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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-16 :: 2020-10-17 01:02:30
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-confirmed Totals: 39266928

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		8048865	20.50	69156	63610	59494	54639	50044	44730
2	India		7370468	18.77	0	63371	67708	74383	75829	96424
3	Brazil		5200300	13.24	30914	28523	27235	26749	59741	36303
4	Russia		1361317	3.47	14937	13556	14041	12673	9735	5667
5	Argentina		965609	2.46	16546	17096	14932	12414	11129	12701
6	Colombia		945354	2.41	8372	6823	6061	8447	6615	7568
7	Spain		936560	2.39	15186	13318	11970	0	0	11291
8	Peru		859740	2.19	0	5766	0	7474	3267	6380
9	France		843475	2.15	24768	30590	21696	0	0	10105
10	Mexico		841661	2.14	6751	5514	4056	4308	4863	3182
11	South Africa		700203	1.78	2019	1770	1877	2544	1883	2128
12	United Kingdom		689257	1.76	15635	18978	19724	15165	12871	3395
13	Iran		522387	1.33	4552	4616	4830	3875	3523	2815
14	Chile		488190	1.24	1694	1124	1092	1826	1881	1863
15	Iraq		420303	1.07	3501	3587	3857	2344	3672	4326

Global Perc. Average: 0.37 (sd: 1.92)

Global Perc. Average in top 15 : 5.13 (sd: 6.59)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-10-16 :: 2020-10-17 01:02:30
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
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Worldwide ts-deaths Totals: 1103517

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		218575	2.72	883	820	985	618	687	870
2	Brazil		153214	2.95	754	713	749	559	1307	829
3	India		112161	1.52	0	895	680	918	940	1174
4	Mexico		85704	10.18	419	387	478	145	388	201
5	United Kingdom		43429	6.30	136	138	137	81	49	21
6	Italy		36427	9.30	55	83	43	29	27	13
7	Spain		33775	3.61	222	140	209	0	0	162
8	Peru		33577	3.91	0	158	0	125	74	124
9	France		33054	3.92	178	88	74	0	0	47
10	Iran		29870	5.72	265	256	279	195	179	176
11	Colombia		28616	3.03	159	151	165	165	159	187
12	Argentina		25723	2.66	381	421	349	356	196	344
13	Russia		23580	1.73	230	281	235	194	172	143
14	South Africa		18370	2.62	61	158	123	126	29	67

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15	Chile	13529	2.77	95	19	19	52	52	84
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#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-16 :: 2020-10-17 01:02:31
#####
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: 27019124

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		6453779	0	70338	81514	89154	82260	87472
2	Brazil		4526393	0	0	0	0	61449	28470
3	US		3197539	20142	21603	31201	23894	23953	14761
4	Russia		1051780	8349	8290	7793	6712	5525	5688
5	Colombia		837001	10170	10164	9964	2584	3848	5379
6	Argentina		778501	13642	13713	8911	12323	11599	8084
7	Peru		769077	9480	5638	5862	4784	5117	13760
8	Mexico		712250	4619	4142	32	2254	4187	4942
9	South Africa		629260	959	1403	1324	2072	1719	1108
10	Chile		461097	1561	1463	1574	1757	1274	2075
11	Iran		420910	2856	3223	2991	2571	2411	1829
12	Iraq		353962	3210	3356	3188	4233	3861	3859
13	Saudi Arabia		327795	468	507	481	455	626	1203
14	Pakistan		306640	805	440	315	396	375	514
15	Turkey		301098	1419	1311	1396	1391	1211	1143

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-17 :: 2020-10-17 01:02:31
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```
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 562
Unique number of distinct geographical locations combined: 3950
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1564615	3.99	41196	2.63	1330483	85.04	192936	12.33
2	Sao Paulo, Brazil	1057240	2.69	37870	3.58	908199	85.90	111171	10.52
3	Argentina	965609	2.46	25723	2.66	778501	80.62	161385	16.71
4	France	843475	2.15	33054	3.92	85035	10.08	725386	86.00
5	Andhra Pradesh, India	771503	1.97	6357	0.82	725099	93.99	40047	5.19
6	Karnataka, India	743848	1.90	10283	1.38	620008	83.35	113557	15.27
7	South Africa	700203	1.78	18370	2.62	629260	89.87	52573	7.51
8	Tamil Nadu, India	674802	1.72	10472	1.55	622458	92.24	41872	6.21
9	England, United Kingdom	584843	1.49	38524	6.59	0	0.00	546319	93.41
10	Iran	522387	1.33	29870	5.72	420910	80.57	71607	13.71
11	Uttar Pradesh, India	447383	1.14	6543	1.46	404545	90.42	36295	8.11
12	Iraq	420303	1.07	10142	2.41	353962	84.22	56199	13.37

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13	Lima, Peru	390497	1.00	15100	3.87	0	0.00	375397	96.13
14	Bangladesh	386086	0.98	5623	1.46	300738	77.89	79725	20.65
15	Indonesia	353461	0.90	12347	3.49	277544	78.52	63570	17.99

