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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-21 :: 2020-10-22 01:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-confirmed Totals: 41171337

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		8336031	20.25	62735	60315	58387	63610	56191	38965
2	India		7651107	18.58	0	54044	46790	63371	70496	83347
3	Brazil		5298772	12.87	24818	23227	26365	28523	27750	33324
4	Russia		1438219	3.49	15444	16108	15843	13556	11345	6109
5	Argentina		1037325	2.52	18326	16337	12982	17096	15454	12027
6	Spain		1005295	2.44	16973	13873	37889	13318	12423	10799
7	Colombia		981700	2.38	7561	8256	6311	6823	8495	7102
8	France		965451	2.34	26304	20468	75208	30590	18014	9982
9	Peru		874118	2.12	3242	2201	3126	5766	2733	0
10	Mexico		867559	2.11	6845	5788	3699	5514	5300	4683
11	United Kingdom		789229	1.92	26687	21330	18803	18978	17540	4926
12	South Africa		708359	1.72	2055	1050	1461	1770	1736	1346
13	Iran		545286	1.32	5616	5039	4251	4616	4392	3712
14	Chile		495637	1.20	1159	1173	1545	1124	1576	1055
15	Italy		449648	1.09	15199	10871	9337	8803	4458	1391

Global Perc. Average: 0.37 (sd: 1.89)

Global Perc. Average in top 15 : 5.09 (sd: 6.48)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-10-21 :: 2020-10-22 01:02:29
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-deaths Totals: 1130606

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		222176	2.67	1124	933	445	820	961	921
2	Brazil		155403	2.93	566	661	501	713	729	833
3	India		115914	1.51	0	717	587	895	964	1085
4	Mexico		87415	10.08	522	555	171	387	370	651
5	United Kingdom		44158	5.60	191	241	80	138	77	37
6	Italy		36832	8.19	127	89	73	83	22	14
7	Spain		34366	3.42	156	218	217	140	126	241
8	Peru		33875	3.88	55	61	57	158	95	0
9	France		33777	3.50	141	262	320	88	76	78
10	Iran		31346	5.75	312	322	337	256	230	178
11	Colombia		29464	3.00	192	170	132	151	0	0
12	Argentina		27519	2.65	419	384	449	421	484	470
13	Russia		24786	1.72	313	268	166	281	184	155
14	South Africa		18741	2.65	85	164	21	158	160	126

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15 Chile 13719 2.77 17 26 41 19 77 23

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-21 :: 2020-10-22 01:02:29
#####
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: 28040056

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		6795103	0	61775	69720	70338	78365	89746
2	Brazil		4526393	0	0	0	0	30920	23399
3	US		3323354	28206	22545	38465	21603	21357	31010
4	Russia		1091264	10803	9541	5312	8290	6920	5897
5	Colombia		884895	8164	8770	9667	10164	0	0
6	Argentina		840520	10873	25682	0	13713	14119	8665
7	Peru		788494	0	4438	9700	5638	4610	0
8	Mexico		733897	3303	2835	6786	4142	2911	2636
9	South Africa		641706	2138	4311	714	1403	644	1696
10	Chile		467269	626	1622	1078	1463	1657	2065
11	Iran		438709	4033	3316	3960	3223	2191	2214
12	Iraq		369010	2876	2602	3055	3356	4031	3682
13	Saudi Arabia		329715	445	375	357	507	561	1185
14	Philippines		311506	864	339	145	301	595	410
15	Pakistan		309136	462	664	601	440	333	757

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-22 :: 2020-10-22 01:02:30
#####
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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 561
 Unique number of distinct geographical locations combined: 3952

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1609516	3.91	42453	2.64	1392308	86.50	174755	10.86
2	Sao Paulo, Brazil	1073261	2.61	38371	3.58	908199	84.62	126691	11.80
3	Argentina	1037325	2.52	27519	2.65	840520	81.03	169286	16.32
4	France	965451	2.35	33777	3.50	87951	9.11	843723	87.39
5	Andhra Pradesh, India	789553	1.92	6481	0.82	749676	94.95	33396	4.23
6	Karnataka, India	776901	1.89	10608	1.37	662329	85.25	103964	13.38
7	South Africa	708359	1.72	18741	2.65	641706	90.59	47912	6.76
8	Tamil Nadu, India	694030	1.69	10741	1.55	646555	93.16	36734	5.29
9	England, United Kingdom	669973	1.63	39140	5.84	0	0.00	630833	94.16
10	Iran	545286	1.32	31346	5.75	438709	80.45	75231	13.80
11	Uttar Pradesh, India	459154	1.12	6714	1.46	422024	91.91	30416	6.62
12	Iraq	438265	1.06	10418	2.38	369010	84.20	58837	13.42

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13	Lima, Peru	396451	0.96	15240	3.84	0	0.00	381211	96.16
14	Bangladesh	393131	0.96	5723	1.46	308845	78.56	78563	19.98
15	Moscow, Russia	377017	0.92	6121	1.62	279973	74.26	90923	24.12

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-22 :: 2020-10-22 01:02:30

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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 561
 Unique number of distinct geographical locations combined: 3952

