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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-07-19 :: 2020-07-20 13:02:18
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 14507491

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		3773260	26.01	61847	63698	71558	59215	44953	32749
2	Brazil		2098389	14.46	23529	28532	34177	20286	20229	34666
3	India		1118206	7.71	40425	38697	35252	28498	22251	15403
4	Russia		770311	5.31	6096	6214	6389	6511	6569	7870
5	South Africa		364328	2.51	13449	13285	13373	11554	8971	4966
6	Peru		353590	2.44	4090	3963	3951	3797	2985	3413
7	Mexico		344224	2.37	5311	7615	7257	4685	4902	4717
8	Chile		330930	2.28	2084	2407	2741	2616	3025	5355
9	United Kingdom		294792	2.03	726	827	687	530	352	666
10	Iran		273788	1.89	2182	2166	2379	2349	2613	2322
11	Pakistan		265083	1.83	1587	1579	4003	1979	2691	4951
12	Spain		260255	1.79	0	0	1400	2045	1244	363
13	Saudi Arabia		250920	1.73	2504	2565	2613	2852	4207	3941
14	Italy		244434	1.68	218	249	231	169	208	264
15	Turkey		219641	1.51	924	918	926	1008	1086	1248

Global Perc. Average: 0.38 (sd: 1.94)

Global Perc. Average in top 15 : 5.04 (sd: 6.75)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-07-19 :: 2020-07-20 13:02:18
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
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Worldwide ts-deaths Totals: 606173

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		140534	3.72	415	853	908	361	325	610
2	Brazil		79488	3.79	716	921	1163	733	620	1022
3	United Kingdom		45300	15.37	27	40	114	11	16	130
4	Mexico		39184	11.38	296	578	736	485	480	387
5	Italy		35045	14.34	3	14	11	13	8	49
6	France		30046	14.93	0	-3	14	22	23	14
7	Spain		28420	10.92	0	0	4	3	3	7
8	India		27497	2.46	681	543	671	553	466	306
9	Iran		14188	5.18	209	188	183	203	160	115
10	Peru		13187	3.73	189	199	184	184	183	201
11	Russia		12323	1.60	95	122	186	104	135	161
12	Belgium		9800	15.38	0	0	5	0	3	1
13	Germany		9092	4.48	1	3	1	3	-1	8
14	Chile		8503	2.57	58	98	1057	45	76	202

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15	Colombia	6736	3.41	220	228	259	148	146	81
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#####
#### TS-RECOVERED Cases -- Data dated: 2020-07-19 :: 2020-07-20 13:02:19
#####
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: 8133663

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		1459072	11664	18888	30989	26408	33497	25148
2	US		1131121	8401	15516	16559	25613	17385	10745
3	India		700087	22664	23672	17994	17989	15501	13897
4	Russia		549387	3478	7442	7666	2960	3575	10173
5	Chile		301794	2345	2635	1513	2654	3339	5118
6	Mexico		254941	-16298	7037	6521	5196	4912	4416
7	Peru		241955	3869	4104	2988	3897	3662	7497
8	Iran		237788	2488	2427	2265	2546	2753	2192
9	Pakistan		205929	1653	5767	19772	8739	3308	4388
10	Turkey		202010	997	1179	1014	1156	2315	1312
11	Saudi Arabia		197735	3517	3057	3539	2704	4398	3153
12	Italy		196949	143	323	237	178	133	546
13	South Africa		191059	8829	4047	12592	3367	4533	2501
14	Germany		187400	200	300	500	686	441	637
15	Spain		150376	0	0	0	0	0	0

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-07-20 :: 2020-07-20 13:02:19
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 562
Unique number of distinct geographical locations combined: 3919
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Sao Paulo, Brazil	415049	2.86	19732	4.75	255768	61.62	139549	33.62
2	South Africa	364328	2.51	5033	1.38	191059	52.44	168236	46.18
3	Maharashtra, India	310455	2.14	11854	3.82	169569	54.62	129032	41.56
4	Iran	273788	1.89	14188	5.18	237788	86.85	21812	7.97
5	England, United Kingdom	253585	1.75	40706	16.05	0	0.00	212879	83.95
6	Saudi Arabia	250920	1.73	2486	0.99	197735	78.80	50699	20.21
7	Metropolitana, Chile	245983	1.70	6975	2.84	229130	93.15	9878	4.02
8	Moscow, Russia	233545	1.61	4299	1.84	170539	73.02	58707	25.14
9	New York City, New York, US	221419	1.53	23400	10.57	0	0.00	198019	89.43
10	Turkey	219641	1.51	5491	2.50	202010	91.97	12140	5.53
11	Bangladesh	204525	1.41	2618	1.28	111642	54.59	90265	44.13
12	France	201281	1.39	30046	14.93	71639	35.59	99596	49.48

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13	Lima, Peru	181131	1.25	5763	3.18	0	0.00	175368	96.82
14	Tamil Nadu, India	170693	1.18	2481	1.45	117915	69.08	50297	29.47
15	Los Angeles, California, US	155917	1.07	4096	2.63	0	0.00	151821	97.37

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-07-20 :: 2020-07-20 13:02:19

