```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
--------------------------------------------------------------------------------
################################################################################
   ##### TS-CONFIRMED Cases  -- Data dated:  2020-09-01  ::  2020-09-02 01:02:24
################################################################################
   Number of Countries/Regions reported:  188
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 266
--------------------------------------------------------------------------------
   Worldwide ts-confirmed  Totals: 25749642
--------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		6073840	23.59	43253	34156	35337	44109	46436	45368
2	Brazil		3950931	15.34	42659	45961	16158	47161	49298	16641
3	India		3769523	14.64	78357	69921	78512	85687	69672	52050
4	Russia		997072	3.87	4670	4932	4897	4642	4790	5364
5	Peru		652037	2.53	4871	7731	9474	6944	7828	4250
6	South Africa		628259	2.44	1218	1985	2505	2684	3916	5377
7	Colombia		624026	2.42	8932	7190	8020	10130	13056	10199
8	Mexico		606036	2.35	6476	3719	4129	5267	5792	4767
9	Spain		470973	1.83	8115	23572	0	7296	6671	8532
10	Argentina		428239	1.66	10504	9309	7187	10550	6693	4824
11	Chile		413145	1.60	1419	1752	1965	1380	1182	1762
12	Iran		376894	1.46	1682	1642	1754	2243	2444	2598
13	United Kingdom		337168	1.31	1295	1406	1715	1048	812	938
14	Saudi Arabia		316670	1.23	898	951	910	1068	1363	1258
15	Bangladesh		314946	1.22	1950	2174	1897	2519	2747	1356

```
--------------------------------------------------------------------------------
   Global Perc. Average:  0.38 (sd: 1.98)
   Global Perc. Average in top  15 :  5.17 (sd: 6.87)

--------------------------------------------------------------------------------
================================================================================
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
--------------------------------------------------------------------------------
################################################################################
   ##### TS-DEATHS Cases  -- Data dated:  2020-09-01  ::  2020-09-02 01:02:24
################################################################################
   Number of Countries/Regions reported:  188
   Number of Cities/Provinces reported:  82
   Unique number of distinct geographical locations combined: 266
--------------------------------------------------------------------------------
   Worldwide ts-deaths  Totals: 857015
--------------------------------------------------------------------------------
```

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		184664	3.04	1067	573	310	1225	1353	530
2	Brazil		122596	3.10	1215	553	566	1085	1212	561
3	India		66333	1.76	1045	819	971	1115	978	803
4	Mexico		65241	10.77	827	256	339	626	707	266
5	United Kingdom		41504	12.31	3	2	1	16	16	1
6	Italy		35491	13.14	8	6	4	13	7	12
7	France		30518	9.94	23	25	10	0	-1	-1
8	Spain		29152	6.19	58	83	0	47	127	27
9	Peru		28944	4.44	156	181	136	188	177	197
10	Iran		21672	5.75	101	109	103	119	153	215
11	Colombia		20050	3.21	388	299	300	295	360	367
12	Russia		17250	1.73	122	83	68	114	115	79
13	South Africa		14263	2.27	114	121	47	194	159	173
14	Chile		11321	2.74	32	45	63	32	32	99

```
15       Belgium                    9897 11.58               2   1   3 -117   10    5
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
===============================================================================
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-------------------------------------------------------------------------------
###############################################################################
  ##### TS-RECOVERED Cases  -- Data dated:  2020-09-01  ::  2020-09-02 01:02:25
###############################################################################
  Number of Countries/Regions reported:  188
  Number of Cities/Provinces reported:  68
  Unique number of distinct geographical locations combined: 253
-------------------------------------------------------------------------------
  Worldwide ts-recovered  Totals: 17074386
-------------------------------------------------------------------------------
   Country.Region Province.State   Totals LastDayChange   t-2   t-3   t-7  t-14  t-30
1        Brazil                   3345240        76649 30976 35430 49896 50685 36100
2         India                   2901908        62026 65081 60868 65432 58848 44306
3            US                   2202663        17838 30886 13325 30766 26890 44757
4        Russia                    813603         6264  2398  2576  6317  6757  3411
5   South Africa                   549993         9070  2319  1910  4861  5973 10810
6        Mexico                    501722         5500  6498  5441  2991  4566 10915
7          Peru                    471599        16142  8782  8658     0  3434  3904
8      Colombia                    469552        10092  8851 10047 11651 13975  6488
9         Chile                    385790         1911  1295  1401  1805  1845  1565
10         Iran                    325124         1891  1812  1574  1812  1647  2126
11     Argentina                   308376         7181  7188  6787  5599  5194  2276
12  Saudi Arabia                   291514          718  1129  1226  1013  1180  1974
13      Pakistan                   280970          288   135   207   514  2139   820
14        Turkey                   245929         1003  1087  1027  1002  1002  1003
15       Germany                   218403         1608  1512   493  1358   777   686
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------
===============================================================================
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
###############################################################################################################