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#####
#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-17 :: 2020-10-17 01:02:31
#####
```

Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3950

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1564615	3.99	41196	2.63	1330483	85.04	192936	12.33
2	England, United Kingdom	584843	1.49	38524	6.59	0	0.00	546319	93.41
3	Sao Paulo, Brazil	1057240	2.69	37870	3.58	908199	85.90	111171	10.52
4	France	843475	2.15	33054	3.92	85035	10.08	725386	86.00
5	Iran	522387	1.33	29870	5.72	420910	80.57	71607	13.71
6	Argentina	965609	2.46	25723	2.66	778501	80.62	161385	16.71
7	Rio de Janeiro, Brazil	289440	0.74	19654	6.79	258928	89.46	10858	3.75
8	South Africa	700203	1.78	18370	2.62	629260	89.87	52573	7.51
9	Lombardia, Italy	121130	0.31	17044	14.07	84958	70.14	19128	15.79
10	Lima, Peru	390497	1.00	15100	3.87	0	0.00	375397	96.13
11	Ciudad de Mexico, Mexico	145006	0.37	14310	9.87	122211	84.28	8485	5.85
12	Ecuador	151659	0.39	12357	8.15	128134	84.49	11168	7.36
13	Indonesia	353461	0.90	12347	3.49	277544	78.52	63570	17.99
14	Tamil Nadu, India	674802	1.72	10472	1.55	622458	92.24	41872	6.21
15	Belgium	202151	0.52	10359	5.12	20867	10.32	170925	84.55

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#####
#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-17 :: 2020-10-17 01:02:31
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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3950

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1564615	3.99	41196	2.63	1330483	85.04	192936	12.33
2	Sao Paulo, Brazil	1057240	2.69	37870	3.58	908199	85.90	111171	10.52
3	Argentina	965609	2.46	25723	2.66	778501	80.62	161385	16.71
4	Andhra Pradesh, India	771503	1.97	6357	0.82	725099	93.99	40047	5.19
5	South Africa	700203	1.78	18370	2.62	629260	89.87	52573	7.51
6	Tamil Nadu, India	674802	1.72	10472	1.55	622458	92.24	41872	6.21
7	Karnataka, India	743848	1.90	10283	1.38	620008	83.35	113557	15.27
8	Iran	522387	1.33	29870	5.72	420910	80.57	71607	13.71
9	Uttar Pradesh, India	447383	1.14	6543	1.46	404545	90.42	36295	8.11
10	Iraq	420303	1.07	10142	2.41	353962	84.22	56199	13.37
11	Saudi Arabia	341495	0.87	5144	1.51	327795	95.99	8556	2.51
12	Bahia, Brazil	332898	0.85	7267	2.18	311054	93.44	14577	4.38
13	Turkey	343955	0.88	9153	2.66	301098	87.54	33704	9.80
14	Bangladesh	386086	0.98	5623	1.46	300738	77.89	79725	20.65

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15	Philippines	351750	0.90	6531	1.86	294865	83.83	50354	14.32
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-17 :: 2020-10-17 01:02:31
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Number of Countries/Regions reported: 189
```

```
Number of Cities/Provinces reported: 562
```

```
Unique number of distinct geographical locations combined: 3950
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	843475	2.15	33054	3.92	85035	10.08	725386	86.00
2	England, United Kingdom	584843	1.49	38524	6.59	0	0.00	546319	93.41
3	Lima, Peru	390497	1.00	15100	3.87	0	0.00	375397	96.13
4	Los Angeles, California, US	287222	0.73	6855	2.39	0	0.00	280367	97.61
5	Madrid, Spain	276790	0.71	9979	3.61	40736	14.72	226075	81.68
6	Maharashtra, India	1564615	3.99	41196	2.63	1330483	85.04	192936	12.33
7	Miami-Dade, Florida, US	177339	0.45	3520	1.98	0	0.00	173819	98.02
8	Belgium	202151	0.52	10359	5.12	20867	10.32	170925	84.55
9	Argentina	965609	2.46	25723	2.66	778501	80.62	161385	16.71
10	Cook, Illinois, US	160645	0.41	5339	3.32	0	0.00	155306	96.68
11	Harris, Texas, US	153571	0.39	2718	1.77	0	0.00	150853	98.23
12	Maricopa, Arizona, US	148612	0.38	3500	2.36	0	0.00	145112	97.64
13	Catalonia, Spain	168208	0.43	5909	3.51	26203	15.58	136096	80.91
14	Karnataka, India	743848	1.90	10283	1.38	620008	83.35	113557	15.27
15	Sao Paulo, Brazil	1057240	2.69	37870	3.58	908199	85.90	111171	10.52

	Confirmed	Deaths	Recovered	Active
Totals	39243954	1102723	23042338	NA
Average	9935.18	279.17	5833.5	NA
Standard Deviation	54495.98	1708.79	43681.14	NA

```
* Statistical estimators computed considering 3950 independent reported entries
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*****
***** OVERALL SUMMARY*****
*****
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```
**** Time Series Worldwide TOTS ****
```

ts-confirmed	ts-deaths	ts-recovered
39266928	1103517	27019124
2.81%		68.81%

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**** Time Series Worldwide AVGS ****
```

ts-confirmed	ts-deaths	ts-recovered
147067.15	4133.02	106374.5
2.81%		72.33%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
752135.54	19184.83	544480.1
2.55%		72.39%

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