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3919

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	253585	1.75	40706	16.05	0	0.00	212879	83.95
2	France	201281	1.39	30046	14.93	71639	35.59	99596	49.48
3	New York City, New York, US	221419	1.53	23400	10.57	0	0.00	198019	89.43
4	Sao Paulo, Brazil	415049	2.86	19732	4.75	255768	61.62	139549	33.62
5	Lombardia, Italy	95492	0.66	16788	17.58	71464	74.84	7240	7.58
6	Iran	273788	1.89	14188	5.18	237788	86.85	21812	7.97
7	Rio de Janeiro, Brazil	138524	0.95	12114	8.75	115201	83.16	11209	8.09
8	Maharashtra, India	310455	2.14	11854	3.82	169569	54.62	129032	41.56
9	Belgium	63706	0.44	9800	15.38	17289	27.14	36617	57.48
10	Madrid, Spain	73026	0.50	8446	11.57	40736	55.78	23844	32.65
11	Ciudad de Mexico, Mexico	62789	0.43	8205	13.07	48089	76.59	6495	10.34
12	Ceara, Brazil	146972	1.01	7178	4.88	120079	81.70	19715	13.41
13	Metropolitana, Chile	245983	1.70	6975	2.84	229130	93.15	9878	4.02
14	Pernambuco, Brazil	79452	0.55	5984	7.53	56368	70.95	17100	21.52
15	Lima, Peru	181131	1.25	5763	3.18	0	0.00	175368	96.82

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-07-20 :: 2020-07-20 13:02:19

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3919

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	1131121	Inf	-1088743	-Inf
2	Sao Paulo, Brazil	415049	2.86	19732	4.75	255768	61.62	139549	33.62
3	Unknown, Peru	15839	0.11	770	4.86	241955	1527.59	-226886	-1432.45
4	Iran	273788	1.89	14188	5.18	237788	86.85	21812	7.97
5	Metropolitana, Chile	245983	1.70	6975	2.84	229130	93.15	9878	4.02
6	Turkey	219641	1.51	5491	2.50	202010	91.97	12140	5.53
7	Saudi Arabia	250920	1.73	2486	0.99	197735	78.80	50699	20.21
8	South Africa	364328	2.51	5033	1.38	191059	52.44	168236	46.18
9	Moscow, Russia	233545	1.61	4299	1.84	170539	73.02	58707	25.14
10	Maharashtra, India	310455	2.14	11854	3.82	169569	54.62	129032	41.56
11	Para, Brazil	137484	0.95	5523	4.02	122988	89.46	8973	6.53
12	Ceara, Brazil	146972	1.01	7178	4.88	120079	81.70	19715	13.41
13	Tamil Nadu, India	170693	1.18	2481	1.45	117915	69.08	50297	29.47
14	Rio de Janeiro, Brazil	138524	0.95	12114	8.75	115201	83.16	11209	8.09

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15	Bangladesh	204525	1.41	2618	1.28	111642	54.59	90265	44.13
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#####									
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-07-20 :: 2020-07-20 13:02:19									
#####									
Number of Countries/Regions reported: 188									
Number of Cities/Provinces reported: 562									
Unique number of distinct geographical locations combined: 3919									

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	253585	1.75	40706	16.05	0	0.00	212879	83.95
2	New York City, New York, US	221419	1.53	23400	10.57	0	0.00	198019	89.43
3	Lima, Peru	181131	1.25	5763	3.18	0	0.00	175368	96.82
4	South Africa	364328	2.51	5033	1.38	191059	52.44	168236	46.18
5	Los Angeles, California, US	155917	1.07	4096	2.63	0	0.00	151821	97.37
6	Sao Paulo, Brazil	415049	2.86	19732	4.75	255768	61.62	139549	33.62
7	Maharashtra, India	310455	2.14	11854	3.82	169569	54.62	129032	41.56
8	France	201281	1.39	30046	14.93	71639	35.59	99596	49.48
9	Maricopa, Arizona, US	95471	0.66	1473	1.54	0	0.00	93998	98.46
10	Cook, Illinois, US	98670	0.68	4776	4.84	0	0.00	93894	95.16
11	Bangladesh	204525	1.41	2618	1.28	111642	54.59	90265	44.13
12	Miami-Dade, Florida, US	84238	0.58	1302	1.55	0	0.00	82936	98.45
13	Argentina	126755	0.87	2260	1.78	54105	42.68	70390	55.53
14	Moscow, Russia	233545	1.61	4299	1.84	170539	73.02	58707	25.14
15	Harris, Texas, US	55743	0.38	536	0.96	0	0.00	55207	99.04
=====									
	Confirmed	Deaths	Recovered	Active					
Totals	14507491	606173	8133663	NA					
Average	3701.83	154.68	2075.44	NA					
Standard Deviation	18829.44	1164.32	22061.59	NA					
* Statistical estimators computed considering 3919 independent reported entries									

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

****	Time Series Worldwide TOTS ****								
	ts-confirmed	ts-deaths	ts-recovered						
	14507491	606173	8133663						
		4.18%	56.07%						
****	Time Series Worldwide AVGS ****								
	ts-confirmed	ts-deaths	ts-recovered						
	54539.44	2278.85	32148.87						
		4.18%	58.95%						
****	Time Series Worldwide SDS ****								
	ts-confirmed	ts-deaths	ts-recovered						
	281222.87	11184.2	134453.31						
		3.98%	47.81%						

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