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#####
#### TS-CONFIRMED Cases -- Data dated: 2021-04-19 :: 2021-04-20 01:02:32
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 86
Unique number of distinct geographical locations combined: 274
```

Worldwide ts-confirmed Totals: 142097803

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		31737347	22.33	67316	42018	52373	77878	60544	33768
2	India		15320972	10.78	259167	273802	261394	184372	115736	46951
3	Brazil		13973695	9.83	30624	42980	67636	82186	86979	47774
4	France		5256318	3.70	6696	27734	35779	38133	8045	29984
5	Russia		4657509	3.28	8465	8507	9201	8044	8206	9215
6	United Kingdom		4390783	3.09	2963	1882	2206	2471	2379	5312
7	Turkey		4323596	3.04	55149	55802	62606	59187	49584	20428
8	Italy		3878994	2.73	8863	12688	15364	13439	7763	20045
9	Spain		3428354	2.41	21071	0	0	6292	6623	0
10	Germany		3167137	2.23	11615	1217	20197	29421	7593	768
11	Argentina		2714475	1.91	20461	16267	19119	27001	20870	4032
12	Poland		2695327	1.90	7302	12151	15786	13203	8246	21850
13	Colombia		2667136	1.88	14189	16871	16654	16377	11827	6043
14	Mexico		2306910	1.62	1308	1506	4157	4512	4804	2133
15	Iran		2261435	1.59	24346	21644	21312	24760	17430	7260

Global Perc. Average: 0.36 (sd: 1.68)

Global Perc. Average in top 15 : 4.82 (sd: 5.61)

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#####
#### TS-DEATHS Cases -- Data dated: 2021-04-19 :: 2021-04-20 01:02:33
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 86
Unique number of distinct geographical locations combined: 274
```

Worldwide ts-deaths Totals: 3029811

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		567690	1.79	473	313	680	824	845	438
2	Brazil		374682	2.68	1347	1657	2929	3808	4195	1290
3	Mexico		212466	9.21	127	111	535	580	586	209
4	India		180530	1.18	1761	1619	1501	1027	630	212
5	United Kingdom		127274	2.90	4	10	35	23	20	33
6	Italy		117243	3.02	316	251	310	476	421	300
7	Russia		104173	2.24	339	383	392	330	382	367
8	France		100522	1.91	447	128	189	333	429	137
9	Germany		80353	2.54	301	81	77	341	109	50
10	Spain		77102	2.25	121	0	0	100	128	0
11	Colombia		68748	2.58	420	397	367	326	231	121
12	Iran		67130	2.97	398	405	319	291	174	73
13	Poland		62133	2.31	101	207	617	645	60	141
14	Argentina		59476	2.19	248	64	80	217	163	28

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15 Peru 57537 3.37 740 0 648 259 0 301

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#####
#### TS-RECOVERED Cases -- Data dated: 2021-04-19 :: 2021-04-20 01:02:34
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 70
Unique number of distinct geographical locations combined: 259
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Worldwide ts-recovered Totals: 81306842

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		13108565	154748	144179	138418	82339	59856	21180
2	Brazil		12346828	43290	90648	49059	82892	53990	33334
3	Russia		4284398	6801	7363	8706	9475	8778	8690
4	Turkey		3736537	48947	43856	52184	52104	28498	17615
5	Italy		3268262	19669	13134	16484	18160	21733	13526
6	Germany		2811890	16810	10540	21280	18590	17310	7408
7	Colombia		2488246	16748	13610	15435	12891	10523	4467
8	Argentina		2386383	22212	20363	19701	15751	10536	6489
9	Poland		2334978	23833	25924	29989	21873	27269	16777
10	Iran		1797319	11961	12670	11191	9209	8101	6513
11	Mexico		1765244	0	0	0	0	0	3070
12	Peru		1636286	16606	0	17646	9183	0	16762
13	Ukraine		1536877	5615	6551	9862	14155	10364	3930
14	Czechia		1508982	13358	54	9646	7187	9536	19540
15	South Africa		1490876	733	686	885	959	732	979

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2021-04-20 :: 2021-04-20 01:02:34
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Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 576
Unique number of distinct geographical locations combined: 3978

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	5256318	3.70	100522	1.91	289796	5.51	4866000	92.57
2	Turkey	4323596	3.04	36267	0.84	3736537	86.42	550792	12.74
3	Maharashtra, India	3898262	2.74	60824	1.56	3159240	81.04	678198	17.40
4	England, United Kingdom	3836833	2.70	111957	2.92	0	0.00	3724876	97.08
5	Sao Paulo, Brazil	2750300	1.94	88528	3.22	2407888	87.55	253884	9.23
6	Argentina	2714475	1.91	59476	2.19	2386383	87.91	268616	9.90
7	Poland	2695327	1.90	62133	2.31	2334978	86.63	298216	11.06
8	Iran	2261435	1.59	67130	2.97	1797319	79.48	396986	17.55
9	Indonesia	1609300	1.13	43567	2.71	1461414	90.81	104319	6.48
10	Czechia	1602711	1.13	28532	1.78	1508982	94.15	65197	4.07
11	South Africa	1567513	1.10	53757	3.43	1490876	95.11	22880	1.46
12	Minas Gerais, Brazil	1281421	0.90	30397	2.37	1167827	91.14	83197	6.49

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13	Kerala, India	1253068	0.88	4950	0.40	1144791	91.36	103327	8.25
14	Los Angeles, California, US	1229311	0.87	23648	1.92	NA	NA	NA	NA
15	Karnataka, India	1176850	0.83	13497	1.15	1021250	86.78	142103	12.07

