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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-08-20 :: 2020-08-21 19:09:47
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 22678483

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		5573847	24.58	44023	47408	44091	64294	58173	70910
2	Brazil		3501975	15.44	45323	49298	47784	50644	50230	67860
3	India		2905825	12.81	68900	69672	64572	64732	61537	45720
4	Russia		939833	4.14	4767	4790	4718	5016	5191	5850
5	South Africa		599940	2.65	3880	3916	2258	6275	7292	13150
6	Peru		558420	2.46	9099	7828	5547	17741	8466	4463
7	Mexico		543806	2.40	6775	5792	5506	5618	6717	6019
8	Colombia		513719	2.27	11541	13056	12462	11306	9494	7390
9	Chile		391849	1.73	1812	1182	1353	2077	2154	1719
10	Spain		377906	1.67	7039	6671	5114	5479	4507	1357
11	Iran		352558	1.55	2279	2444	2385	2501	2450	2586
12	United Kingdom		322280	1.42	1182	812	1089	1440	871	560
13	Argentina		320884	1.41	8225	6693	6840	6365	7482	5782
14	Saudi Arabia		303973	1.34	1287	1363	1409	1383	1567	2331
15	Pakistan		290958	1.28	513	613	617	626	782	1763

Global Perc. Average: 0.38 (sd: 1.98)

Global Perc. Average in top 15 : 5.14 (sd: 6.9)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-08-20 :: 2020-08-21 19:09:48
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-deaths Totals: 793698

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		174255	3.13	1078	1356	1324	1342	1243	1211
2	Brazil		112304	3.21	1204	1212	1352	1060	1079	1284
3	Mexico		59106	10.87	625	707	751	615	794	790
4	India		54849	1.89	983	978	1091	996	933	1129
5	United Kingdom		41403	12.85	6	16	12	11	12	17
6	Italy		35418	13.83	6	7	5	3	3	9
7	France		30300	12.50	0	-1	-1	16	18	7
8	Spain		28813	7.62	16	127	24	12	3	2
9	Peru		26834	4.81	176	177	200	4143	225	188
10	Iran		20264	5.75	139	153	168	169	156	219
11	Colombia		16183	3.15	204	360	247	347	311	207
12	Russia		16058	1.71	107	115	129	114	119	165
13	South Africa		12618	2.10	195	159	282	286	305	572
14	Chile		10671	2.72	93	32	33	41	69	45

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15 Belgium 9976 12.44 7 10 15 8 5 3

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-08-20 :: 2020-08-21 19:09:48
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 253
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Worldwide ts-recovered Totals: 14541573

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		2844318	42387	50685	52166	95881	41757	36636
2	India		2158946	62282	58848	60145	57381	48900	29557
3	US		1947035	21986	26890	32579	21678	25246	28831
4	Russia		753868	6066	6757	6472	6539	7209	9652
5	South Africa		497169	5728	5973	7797	24117	7443	21031
6	Mexico		442782	4407	4566	2969	3896	4787	2740
7	Peru		380730	3277	3434	3302	12294	3995	3500
8	Chile		366063	1778	1845	2055	1906	2000	2425
9	Colombia		339124	12826	13975	10798	10799	6140	2773
10	Iran		304236	1708	1647	1724	1753	2261	2489
11	Saudi Arabia		275476	1385	1180	4526	2566	1859	3139
12	Pakistan		272804	676	2139	902	1155	2041	2707
13	Turkey		234797	882	1002	942	923	1028	1203
14	Argentina		233651	4926	5194	5681	6571	3445	1933
15	Germany		205359	905	777	1428	786	654	407

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-08-21 :: 2020-08-21 19:09:48
#####
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 563
Unique number of distinct geographical locations combined: 3949

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Sao Paulo, Brazil	730828	3.22	27905	3.82	530780	72.63	172143	23.55
2	Maharashtra, India	643289	2.84	21359	3.32	459124	71.37	162806	25.31
3	South Africa	599940	2.65	12618	2.10	497169	82.87	90153	15.03
4	Tamil Nadu, India	361435	1.59	6239	1.73	301913	83.53	53283	14.74
5	Iran	352558	1.55	20264	5.75	304236	86.29	28058	7.96
6	Andhra Pradesh, India	325396	1.43	3001	0.92	235218	72.29	87177	26.79
7	Argentina	320884	1.41	6517	2.03	233651	72.81	80716	25.15
8	Saudi Arabia	303973	1.34	3548	1.17	275476	90.63	24949	8.21
9	Bangladesh	287959	1.27	3822	1.33	168991	58.69	115146	39.99
10	England, United Kingdom	278551	1.23	36763	13.20	0	0.00	241788	86.80
11	Lima, Peru	275432	1.21	11845	4.30	0	0.00	263587	95.70
12	Metropolitana, Chile	267924	1.18	8219	3.07	254908	95.14	4797	1.79

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13	Karnataka, India	256975	1.13	4429	1.72	170381	66.30	82165	31.97	
14	Moscow, Russia	255136	1.13	4698	1.84	201567	79.00	48871	19.15	
15	Turkey	254520	1.12	6058	2.38	234797	92.25	13665	5.37	
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#####										
#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-21 :: 2020-08-21 19:09:48										
#####										
Number of Countries/Regions reported: 188										
Number of Cities/Provinces reported: 563										
Unique number of distinct geographical locations combined: 3949										

