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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-08-21 :: 2020-08-22 13:02:20
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 22949234

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		5622540	24.50	48693	44023	47408	47913	56174	68695
2	Brazil		3532330	15.39	30355	45323	49298	41576	49970	59961
3	India		2975701	12.97	69876	68900	69672	64030	64399	49310
4	Russia		944671	4.12	4838	4767	4790	5030	5185	5830
5	South Africa		603338	2.63	3398	3880	3916	4513	7712	13104
6	Peru		567059	2.47	8639	9099	7828	0	0	4546
7	Mexico		549734	2.40	5928	6775	5792	6345	6495	8438
8	Colombia		522138	2.28	8419	11541	13056	11578	9666	7945
9	Chile		393769	1.72	1920	1812	1182	1791	2198	2357
10	Spain		386054	1.68	8148	7039	6671	0	0	2615
11	Iran		354764	1.55	2206	2279	2444	2245	2125	2621
12	Argentina		329043	1.43	8159	8225	6693	6663	6134	6127
13	United Kingdom		323313	1.41	1033	1182	812	1012	758	769
14	Saudi Arabia		305186	1.33	1213	1287	1363	1413	1469	2238
15	Pakistan		291588	1.27	630	513	613	747	842	1209

Global Perc. Average: 0.38 (sd: 1.98)

Global Perc. Average in top 15 : 5.14 (sd: 6.89)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-08-21 :: 2020-08-22 13:02:20
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-deaths Totals: 799245

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		175363	3.12	1108	1078	1356	1029	1076	1121
2	Brazil		113358	3.21	1054	1204	1212	709	905	1311
3	Mexico		59610	10.84	504	625	707	635	695	718
4	India		55794	1.87	945	983	978	944	861	740
5	United Kingdom		41405	12.81	2	6	16	3	3	9
6	Italy		35427	13.78	9	6	7	158	13	10
7	France		30373	11.80	73	0	-1	0	-1	9
8	Spain		28838	7.47	25	16	127	0	0	3
9	Peru		27034	4.77	200	176	177	0	0	3887
10	Iran		20376	5.74	112	139	153	161	132	221
11	Colombia		16568	3.17	385	204	360	318	290	315
12	Russia		16148	1.71	90	107	115	118	129	147
13	South Africa		12843	2.13	225	195	159	121	301	153
14	Chile		10723	2.72	52	93	32	55	53	116

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15 Belgium 9985 12.34 9 7 10 11 4 4

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-08-21 :: 2020-08-22 13:02:21
#####
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: 14712252

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		2855558	11240	42387	50685	5897	49238	28338
2	India		2222577	63631	62282	58848	53322	53879	34602
3	US		1965056	18021	21986	26890	22201	19248	22420
4	Russia		759639	5771	6066	6757	6422	6578	8246
5	South Africa		500102	2933	5728	5973	5207	9809	7085
6	Mexico		448344	5562	4407	4566	7685	7027	5307
7	Peru		380730	0	3277	3434	5549	4839	3699
8	Chile		367897	1834	1778	1845	1914	1965	2190
9	Colombia		348940	9816	12826	13975	13127	6096	6338
10	Iran		305866	1630	1708	1647	1819	2398	2390
11	Saudi Arabia		277067	1591	1385	1180	1528	1492	3092
12	Pakistan		273579	775	676	2139	409	1505	6608
13	Argentina		239806	6155	4926	5194	6692	4945	2284
14	Turkey		235569	772	882	1002	992	1082	1151
15	Germany		206656	1297	905	777	316	615	512

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-08-22 :: 2020-08-22 13:02:21
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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	735960	3.21	28155	3.83	530780	72.12	177025	24.05
2	Maharashtra, India	657450	2.86	21698	3.30	470873	71.62	164879	25.08
3	South Africa	603338	2.63	12843	2.13	500102	82.89	90393	14.98
4	Tamil Nadu, India	367430	1.60	6340	1.73	307677	83.74	53413	14.54
5	Iran	354764	1.55	20376	5.74	305866	86.22	28522	8.04
6	Andhra Pradesh, India	334940	1.46	3092	0.92	244045	72.86	87803	26.21
7	Argentina	329043	1.43	6730	2.05	239806	72.88	82507	25.07
8	Saudi Arabia	305186	1.33	3580	1.17	277067	90.79	24539	8.04
9	Bangladesh	290360	1.27	3861	1.33	172615	59.45	113884	39.22
10	England, United Kingdom	279459	1.22	36765	13.16	0	0.00	242694	86.84
11	Lima, Peru	278823	1.21	11911	4.27	0	0.00	266912	95.73
12	Metropolitana, Chile	268476	1.17	8250	3.07	255486	95.16	4740	1.77

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13	Karnataka, India	264546	1.15	4522	1.71	176942	66.89	83082	31.41
14	France	257333	1.12	30373	11.80	72535	28.19	154425	60.01
15	Moscow, Russia	255826	1.11	4710	1.84	202727	79.24	48389	18.91