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2021-04-20 :: 2021-04-20 01:02:34

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Number of Countries/Regions reported: 192
 Number of Cities/Provinces reported: 576
 Unique number of distinct geographical locations combined: 3978

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	3836833	2.70	111957	2.92	0	0.00	3724876	97.08
2	France	5256318	3.70	100522	1.91	289796	5.51	4866000	92.57
3	Sao Paulo, Brazil	2750300	1.94	88528	3.22	2407888	87.55	253884	9.23
4	Iran	2261435	1.59	67130	2.97	1797319	79.48	396986	17.55
5	Poland	2695327	1.90	62133	2.31	2334978	86.63	298216	11.06
6	Maharashtra, India	3898262	2.74	60824	1.56	3159240	81.04	678198	17.40
7	Argentina	2714475	1.91	59476	2.19	2386383	87.91	268616	9.90
8	South Africa	1567513	1.10	53757	3.43	1490876	95.11	22880	1.46
9	Indonesia	1609300	1.13	43567	2.71	1461414	90.81	104319	6.48
10	Rio de Janeiro, Brazil	704265	0.50	41418	5.88	653975	92.86	8872	1.26
11	Turkey	4323596	3.04	36267	0.84	3736537	86.42	550792	12.74
12	Mexico, Mexico	240919	0.17	33373	13.85	0	0.00	207546	86.15
13	Lombardia, Italy	782559	0.55	32319	4.13	690708	88.26	59532	7.61
14	Ciudad de Mexico, Mexico	629527	0.44	32003	5.08	0	0.00	597524	94.92
15	Minas Gerais, Brazil	1281421	0.90	30397	2.37	1167827	91.14	83197	6.49

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2021-04-20 :: 2021-04-20 01:02:34

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Number of Countries/Regions reported: 192
 Number of Cities/Provinces reported: 576
 Unique number of distinct geographical locations combined: 3978

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Turkey	4323596	3.04	36267	0.84	3736537	86.42	550792	12.74
2	Maharashtra, India	3898262	2.74	60824	1.56	3159240	81.04	678198	17.40
3	Sao Paulo, Brazil	2750300	1.94	88528	3.22	2407888	87.55	253884	9.23
4	Argentina	2714475	1.91	59476	2.19	2386383	87.91	268616	9.90
5	Poland	2695327	1.90	62133	2.31	2334978	86.63	298216	11.06
6	Iran	2261435	1.59	67130	2.97	1797319	79.48	396986	17.55
7	Czechia	1602711	1.13	28532	1.78	1508982	94.15	65197	4.07
8	South Africa	1567513	1.10	53757	3.43	1490876	95.11	22880	1.46
9	Indonesia	1609300	1.13	43567	2.71	1461414	90.81	104319	6.48
10	Minas Gerais, Brazil	1281421	0.90	30397	2.37	1167827	91.14	83197	6.49
11	Kerala, India	1253068	0.88	4950	0.40	1144791	91.36	103327	8.25
12	Karnataka, India	1176850	0.83	13497	1.15	1021250	86.78	142103	12.07
13	Moscow, Russia	1066052	0.75	17698	1.66	972646	91.24	75708	7.10
14	Romania	1031072	0.73	26381	2.56	944774	91.63	59917	5.81

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15	Tamil Nadu, India	1002392	0.71	13157	1.31	914119	91.19	75116	7.49
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#####
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2021-04-20 :: 2021-04-20 01:02:34
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 576
Unique number of distinct geographical locations combined: 3978
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```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	5256318	3.70	100522	1.91	289796	5.51	4866000	92.57
2	England, United Kingdom	3836833	2.70	111957	2.92	0	0.00	3724876	97.08
3	Lima, Peru	789926	0.56	25212	3.19	0	0.00	764714	96.81
4	Maharashtra, India	3898262	2.74	60824	1.56	3159240	81.04	678198	17.40
5	Serbia	664972	0.47	6026	0.91	0	0.00	658946	99.09
6	Madrid, Spain	659066	0.46	14811	2.25	40736	6.18	603519	91.57
7	Ciudad de Mexico, Mexico	629527	0.44	32003	5.08	0	0.00	597524	94.92
8	Turkey	4323596	3.04	36267	0.84	3736537	86.42	550792	12.74
9	Catalonia, Spain	563680	0.40	13845	2.46	26203	4.65	523632	92.90
10	Andalusia, Spain	534597	0.38	9432	1.76	10671	2.00	514494	96.24
11	Iran	2261435	1.59	67130	2.97	1797319	79.48	396986	17.55
12	C. Valenciana, Spain	388652	0.27	7216	1.86	9970	2.57	371466	95.58
13	Zuid-Holland, Netherlands	335710	0.24	4085	1.22	0	0.00	331625	98.78
14	Switzerland	637304	0.45	10521	1.65	317600	49.83	309183	48.51
15	Poland	2695327	1.90	62133	2.31	2334978	86.63	298216	11.06

	Confirmed	Deaths	Recovered	Active
Totals	142075643	3005721	NA	NA
Average	35715.35	755.59	NA	NA
Standard Deviation	191882.79	4255.05	NA	NA

* Statistical estimators computed considering 3978 independent reported entries

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*****
***** OVERALL SUMMARY*****
*****
**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
142097803 3029811 81306842
2.13% 57.22%
**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
518605.12 11057.7 313926.03
2.13% 60.53%
**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
2384020.25 47098.12 1238788.32
1.98% 51.96%
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* Statistical estimators computed considering 274/274/259 independent reported entries per case-type