  ##### AGGREGATED Data  -- ORDERED BY  CONFIRMED Cases  -- Data dated:  2020-09-02  ::  2020-09-02 01:02:25
###############################################################################################################

  Number of Countries/Regions reported: 186
  Number of Cities/Provinces reported: 560
  Unique number of distinct geographical locations combined: 3943
-------------------------------------------------------------------------------

             Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1       Sao Paulo, Brazil    814375           3.17  30375        3.73    655747          80.52 128253       15.75
2      Maharashtra, India    808306           3.15  24903        3.08    584537          72.32 198866       24.60
3            South Africa    628259           2.45  14263        2.27    549993          87.54  64003       10.19
4    Andhra Pradesh, India   445139           1.73   4053        0.91    339876          76.35 101210       22.74
5         Tamil Nadu, India   433969           1.69   7418        1.71    374172          86.22  52379       12.07
6               Argentina    428239           1.67   8919        2.08    308376          72.01 110944       25.91
7                    Iran    376894           1.47  21672        5.75    325124          86.26  30098        7.99
8         Karnataka, India   351481           1.37   5837        1.66    254626          72.44  91018       25.90
9             Saudi Arabia    316670           1.23   3929        1.24    291514          92.06  21227        6.70
10             Bangladesh    314946           1.23   4316        1.37    208177          66.10 102453       32.53
11              Lima, Peru    309162           1.20  12832        4.15         0           0.00 296330       95.85
12                  France    306951           1.20  30518        9.94     73727          24.02 202706       66.04
```

```
13 England, United Kingdom    291179      1.13  36854     12.66        0       0.00 254325      87.34
14    Metropolitana, Chile    274145      1.07   8559      3.12   260827      95.14   4759       1.74
15                 Turkey     271705      1.06   6417      2.36   245929      90.51  19359       7.13
=====================================================================================================


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

   ##### AGGREGATED Data  -- ORDERED BY  DEATHS Cases  -- Data dated:  2020-09-02  ::  2020-09-02 01:02:25
######################################################################################################

   Number of Countries/Regions reported: 186
   Number of Cities/Provinces reported: 560
   Unique number of distinct geographical locations combined: 3943
   -------------------------------------------------------------------------------------------------


                 Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1   England, United Kingdom    291179      1.13  36854     12.66        0       0.00 254325      87.34
2                   France     306951      1.20  30518      9.94    73727      24.02 202706      66.04
3        Sao Paulo, Brazil     814375      3.17  30375      3.73   655747      80.52 128253      15.75
4        Maharashtra, India    808306      3.15  24903      3.08   584537      72.32 198866      24.60
5                     Iran     376894      1.47  21672      5.75   325124      86.26  30098       7.99
6          Lombardia, Italy    100317      0.39  16867     16.81    76368      76.13   7082       7.06
7    Rio de Janeiro, Brazil    226800      0.88  16217      7.15   204845      90.32   5738       2.53
8             South Africa     628259      2.45  14263      2.27   549993      87.54  64003      10.19
9               Lima, Peru     309162      1.20  12832      4.15        0       0.00 296330      95.85
10 Ciudad de Mexico, Mexico     99564      0.39  10591     10.64    82245      82.61   6728       6.76
11                 Belgium      85487      0.33   9897     11.58    18457      21.59  57133      66.83
12               Argentina     428239      1.67   8919      2.08   308376      72.01 110944      25.91
13            Madrid, Spain    128178      0.50   8662      6.76    40736      31.78  78780      61.46
14     Metropolitana, Chile    274145      1.07   8559      3.12   260827      95.14   4759       1.74
15            Ceara, Brazil    216333      0.84   8447      3.90   191511      88.53  16375       7.57
=====================================================================================================


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

   ##### AGGREGATED Data  -- ORDERED BY  RECOVERED Cases  -- Data dated:  2020-09-02  ::  2020-09-02 01:02:25
######################################################################################################

   Number of Countries/Regions reported: 186
   Number of Cities/Provinces reported: 560
   Unique number of distinct geographical locations combined: 3943
   -------------------------------------------------------------------------------------------------


