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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-07-20 :: 2020-07-21 13:02:20
#####
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Number of Countries/Regions reported: 188

Number of Cities/Provinces reported: 82

Unique number of distinct geographical locations combined: 266

Worldwide ts-confirmed Totals: 14703293

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		3830010	26.05	56750	61847	63698	67417	60021	26439
2	Brazil		2118646	14.41	20257	23529	28532	41857	45305	15762
3	India		1155338	7.86	37132	40425	38697	29429	22753	14831
4	Russia		776212	5.28	5901	6096	6214	6240	6363	7717
5	South Africa		373628	2.54	9300	13449	13285	10496	10134	4621
6	Peru		353590	2.40	0	4090	3963	3744	3575	3598
7	Mexico		349396	2.38	5172	5311	7615	7051	6258	5343
8	Chile		330930	2.25	0	2084	2407	1836	2462	5607
9	United Kingdom		295372	2.01	580	726	827	1240	581	622
10	Iran		276202	1.88	2414	2182	2166	2521	2637	2368
11	Pakistan		266096	1.81	1013	1587	1579	2165	2980	4471
12	Spain		264836	1.80	4581	0	0	666	341	334
13	Saudi Arabia		253349	1.72	2429	2504	2565	2692	3392	3379
14	Italy		244624	1.66	190	218	249	114	137	224
15	Turkey		220572	1.50	931	924	918	992	1053	1192

Global Perc. Average: 0.38 (sd: 1.94)

Global Perc. Average in top 15 : 5.04 (sd: 6.76)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-07-20 :: 2020-07-21 13:02:20
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Number of Countries/Regions reported: 188

Number of Cities/Provinces reported: 82

Unique number of distinct geographical locations combined: 266

Worldwide ts-deaths Totals: 609887

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		140906	3.68	372	415	853	900	1195	255
2	Brazil		80120	3.78	632	716	921	1300	1254	615
3	United Kingdom		45312	15.34	12	27	40	138	155	43
4	Mexico		39485	11.30	301	296	578	836	895	1044
5	Italy		35058	14.33	13	3	14	17	30	24
6	France		30069	14.79	23	0	-3	-2	11	6
7	Spain		28422	10.73	2	0	0	3	4	1
8	India		28082	2.43	585	681	543	582	483	445
9	Iran		14405	5.22	217	209	188	179	200	116
10	Peru		13187	3.73	0	189	199	175	180	184
11	Russia		12408	1.60	85	95	122	175	198	109
12	Belgium		9805	15.30	5	0	0	5	0	0
13	Germany		9094	4.47	2	1	3	4	10	0
14	Chile		8503	2.57	0	58	98	45	50	184

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15 Colombia 6929 3.40 193 220 228 170 149 111

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-07-20 :: 2020-07-21 13:02:20
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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: 8290431

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		1514300	55228	11664	18888	32174	44470	11339
2	US		1160087	28966	8401	15516	17159	12328	4673
3	India		724578	24491	22664	23672	20572	16897	9468
4	Russia		552644	3257	3478	7442	8790	9533	5118
5	Chile		301794	0	2345	2635	2664	3873	3960
6	Mexico		263091	8150	-16298	7037	5729	4611	3641
7	Peru		245081	3126	3869	4104	2253	3319	-1050
8	Iran		240087	2299	2488	2427	2731	2917	2207
9	Pakistan		208030	2101	1653	5767	2154	6008	3566
10	Saudi Arabia		203259	5524	3517	3057	7718	5205	2213
11	Turkey		203002	992	997	1179	1049	2297	1412
12	Italy		197162	213	143	323	335	574	440
13	South Africa		194865	3806	8829	4047	8038	4451	1282
14	Germany		188070	670	200	300	0	501	131
15	Spain		150376	0	0	0	0	0	0

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#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-07-21 :: 2020-07-21 13:02:21
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 562
Unique number of distinct geographical locations combined: 3921

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Sao Paulo, Brazil	416434	2.83	19788	4.75	282391	67.81	114255	27.44
2	South Africa	373628	2.54	5173	1.38	194865	52.15	173590	46.46
3	Maharashtra, India	318695	2.17	12030	3.77	175029	54.92	131636	41.30
4	Iran	276202	1.88	14405	5.22	240087	86.92	21710	7.86
5	England, United Kingdom	254120	1.73	40718	16.02	0	0.00	213402	83.98
6	Saudi Arabia	253349	1.72	2523	1.00	203259	80.23	47567	18.78
7	Metropolitana, Chile	245983	1.67	6975	2.84	229130	93.15	9878	4.02
8	Moscow, Russia	234123	1.59	4314	1.84	170918	73.00	58891	25.15
9	New York City, New York, US	221703	1.51	23411	10.56	0	0.00	198292	89.44
10	Turkey	220572	1.50	5508	2.50	203002	92.03	12062	5.47
11	Bangladesh	207453	1.41	2668	1.29	113556	54.74	91229	43.98
12	France	203242	1.38	30069	14.79	71494	35.18	101679	50.03

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13	Lima, Peru	189865	1.29	6122	3.22	0	0.00	183743	96.78
14	Tamil Nadu, India	175678	1.19	2551	1.45	121776	69.32	51351	29.23
15	Los Angeles, California, US	159045	1.08	4104	2.58	0	0.00	154941	97.42

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-07-21 :: 2020-07-21 13:02:21