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-22 :: 2020-08-22 13:02:21

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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	England, United Kingdom	279459	1.22	36765	13.16	0	0.00	242694	86.84
2	France	257333	1.12	30373	11.80	72535	28.19	154425	60.01
3	Sao Paulo, Brazil	735960	3.21	28155	3.83	530780	72.12	177025	24.05
4	New York City, New York, US	231574	1.01	23641	10.21	0	0.00	207933	89.79
5	Maharashtra, India	657450	2.86	21698	3.30	470873	71.62	164879	25.08
6	Iran	354764	1.55	20376	5.74	305866	86.22	28522	8.04
7	Lombardia, Italy	97892	0.43	16852	17.21	75546	77.17	5494	5.61
8	Rio de Janeiro, Brazil	207036	0.90	15202	7.34	184641	89.18	7193	3.47
9	South Africa	603338	2.63	12843	2.13	500102	82.89	90393	14.98
10	Lima, Peru	278823	1.21	11911	4.27	0	0.00	266912	95.73
11	Ciudad de Mexico, Mexico	90351	0.39	10072	11.15	74064	81.97	6215	6.88
12	Belgium	80894	0.35	9985	12.34	18165	22.46	52744	65.20
13	Madrid, Spain	102382	0.45	8537	8.34	40736	39.79	53109	51.87
14	Ceara, Brazil	202999	0.88	8268	4.07	173556	85.50	21175	10.43
15	Metropolitana, Chile	268476	1.17	8250	3.07	255486	95.16	4740	1.77

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-22 :: 2020-08-22 13:02:21

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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	Recovered, US	0	0.00	0	NaN	1965056	Inf	-1965056	-Inf
2	Sao Paulo, Brazil	735960	3.21	28155	3.83	530780	72.12	177025	24.05
3	South Africa	603338	2.63	12843	2.13	500102	82.89	90393	14.98
4	Maharashtra, India	657450	2.86	21698	3.30	470873	71.62	164879	25.08
5	Unknown, Peru	0	0.00	0	NaN	380730	Inf	-380730	-Inf
6	Tamil Nadu, India	367430	1.60	6340	1.73	307677	83.74	53413	14.54
7	Iran	354764	1.55	20376	5.74	305866	86.22	28522	8.04
8	Saudi Arabia	305186	1.33	3580	1.17	277067	90.79	24539	8.04
9	Metropolitana, Chile	268476	1.17	8250	3.07	255486	95.16	4740	1.77
10	Andhra Pradesh, India	334940	1.46	3092	0.92	244045	72.86	87803	26.21
11	Argentina	329043	1.43	6730	2.05	239806	72.88	82507	25.07
12	Turkey	255723	1.11	6080	2.38	235569	92.12	14074	5.50
13	Bahia, Brazil	229743	1.00	4757	2.07	208932	90.94	16054	6.99
14	Moscow, Russia	255826	1.11	4710	1.84	202727	79.24	48389	18.91

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15	Rio de Janeiro, Brazil	207036	0.90	15202	7.34	184641	89.18	7193	3.47
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-08-22 :: 2020-08-22 13:02:21
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Number of Countries/Regions reported: 188
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```
Number of Cities/Provinces reported: 563
```

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Unique number of distinct geographical locations combined: 3949
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Lima, Peru	278823	1.21	11911	4.27	0	0.00	266912	95.73
2	England, United Kingdom	279459	1.22	36765	13.16	0	0.00	242694	86.84
3	Los Angeles, California, US	229054	1.00	5491	2.40	0	0.00	223563	97.60
4	New York City, New York, US	231574	1.01	23641	10.21	0	0.00	207933	89.79
5	Sao Paulo, Brazil	735960	3.21	28155	3.83	530780	72.12	177025	24.05
6	Maharashtra, India	657450	2.86	21698	3.30	470873	71.62	164879	25.08
7	France	257333	1.12	30373	11.80	72535	28.19	154425	60.01
8	Miami-Dade, Florida, US	150305	0.65	2219	1.48	0	0.00	148086	98.52
9	Maricopa, Arizona, US	131166	0.57	2743	2.09	0	0.00	128423	97.91
10	Cook, Illinois, US	119644	0.52	4997	4.18	0	0.00	114647	95.82
11	Bangladesh	290360	1.27	3861	1.33	172615	59.45	113884	39.22
12	Harris, Texas, US	96658	0.42	1978	2.05	0	0.00	94680	97.95
13	South Africa	603338	2.63	12843	2.13	500102	82.89	90393	14.98
14	Andhra Pradesh, India	334940	1.46	3092	0.92	244045	72.86	87803	26.21
15	Karnataka, India	264546	1.15	4522	1.71	176942	66.89	83082	31.41

	Confirmed	Deaths	Recovered	Active
Totals	22949234	799245	14712252	NA
Average	5811.4	202.39	3725.56	NA
Standard Deviation	29991.47	1319.98	38708.94	NA

```
* Statistical estimators computed considering 3949 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
22949234	799245	14712252
3.48%		64.11%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
86275.32	3004.68	58151.19
3.48%		67.4%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
453814.83	14440.56	268697.58
3.18%		59.21%

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