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active	
1	England, United Kingdom	278551	1.23	36763	13.20	0	0.00	241788	86.80	
2	France	242413	1.07	30300	12.50	71868	29.65	140245	57.85	
3	Sao Paulo, Brazil	730828	3.22	27905	3.82	530780	72.63	172143	23.55	
4	New York City, New York, US	231288	1.02	23639	10.22	0	0.00	207649	89.78	
5	Maharashtra, India	643289	2.84	21359	3.32	459124	71.37	162806	25.31	
6	Iran	352558	1.55	20264	5.75	304236	86.29	28058	7.96	
7	Lombardia, Italy	97718	0.43	16846	17.24	75449	77.21	5423	5.55	
8	Rio de Janeiro, Brazil	205916	0.91	15074	7.32	184641	89.67	6201	3.01	
9	South Africa	599940	2.65	12618	2.10	497169	82.87	90153	15.03	
10	Lima, Peru	275432	1.21	11845	4.30	0	0.00	263587	95.70	
11	Ciudad de Mexico, Mexico	89421	0.39	10038	11.23	73068	81.71	6315	7.06	
12	Belgium	80178	0.35	9976	12.44	18131	22.61	52071	64.94	
13	Madrid, Spain	99529	0.44	8526	8.57	40736	40.93	50267	50.50	
14	Ceara, Brazil	202422	0.89	8245	4.07	173514	85.72	20663	10.21	
15	Metropolitana, Chile	267924	1.18	8219	3.07	254908	95.14	4797	1.79	
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#####										
#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-21 :: 2020-08-21 19:09:48										
#####										
Number of Countries/Regions reported: 188										
Number of Cities/Provinces reported: 563										
Unique number of distinct geographical locations combined: 3949										

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active	
1	Recovered, US	0	0.00	0	NaN	1947035	Inf	-1947035	-Inf	
2	Sao Paulo, Brazil	730828	3.22	27905	3.82	530780	72.63	172143	23.55	
3	South Africa	599940	2.65	12618	2.10	497169	82.87	90153	15.03	
4	Maharashtra, India	643289	2.84	21359	3.32	459124	71.37	162806	25.31	
5	Unknown, Peru	0	0.00	0	NaN	380730	Inf	-380730	-Inf	
6	Iran	352558	1.55	20264	5.75	304236	86.29	28058	7.96	
7	Tamil Nadu, India	361435	1.59	6239	1.73	301913	83.53	53283	14.74	
8	Saudi Arabia	303973	1.34	3548	1.17	275476	90.63	24949	8.21	
9	Metropolitana, Chile	267924	1.18	8219	3.07	254908	95.14	4797	1.79	
10	Andhra Pradesh, India	325396	1.43	3001	0.92	235218	72.29	87177	26.79	
11	Turkey	254520	1.12	6058	2.38	234797	92.25	13665	5.37	
12	Argentina	320884	1.41	6517	2.03	233651	72.81	80716	25.15	
13	Bahia, Brazil	228596	1.01	4685	2.05	208932	91.40	14979	6.55	
14	Moscow, Russia	255136	1.13	4698	1.84	201567	79.00	48871	19.15	

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15	Rio de Janeiro, Brazil	205916	0.91	15074	7.32	184641	89.67	6201	3.01						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-08-21 :: 2020-08-21 19:09:48															
#####															
Number of Countries/Regions reported: 188															
Number of Cities/Provinces reported: 563															
Unique number of distinct geographical locations combined: 3949															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	Lima, Peru	275432	1.21	11845	4.30	0	0.00	263587	95.70						
2	England, United Kingdom	278551	1.23	36763	13.20	0	0.00	241788	86.80						
3	Los Angeles, California, US	227346	1.00	5446	2.40	0	0.00	221900	97.60						
4	New York City, New York, US	231288	1.02	23639	10.22	0	0.00	207649	89.78						
5	Sao Paulo, Brazil	730828	3.22	27905	3.82	530780	72.63	172143	23.55						
6	Maharashtra, India	643289	2.84	21359	3.32	459124	71.37	162806	25.31						
7	Miami-Dade, Florida, US	149162	0.66	2185	1.46	0	0.00	146977	98.54						
8	France	242413	1.07	30300	12.50	71868	29.65	140245	57.85						
9	Maricopa, Arizona, US	130800	0.58	2739	2.09	0	0.00	128061	97.91						
10	Bangladesh	287959	1.27	3822	1.33	168991	58.69	115146	39.99						
11	Cook, Illinois, US	118757	0.52	4988	4.20	0	0.00	113769	95.80						
12	Harris, Texas, US	95631	0.42	1953	2.04	0	0.00	93678	97.96						
13	South Africa	599940	2.65	12618	2.10	497169	82.87	90153	15.03						
14	Andhra Pradesh, India	325396	1.43	3001	0.92	235218	72.29	87177	26.79						
15	Karnataka, India	256975	1.13	4429	1.72	170381	66.30	82165	31.97						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	22678483	793698	14541573	NA											
Average	5742.84	200.99	3682.34	NA											
Standard Deviation	29621.8	1313.28	38339.5	NA											
* Statistical estimators computed considering 3949 independent reported entries															

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

****	Time Series Worldwide TOTS	****													
	ts-confirmed	ts-deaths	ts-recovered												
	22678483	793698	14541573												
	3.5%	64.12%													
****	Time Series Worldwide AVGS	****													
	ts-confirmed	ts-deaths	ts-recovered												
	85257.45	2983.83	57476.57												
	3.5%	67.42%													
****	Time Series Worldwide SDS	****													
	ts-confirmed	ts-deaths	ts-recovered												
	448814.95	14334.53	265503.95												
	3.19%	59.16%													

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