.47   3409      1.96          0        0.00 170703       98.04
8                   Argentina    871468      2.37  23225      2.67     697141       80.00 151102       17.34
9           Harris, Texas, US    150176      0.41   2668      1.78          0        0.00 147508       98.22
10          Cook, Illinois, US    152387      0.41   5289      3.47          0        0.00 147098       96.53
11       Maricopa, Arizona, US    145298      0.40   3458      2.38          0        0.00 141840       97.62
12           Catalonia, Spain    154354      0.42   5875      3.81      26203       16.98 122276       79.22
13                    Belgium    148981      0.41  10151      6.81      20072       13.47 118758       79.71
14          Karnataka, India    679356      1.85   9675      1.42     552519       81.33 117162       17.25
15           Sao Paulo, Brazil   1028190      2.80  37068      3.61     898416       87.38  92706        9.02
==================================================================================================================


        Confirmed      Deaths   Recovered       Active
  Totals
        36780114      1064203 21789066         NA
  Average
        9318.5 269.62  5520.41 NA
  Standard Deviation
        51185.39       1653.07 41080.22         NA


 * Statistical estimators computed considering 3947 independent reported entries


****************************************************************************************
******************************** OVERALL SUMMARY***************************************
****************************************************************************************
   ****   Time Series Worldwide TOTS ****
        ts-confirmed   ts-deaths      ts-recovered
        36802976       1067114 25578672
                2.9%           69.5%
   ****   Time Series Worldwide AVGS ****
        ts-confirmed   ts-deaths      ts-recovered
        138357.05      4011.71 101101.47
                2.9%           73.07%
   ****   Time Series Worldwide SDS ****
        ts-confirmed   ts-deaths      ts-recovered
        715213.32      18703.62       514669.14
                2.62%          71.96%
```

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