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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-15 :: 2020-10-16 13:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-confirmed Totals: 38917803

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		7979709	20.50	63610	59494	52406	57420	54506	38551
2	India		7370468	18.94	63371	67708	63509	73272	79476	97894
3	Brazil		5169386	13.28	28523	27235	10220	27444	0	36820
4	Russia		1346380	3.46	13556	14041	13690	11969	9294	5612
5	Argentina		949063	2.44	17096	14932	13305	15099	14687	11674
6	Colombia		936982	2.41	6823	6061	5014	8121	6193	7787
7	Spain		921374	2.37	13318	11970	7118	12788	11325	11193
8	Peru		859740	2.21	5766	0	2803	2952	3468	4160
9	Mexico		834910	2.15	5514	4056	4295	5532	4775	4444
10	France		818707	2.10	30590	21696	21317	19956	12146	9501
11	South Africa		698184	1.79	1770	1877	1178	1461	1749	1923
12	United Kingdom		673622	1.73	18978	19724	17232	13864	6968	3991
13	Iran		517835	1.33	4616	4830	4108	4142	3552	2981
14	Chile		486496	1.25	1124	1092	1448	1753	1840	1304
15	Iraq		416802	1.07	3587	3857	3921	3214	4785	4357

Global Perc. Average: 0.37 (sd: 1.92)

Global Perc. Average in top 15 : 5.14 (sd: 6.62)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-10-15 :: 2020-10-16 13:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-deaths Totals: 1098254

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		217692	2.73	820	985	802	990	907	983
2	Brazil		152460	2.95	713	749	309	682	0	987
3	India		112161	1.52	895	680	730	926	1069	1132
4	Mexico		85285	10.21	387	478	475	401	414	300
5	United Kingdom		43293	6.43	138	137	143	87	66	20
6	Italy		36372	9.53	83	43	41	28	23	12
7	Peru		33577	3.91	158	0	62	89	72	115
8	Spain		33553	3.64	140	209	80	241	113	239
9	France		32876	4.02	88	74	258	61	136	46
10	Iran		29605	5.72	256	279	254	210	187	179
11	Colombia		28457	3.04	151	165	156	315	201	190
12	Argentina		25342	2.67	421	349	386	515	311	264
13	Russia		23350	1.73	281	235	240	198	185	130
14	South Africa		18309	2.62	158	123	165	139	43	64

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15 Chile 13434 2.76 19 19 20 53 45 18

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-15 :: 2020-10-16 13:02:29
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 254
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Worldwide ts-recovered Totals: 26885286

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		6453779	70338	81514	74632	82753	75628	82719
2	Brazil		4526393	0	0	0	14762	0	33959
3	US		3177397	21603	31201	17865	17837	12719	30446
4	Russia		1043431	8290	7793	7443	7002	5995	5764
5	Colombia		826831	10164	9964	8307	6574	2262	2100
6	Argentina		764859	13713	8911	9653	12297	11375	9380
7	Peru		759597	5638	5862	4128	0	0	7389
8	Mexico		707631	4142	32	2631	4519	4176	4657
9	South Africa		628301	1403	1324	915	1310	1460	1069
10	Chile		459536	1463	1574	2065	1587	1459	1909
11	Iran		418054	3223	2991	2719	2079	1896	2035
12	Iraq		350752	3356	3188	4158	4282	3922	3895
13	Saudi Arabia		327327	507	481	500	513	602	982
14	Pakistan		305835	440	315	471	354	538	409
15	Turkey		299679	1311	1396	1314	1402	1506	1342

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-16 :: 2020-10-16 13:02:29
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Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 562
Unique number of distinct geographical locations combined: 3951

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1564615	4.02	41196	2.63	1330483	85.04	192936	12.33
2	Sao Paulo, Brazil	1051613	2.70	37690	3.58	908199	86.36	105724	10.05
3	Argentina	949063	2.44	25342	2.67	764859	80.59	158862	16.74
4	France	818707	2.10	32876	4.02	84933	10.37	700898	85.61
5	Andhra Pradesh, India	771503	1.98	6357	0.82	725099	93.99	40047	5.19
6	Karnataka, India	743848	1.91	10283	1.38	620008	83.35	113557	15.27
7	South Africa	698184	1.79	18309	2.62	628301	89.99	51574	7.39
8	Tamil Nadu, India	674802	1.73	10472	1.55	622458	92.24	41872	6.21
9	England, United Kingdom	572667	1.47	38404	6.71	0	0.00	534263	93.29
10	Iran	517835	1.33	29605	5.72	418054	80.73	70176	13.55
11	Uttar Pradesh, India	447383	1.15	6543	1.46	404545	90.42	36295	8.11
12	Iraq	416802	1.07	10086	2.42	350752	84.15	55964	13.43

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13	Lima, Peru	390497	1.00	15100	3.87	0	0.00	375397	96.13
14	Bangladesh	384559	0.99	5608	1.46	299229	77.81	79722	20.73
15	Indonesia	349160	0.90	12268	3.51	273661	78.38	63231	18.11