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1609516	3.91	42453	2.64	1392308	86.50	174755	10.86
2	England, United Kingdom	669973	1.63	39140	5.84	0	0.00	630833	94.16
3	Sao Paulo, Brazil	1073261	2.61	38371	3.58	908199	84.62	126691	11.80
4	France	965451	2.35	33777	3.50	87951	9.11	843723	87.39
5	Iran	545286	1.32	31346	5.75	438709	80.45	75231	13.80
6	Argentina	1037325	2.52	27519	2.65	840520	81.03	169286	16.32
7	Rio de Janeiro, Brazil	293940	0.71	19945	6.79	258928	88.09	15067	5.13
8	South Africa	708359	1.72	18741	2.65	641706	90.59	47912	6.76
9	Lombardia, Italy	134604	0.33	17123	12.72	87591	65.07	29890	22.21
10	Lima, Peru	396451	0.96	15240	3.84	0	0.00	381211	96.16
11	Ciudad de Mexico, Mexico	150456	0.37	14554	9.67	126028	83.76	9874	6.56
12	Indonesia	373109	0.91	12857	3.45	297509	79.74	62743	16.82
13	Ecuador	155625	0.38	12453	8.00	134187	86.22	8985	5.77
14	Tamil Nadu, India	694030	1.69	10741	1.55	646555	93.16	36734	5.29
15	Karnataka, India	776901	1.89	10608	1.37	662329	85.25	103964	13.38

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-22 :: 2020-10-22 01:02:30

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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 561
 Unique number of distinct geographical locations combined: 3952

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1609516	3.91	42453	2.64	1392308	86.50	174755	10.86
2	Sao Paulo, Brazil	1073261	2.61	38371	3.58	908199	84.62	126691	11.80
3	Argentina	1037325	2.52	27519	2.65	840520	81.03	169286	16.32
4	Andhra Pradesh, India	789553	1.92	6481	0.82	749676	94.95	33396	4.23
5	Karnataka, India	776901	1.89	10608	1.37	662329	85.25	103964	13.38
6	Tamil Nadu, India	694030	1.69	10741	1.55	646555	93.16	36734	5.29
7	South Africa	708359	1.72	18741	2.65	641706	90.59	47912	6.76
8	Iran	545286	1.32	31346	5.75	438709	80.45	75231	13.80
9	Uttar Pradesh, India	459154	1.12	6714	1.46	422024	91.91	30416	6.62
10	Iraq	438265	1.06	10418	2.38	369010	84.20	58837	13.42
11	Saudi Arabia	343373	0.83	5235	1.52	329715	96.02	8423	2.45
12	Philippines	362243	0.88	6747	1.86	311506	85.99	43990	12.14
13	Bahia, Brazil	339215	0.82	7384	2.18	311054	91.70	20777	6.13
14	Bangladesh	393131	0.96	5723	1.46	308845	78.56	78563	19.98

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15	Turkey	353426	0.86	9513	2.69	308446	87.27	35467	10.04						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-22 :: 2020-10-22 01:02:30															
#####															
Number of Countries/Regions reported: 189															
Number of Cities/Provinces reported: 561															
Unique number of distinct geographical locations combined: 3952															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	France	965451	2.35	33777	3.50	87951	9.11	843723	87.39						
2	England, United Kingdom	669973	1.63	39140	5.84	0	0.00	630833	94.16						
3	Lima, Peru	396451	0.96	15240	3.84	0	0.00	381211	96.16						
4	Los Angeles, California, US	290486	0.71	6944	2.39	0	0.00	283542	97.61						
5	Madrid, Spain	286527	0.70	10123	3.53	40736	14.22	235668	82.25						
6	Belgium	253386	0.62	10539	4.16	21717	8.57	221130	87.27						
7	Miami-Dade, Florida, US	179644	0.44	3572	1.99	0	0.00	176072	98.01						
8	Maharashtra, India	1609516	3.91	42453	2.64	1392308	86.50	174755	10.86						
9	Argentina	1037325	2.52	27519	2.65	840520	81.03	169286	16.32						
10	Cook, Illinois, US	168139	0.41	5382	3.20	0	0.00	162757	96.80						
11	Harris, Texas, US	156035	0.38	2750	1.76	0	0.00	153285	98.24						
12	Catalonia, Spain	183747	0.45	5927	3.23	26203	14.26	151617	82.51						
13	Maricopa, Arizona, US	151527	0.37	3532	2.33	0	0.00	147995	97.67						
14	Sao Paulo, Brazil	1073261	2.61	38371	3.58	908199	84.62	126691	11.80						
15	Czechia	208915	0.51	1739	0.83	83136	39.79	124040	59.37						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	41159280	1130083	23923277	NA											
Average	10414.8	285.95	6053.46	NA											
Standard Deviation	56999.98	1750.66	45367.98	NA											
* Statistical estimators computed considering 3952 independent reported entries															

***** OVERALL SUMMARY*****															

****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	41171337	1130606	28040056												
	2.75%	68.11%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	154199.76	4234.48	110393.92												
	2.75%	71.59%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	778416.21	19550.76	564408.57												
	2.51%	72.51%													

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