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3921

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	254120	1.73	40718	16.02	0	0.00	213402	83.98
2	France	203242	1.38	30069	14.79	71494	35.18	101679	50.03
3	New York City, New York, US	221703	1.51	23411	10.56	0	0.00	198292	89.44
4	Sao Paulo, Brazil	416434	2.83	19788	4.75	282391	67.81	114255	27.44
5	Lombardia, Italy	95548	0.65	16796	17.58	71611	74.95	7141	7.47
6	Iran	276202	1.88	14405	5.22	240087	86.92	21710	7.86
7	Rio de Janeiro, Brazil	141005	0.96	12161	8.62	118298	83.90	10546	7.48
8	Maharashtra, India	318695	2.17	12030	3.77	175029	54.92	131636	41.30
9	Belgium	64094	0.44	9805	15.30	17321	27.02	36968	57.68
10	Madrid, Spain	73296	0.50	8447	11.52	40736	55.58	24113	32.90
11	Ciudad de Mexico, Mexico	63527	0.43	8253	12.99	49246	77.52	6028	9.49
12	Ceara, Brazil	147566	1.00	7185	4.87	122320	82.89	18061	12.24
13	Metropolitana, Chile	245983	1.67	6975	2.84	229130	93.15	9878	4.02
14	Lima, Peru	189865	1.29	6122	3.22	0	0.00	183743	96.78
15	Pernambuco, Brazil	80115	0.54	6036	7.53	56615	70.67	17464	21.80

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-07-21 :: 2020-07-21 13:02:21

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3921

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	1160087	Inf	-1109163	-Inf
2	Sao Paulo, Brazil	416434	2.83	19788	4.75	282391	67.81	114255	27.44
3	Unknown, Peru	0	0.00	0	NaN	245081	Inf	-245081	-Inf
4	Iran	276202	1.88	14405	5.22	240087	86.92	21710	7.86
5	Metropolitana, Chile	245983	1.67	6975	2.84	229130	93.15	9878	4.02
6	Saudi Arabia	253349	1.72	2523	1.00	203259	80.23	47567	18.78
7	Turkey	220572	1.50	5508	2.50	203002	92.03	12062	5.47
8	South Africa	373628	2.54	5173	1.38	194865	52.15	173590	46.46
9	Maharashtra, India	318695	2.17	12030	3.77	175029	54.92	131636	41.30
10	Moscow, Russia	234123	1.59	4314	1.84	170918	73.00	58891	25.15
11	Para, Brazil	138396	0.94	5538	4.00	126115	91.13	6743	4.87
12	Ceara, Brazil	147566	1.00	7185	4.87	122320	82.89	18061	12.24
13	Tamil Nadu, India	175678	1.19	2551	1.45	121776	69.32	51351	29.23
14	Rio de Janeiro, Brazil	141005	0.96	12161	8.62	118298	83.90	10546	7.48

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15	Bangladesh	207453	1.41	2668	1.29	113556	54.74	91229	43.98
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#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-07-21 :: 2020-07-21 13:02:21									
#####									
Number of Countries/Regions reported: 188									
Number of Cities/Provinces reported: 562									
Unique number of distinct geographical locations combined: 3921									

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	254120	1.73	40718	16.02	0	0.00	213402	83.98
2	New York City, New York, US	221703	1.51	23411	10.56	0	0.00	198292	89.44
3	Lima, Peru	189865	1.29	6122	3.22	0	0.00	183743	96.78
4	South Africa	373628	2.54	5173	1.38	194865	52.15	173590	46.46
5	Los Angeles, California, US	159045	1.08	4104	2.58	0	0.00	154941	97.42
6	Maharashtra, India	318695	2.17	12030	3.77	175029	54.92	131636	41.30
7	Sao Paulo, Brazil	416434	2.83	19788	4.75	282391	67.81	114255	27.44
8	France	203242	1.38	30069	14.79	71494	35.18	101679	50.03
9	Maricopa, Arizona, US	96711	0.66	1485	1.54	0	0.00	95226	98.46
10	Cook, Illinois, US	99052	0.67	4777	4.82	0	0.00	94275	95.18
11	Bangladesh	207453	1.41	2668	1.29	113556	54.74	91229	43.98
12	Miami-Dade, Florida, US	87035	0.59	1309	1.50	0	0.00	85726	98.50
13	Argentina	130774	0.89	2373	1.81	55913	42.76	72488	55.43
14	Moscow, Russia	234123	1.59	4314	1.84	170918	73.00	58891	25.15
15	Harris, Texas, US	57071	0.39	545	0.95	0	0.00	56526	99.05
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	Confirmed	Deaths	Recovered	Active					
Totals	14703293	609887	8290431	NA					
Average	3749.88	155.54	2114.37	NA					
Standard Deviation	19063.68	1167.51	22615.29	NA					
* Statistical estimators computed considering 3921 independent reported entries									

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

****	Time Series Worldwide TOTS	****							
	ts-confirmed	ts-deaths	ts-recovered						
	14703293	609887	8290431						
		4.15%	56.38%						
****	Time Series Worldwide AVGS	****							
	ts-confirmed	ts-deaths	ts-recovered						
	55275.54	2292.81	32768.5						
		4.15%	59.28%						
****	Time Series Worldwide SDS	****							
	ts-confirmed	ts-deaths	ts-recovered						
	285318.55	11228.91	138432.08						
		3.94%	48.52%						

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