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#####
#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-16 :: 2020-10-16 13:02:29
#####
```

Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3951

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1564615	4.02	41196	2.63	1330483	85.04	192936	12.33
2	England, United Kingdom	572667	1.47	38404	6.71	0	0.00	534263	93.29
3	Sao Paulo, Brazil	1051613	2.70	37690	3.58	908199	86.36	105724	10.05
4	France	818707	2.10	32876	4.02	84933	10.37	700898	85.61
5	Iran	517835	1.33	29605	5.72	418054	80.73	70176	13.55
6	Argentina	949063	2.44	25342	2.67	764859	80.59	158862	16.74
7	Rio de Janeiro, Brazil	286282	0.74	19555	6.83	258928	90.45	7799	2.72
8	South Africa	698184	1.79	18309	2.62	628301	89.99	51574	7.39
9	Lombardia, Italy	118711	0.31	17037	14.35	84624	71.29	17050	14.36
10	Lima, Peru	390497	1.00	15100	3.87	0	0.00	375397	96.13
11	Ciudad de Mexico, Mexico	143549	0.37	14236	9.92	121208	84.44	8105	5.65
12	Ecuador	150360	0.39	12306	8.18	128134	85.22	9920	6.60
13	Indonesia	349160	0.90	12268	3.51	273661	78.38	63231	18.11
14	Tamil Nadu, India	674802	1.73	10472	1.55	622458	92.24	41872	6.21
15	Belgium	191959	0.49	10327	5.38	20720	10.79	160912	83.83

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#####
#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-16 :: 2020-10-16 13:02:29
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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3951

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1564615	4.02	41196	2.63	1330483	85.04	192936	12.33
2	Sao Paulo, Brazil	1051613	2.70	37690	3.58	908199	86.36	105724	10.05
3	Argentina	949063	2.44	25342	2.67	764859	80.59	158862	16.74
4	Andhra Pradesh, India	771503	1.98	6357	0.82	725099	93.99	40047	5.19
5	South Africa	698184	1.79	18309	2.62	628301	89.99	51574	7.39
6	Tamil Nadu, India	674802	1.73	10472	1.55	622458	92.24	41872	6.21
7	Karnataka, India	743848	1.91	10283	1.38	620008	83.35	113557	15.27
8	Iran	517835	1.33	29605	5.72	418054	80.73	70176	13.55
9	Uttar Pradesh, India	447383	1.15	6543	1.46	404545	90.42	36295	8.11
10	Iraq	416802	1.07	10086	2.42	350752	84.15	55964	13.43
11	Saudi Arabia	341062	0.88	5127	1.50	327327	95.97	8608	2.52
12	Bahia, Brazil	331362	0.85	7243	2.19	311054	93.87	13065	3.94
13	Turkey	342143	0.88	9080	2.65	299679	87.59	33384	9.76
14	Bangladesh	384559	0.99	5608	1.46	299229	77.81	79722	20.73

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15	Philippines	348698	0.90	6497	1.86	294161	84.36	48040	13.78
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-16 :: 2020-10-16 13:02:29
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Number of Countries/Regions reported: 189
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```
Number of Cities/Provinces reported: 562
```

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Unique number of distinct geographical locations combined: 3951
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	818707	2.10	32876	4.02	84933	10.37	700898	85.61
2	England, United Kingdom	572667	1.47	38404	6.71	0	0.00	534263	93.29
3	Lima, Peru	390497	1.00	15100	3.87	0	0.00	375397	96.13
4	Los Angeles, California, US	286183	0.74	6834	2.39	0	0.00	279349	97.61
5	Madrid, Spain	273615	0.70	9876	3.61	40736	14.89	223003	81.50
6	Maharashtra, India	1564615	4.02	41196	2.63	1330483	85.04	192936	12.33
7	Miami-Dade, Florida, US	176809	0.45	3501	1.98	0	0.00	173308	98.02
8	Belgium	191959	0.49	10327	5.38	20720	10.79	160912	83.83
9	Argentina	949063	2.44	25342	2.67	764859	80.59	158862	16.74
10	Cook, Illinois, US	159035	0.41	5332	3.35	0	0.00	153703	96.65
11	Harris, Texas, US	152977	0.39	2708	1.77	0	0.00	150269	98.23
12	Maricopa, Arizona, US	148152	0.38	3489	2.36	0	0.00	144663	97.64
13	Catalonia, Spain	165445	0.43	5895	3.56	26203	15.84	133347	80.60
14	Karnataka, India	743848	1.91	10283	1.38	620008	83.35	113557	15.27
15	Sao Paulo, Brazil	1051613	2.70	37690	3.58	908199	86.36	105724	10.05

	Confirmed	Deaths	Recovered	Active
Totals	38917803	1097992	22948292	NA
Average	9850.11	277.9	5808.22	NA
Standard Deviation	54124.58	1701.22	43557.84	NA

```
* Statistical estimators computed considering 3951 independent reported entries
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*****
***** OVERALL SUMMARY*****
*****
```

```
**** Time Series Worldwide TOTS ****
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ts-confirmed	ts-deaths	ts-recovered
38917803	1098254	26885286
2.82%		69.08%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
145759.56	4113.31	105847.58
2.82%		72.62%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
748183.27	19110.22	543752.06
2.55%		72.68%

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* Statistical estimators computed considering 267/267/254 independent reported entries per case-type