                 Location Confirmed Perc.Confirmed Deaths Perc.Deaths Recovered Perc.Recovered Active Perc.Active
1        Sao Paulo, Brazil     814375      3.17  30375      3.73   655747      80.52 128253      15.75
2        Maharashtra, India    808306      3.15  24903      3.08   584537      72.32 198866      24.60
3             South Africa     628259      2.45  14263      2.27   549993      87.54  64003      10.19
4        Tamil Nadu, India     433969      1.69   7418      1.71   374172      86.22  52379      12.07
5    Andhra Pradesh, India     445139      1.73   4053      0.91   339876      76.35 101210      22.74
6                     Iran     376894      1.47  21672      5.75   325124      86.26  30098       7.99
7                Argentina     428239      1.67   8919      2.08   308376      72.01 110944      25.91
8             Saudi Arabia     316670      1.23   3929      1.24   291514      92.06  21227       6.70
9      Metropolitana, Chile    274145      1.07   8559      3.12   260827      95.14   4759       1.74
10        Karnataka, India     351481      1.37   5837      1.66   254626      72.44  91018      25.90
11                  Turkey     271705      1.06   6417      2.36   245929      90.51  19359       7.13
12           Bahia, Brazil     259418      1.01   5448      2.10   243876      94.01  10094       3.89
13          Moscow, Russia     263059      1.02   4832      1.84   215383      81.88  42844      16.29
14              Bangladesh     314946      1.23   4316      1.37   208177      66.10 102453      32.53
```

```
15 Rio de Janeiro, Brazil    226800         0.88  16217       7.15    204845             90.32   5738       2.53
==========================================================================================================================
```

```
##########################################################################################################################

   ##### AGGREGATED Data  -- ORDERED BY  ACTIVE Cases  -- Data dated:  2020-09-02  ::  2020-09-02 01:02:25
##########################################################################################################################

  Number of Countries/Regions reported: 186
  Number of Cities/Provinces reported: 560
  Unique number of distinct geographical locations combined: 3943
--------------------------------------------------------------------------------------------------------------------------
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Lima, Peru	309162	1.20	12832	4.15	0	0.00	296330	95.85
2	England, United Kingdom	291179	1.13	36854	12.66	0	0.00	254325	87.34
3	Los Angeles, California, US	242521	0.94	5829	2.40	0	0.00	236692	97.60
4	France	306951	1.20	30518	9.94	73727	24.02	202706	66.04
5	Maharashtra, India	808306	3.15	24903	3.08	584537	72.32	198866	24.60
6	Miami-Dade, Florida, US	159059	0.62	2537	1.60	0	0.00	156522	98.40
7	Maricopa, Arizona, US	134004	0.52	2976	2.22	0	0.00	131028	97.78
8	Sao Paulo, Brazil	814375	3.17	30375	3.73	655747	80.52	128253	15.75
9	Cook, Illinois, US	126992	0.49	5065	3.99	0	0.00	121927	96.01
10	Argentina	428239	1.67	8919	2.08	308376	72.01	110944	25.91
11	Harris, Texas, US	107490	0.42	2208	2.05	0	0.00	105282	97.95
12	Bangladesh	314946	1.23	4316	1.37	208177	66.10	102453	32.53
13	Andhra Pradesh, India	445139	1.73	4053	0.91	339876	76.35	101210	22.74
14	Karnataka, India	351481	1.37	5837	1.66	254626	72.44	91018	25.90
15	Madrid, Spain	128178	0.50	8662	6.76	40736	31.78	78780	61.46

```
==========================================================================================================================


      Confirmed      Deaths   Recovered        Active
 Totals
      25664595      854787  14316323        NA
 Average
      6508.9 216.79 3630.82 NA
 Standard Deviation
      33909.44       1346.04 26030.75        NA


 * Statistical estimators computed considering 3943 independent reported entries


**************************************************************************************
****************************** OVERALL SUMMARY***************************************
**************************************************************************************
  ****   Time Series Worldwide TOTS ****
       ts-confirmed   ts-deaths      ts-recovered
       25749642       857015  17074386
                      3.33%          66.31%
  ****   Time Series Worldwide AVGS ****
       ts-confirmed   ts-deaths      ts-recovered
       96803.17       3221.86 67487.69
                      3.33%          69.72%
  ****   Time Series Worldwide SDS ****
       ts-confirmed   ts-deaths      ts-recovered
       508760.74      15411.2 320755.92
                      3.03%          63.05%
```

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