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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-07-16 :: 2020-07-17 01:02:19
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 13805296

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		3576157	25.90	77255	67328	67417	67791	53312	25559
2	Brazil		2012151	14.58	45403	39924	41857	45048	42223	32188
3	India		1003832	7.27	34975	32676	29429	27114	22771	12881
4	Russia		751612	5.44	6415	6410	6240	6623	6710	7824
5	Peru		341586	2.47	3835	3884	3744	3198	3595	3752
6	South Africa		324221	2.35	13172	12757	10496	12348	9063	4078
7	Mexico		324041	2.35	6406	6149	7051	6891	6740	4930
8	Chile		323698	2.34	2493	1712	1836	3058	3548	36179
9	United Kingdom		292552	2.12	641	538	1240	512	502	997
10	Iran		267061	1.93	2500	2388	2521	2262	2566	2612
11	Spain		258855	1.88	1361	875	666	852	442	355
12	Pakistan		257914	1.87	0	2145	2165	2752	0	5358
13	Italy		243736	1.77	230	162	114	276	223	328
14	Saudi Arabia		243238	1.76	2764	2671	2692	3159	4193	4919
15	Turkey		216873	1.57	933	947	992	1003	1172	1429

Global Perc. Average: 0.38 (sd: 1.93)

Global Perc. Average in top 15 : 5.04 (sd: 6.72)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-07-16 :: 2020-07-17 01:02:19
#####
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: 589911

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		138358	3.87	943	949	900	811	639	751
2	Brazil		76688	3.81	1322	1233	1300	1214	1290	1269
3	United Kingdom		45119	15.42	66	85	138	48	136	184
4	Mexico		37574	11.60	668	579	836	665	654	770
5	Italy		35017	14.37	20	13	17	12	15	43
6	France		30035	14.96	17	89	-2	23	18	28
7	Spain		28416	10.98	3	4	3	2	17	0
8	India		25602	2.55	688	605	582	519	442	334
9	Iran		13608	5.10	198	199	179	142	154	120
10	Peru		12615	3.69	198	188	175	186	181	201
11	Russia		11920	1.59	167	156	175	174	176	194
12	Belgium		9795	15.49	7	1	5	3	4	12
13	Germany		9087	4.51	7	2	4	6	4	31
14	Chile		7290	2.25	104	117	45	99	131	232

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15 Colombia 6164 3.73 195 182 153 194 201 79

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-07-16 :: 2020-07-17 01:02:20
#####
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: 7711525

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		1397531	47433	26673	32174	45914	26923	31041
2	US		1090645	14763	26784	17159	14074	8434	8688
3	India		635757	22989	20736	20572	19873	14335	7390
4	Russia		530801	8426	10417	8790	7740	8879	10020
5	Chile		295301	3216	2865	2664	3131	4096	25699
6	Mexico		257681	5313	6538	5729	5728	5588	3110
7	Peru		230994	4594	3139	2253	2836	3755	3417
8	Iran		230608	3047	2291	2731	2839	2348	2137
9	Turkey		198820	1087	1013	1049	1493	1313	1261
10	Italy		196246	230	575	335	295	384	929
11	Saudi Arabia		187622	4574	5488	7718	1930	2945	2122
12	Germany		186400	400	900	0	300	500	757
13	Pakistan		178737	0	5927	2154	4042	0	778
14	South Africa		165591	4898	14414	8038	5171	4299	2268
15	Spain		150376	0	0	0	0	0	0

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#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-07-17 :: 2020-07-17 01:02:20
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 549
Unique number of distinct geographical locations combined: 3824

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Sao Paulo, Brazil	402048	2.91	19038	4.74	252699	62.85	130311	32.41
2	South Africa	324221	2.35	4669	1.44	165591	51.07	153961	47.49
3	Maharashtra, India	284281	2.06	11194	3.94	158140	55.63	114947	40.43
4	Iran	267061	1.93	13608	5.10	230608	86.35	22845	8.55
5	England, United Kingdom	251482	1.82	40528	16.12	0	0.00	210954	83.88
6	Saudi Arabia	243238	1.76	2370	0.97	187622	77.14	53246	21.89
7	Metropolitana, Chile	242572	1.76	6027	2.48	226151	93.23	10394	4.28
8	Moscow, Russia	231801	1.68	4258	1.84	168955	72.89	58588	25.28
9	New York City, New York, US	220367	1.60	23371	10.61	0	0.00	196996	89.39
10	Turkey	216873	1.57	5440	2.51	198820	91.68	12613	5.82
11	France	200739	1.45	30035	14.96	71910	35.82	98794	49.22
12	Bangladesh	196323	1.42	2496	1.27	106963	54.48	86864	44.25

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13	Lima, Peru	183425	1.33	5856	3.19	0	0.00	177569	96.81
14	Tamil Nadu, India	156369	1.13	2236	1.43	107416	68.69	46717	29.88
15	Los Angeles, California, US	147678	1.07	3989	2.70	0	0.00	143689	97.30
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#####									
#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-07-17 :: 2020-07-17 01:02:20									
#####									
Number of Countries/Regions reported: 188									
Number of Cities/Provinces reported: 549									
Unique number of distinct geographical locations combined: 3824									

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	251482	1.82	40528	16.12	0	0.00	210954	83.88
2	France	200739	1.45	30035	14.96	71910	35.82	98794	49.22
3	New York City, New York, US	220367	1.60	23371	10.61	0	0.00	196996	89.39
4	Sao Paulo, Brazil	402048	2.91	19038	4.74	252699	62.85	130311	32.41
5	Lombardia, Italy	95316	0.69	16775	17.60	71032	74.52	7509	7.88
6	Iran	267061	1.93	13608	5.10	230608	86.35	22845	8.55
7	Rio de Janeiro, Brazil	134573	0.97	11849	8.80	114351	84.97	8373	6.22
8	Maharashtra, India	284281	2.06	11194	3.94	158140	55.63	114947	40.43
9	Belgium	63238	0.46	9795	15.49	17253	27.28	36190	57.23
10	Madrid, Spain	72882	0.53	8445	11.59	40736	55.89	23701	32.52
11	Ciudad de Mexico, Mexico	60474	0.44	8008	13.24	48511	80.22	3955	6.54
12	Ceara, Brazil	144000	1.04	7127	4.95	117563	81.64	19310	13.41
13	Netherlands	51351	0.37	6137	11.95	0	0.00	45214	88.05
14	Metropolitana, Chile	242572	1.76	6027	2.48	226151	93.23	10394	4.28
15	Lima, Peru	183425	1.33	5856	3.19	0	0.00	177569	96.81
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#####									
#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-07-17 :: 2020-07-17 01:02:20									
#####									
Number of Countries/Regions reported: 188									
Number of Cities/Provinces reported: 549									
Unique number of distinct geographical locations combined: 3824									

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	1090645	Inf	-1045838	-Inf
2	Sao Paulo, Brazil	402048	2.91	19038	4.74	252699	62.85	130311	32.41
3	Unknown, Peru	0	0.00	0	NaN	230994	Inf	-230994	-Inf
4	Iran	267061	1.93	13608	5.10	230608	86.35	22845	8.55
5	Metropolitana, Chile	242572	1.76	6027	2.48	226151	93.23	10394	4.28
6	Turkey	216873	1.57	5440	2.51	198820	91.68	12613	5.82
7	Saudi Arabia	243238	1.76	2370	0.97	187622	77.14	53246	21.89
8	Moscow, Russia	231801	1.68	4258	1.84	168955	72.89	58588	25.28
9	South Africa	324221	2.35	4669	1.44	165591	51.07	153961	47.49
10	Maharashtra, India	284281	2.06	11194	3.94	158140	55.63	114947	40.43
11	Para, Brazil	133039	0.96	5385	4.05	119707	89.98	7947	5.97
12	Ceara, Brazil	144000	1.04	7127	4.95	117563	81.64	19310	13.41
13	Rio de Janeiro, Brazil	134573	0.97	11849	8.80	114351	84.97	8373	6.22
14	Tamil Nadu, India	156369	1.13	2236	1.43	107416	68.69	46717	29.88

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15	Bangladesh	196323	1.42	2496	1.27	106963	54.48	86864	44.25
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-07-17 :: 2020-07-17 01:02:20
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Number of Countries/Regions reported: 188
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Number of Cities/Provinces reported: 549
```

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Unique number of distinct geographical locations combined: 3824
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	251482	1.82	40528	16.12	0	0.00	210954	83.88
2	New York City, New York, US	220367	1.60	23371	10.61	0	0.00	196996	89.39
3	Lima, Peru	183425	1.33	5856	3.19	0	0.00	177569	96.81
4	South Africa	324221	2.35	4669	1.44	165591	51.07	153961	47.49
5	Los Angeles, California, US	147678	1.07	3989	2.70	0	0.00	143689	97.30
6	Sao Paulo, Brazil	402048	2.91	19038	4.74	252699	62.85	130311	32.41
7	Maharashtra, India	284281	2.06	11194	3.94	158140	55.63	114947	40.43
8	France	200739	1.45	30035	14.96	71910	35.82	98794	49.22
9	Cook, Illinois, US	97214	0.70	4750	4.89	0	0.00	92464	95.11
10	Maricopa, Arizona, US	88954	0.64	1311	1.47	0	0.00	87643	98.53
11	Bangladesh	196323	1.42	2496	1.27	106963	54.48	86864	44.25
12	Miami-Dade, Florida, US	75425	0.55	1246	1.65	0	0.00	74179	98.35
13	Argentina	114783	0.83	2112	1.84	49120	42.79	63551	55.37
14	Moscow, Russia	231801	1.68	4258	1.84	168955	72.89	58588	25.28
15	Egypt	85771	0.62	4120	4.80	26691	31.12	54960	64.08

	Confirmed	Deaths	Recovered	Active
Totals	13805296	589911	7711525	NA
Average	3610.17	154.27	2016.61	NA
Standard Deviation	18281.42	1167.47	21475.59	NA

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* Statistical estimators computed considering 3824 independent reported entries
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*****
***** OVERALL SUMMARY*****
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**** Time Series Worldwide TOTS ****
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ts-confirmed	ts-deaths	ts-recovered
13805296	589911	7711525
4.27%		55.86%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
51899.61	2217.71	30480.34
4.27%		58.73%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
266780.21	10962.55	128487.74
4.11%		48.16%

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