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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-08-22 :: 2020-08-23 01:02:20
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 23203532

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		5667112	24.42	44572	48693	44023	42048	46935	73715
2	Brazil		3582362	15.44	50032	30355	45323	23101	23010	55891
3	India		3044940	13.12	69239	69876	68900	57711	62064	48916
4	Russia		949531	4.09	4860	4838	4767	4911	5155	5779
5	South Africa		607045	2.62	3707	3398	3880	3692	6671	13944
6	Peru		576067	2.48	9008	8639	9099	9507	14149	4865
7	Mexico		556216	2.40	6482	5928	6775	4448	4376	7573
8	Colombia		522138	2.25	0	8419	11541	11643	10611	7168
9	Chile		395708	1.71	1939	1920	1812	2044	2033	2545
10	Spain		386054	1.66	0	8148	7039	0	0	2255
11	Iran		356792	1.54	2028	2206	2279	2133	2020	2489
12	Argentina		336802	1.45	7759	8159	8225	5469	4688	5493
13	United Kingdom		324601	1.40	1288	1033	1182	1105	1062	768
14	Saudi Arabia		306370	1.32	1184	1213	1287	1227	1428	2378
15	Bangladesh		292625	1.26	2265	2401	2868	2024	2487	2548

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: 2020-08-22 :: 2020-08-23 01:02:21
#####
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: 804416

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		176353	3.11	983	1115	1078	571	515	1123
2	Brazil		114250	3.19	892	1054	1204	620	572	1156
3	Mexico		60254	10.83	644	504	625	214	292	737
4	India		56706	1.86	912	945	983	941	1007	757
5	United Kingdom		41423	12.76	18	2	6	5	5	32
6	Italy		35430	13.73	3	9	6	4	2	5
7	France		30381	11.65	8	73	0	0	0	9
8	Spain		28838	7.47	0	25	16	0	0	3
9	Peru		27245	4.73	211	200	176	219	423	189
10	Iran		20502	5.75	126	112	139	147	163	215
11	Colombia		16568	3.17	0	385	204	287	302	287
12	Russia		16268	1.71	120	90	107	68	76	153
13	South Africa		12987	2.14	144	225	195	162	198	250
14	Chile		10792	2.73	69	52	93	57	66	76

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15 Belgium 9988 12.26 3 9 7 4 2 5

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-08-22 :: 2020-08-23 01:02:21
#####
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: 14911319

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		2913966	58408	11240	42387	32139	35446	72901
2	India		2280566	57989	63631	62282	57584	54859	32223
3	US		1985484	20428	18021	21986	14540	13746	28355
4	Russia		765754	6115	5771	6066	3549	3203	8433
5	South Africa		504127	4025	2933	5728	5436	6906	9511
6	Mexico		453104	4760	5562	4407	6134	7307	7928
7	Peru		380730	0	0	3277	5586	4849	3478
8	Chile		369730	1833	1834	1778	1877	1693	2265
9	Colombia		348940	0	9816	12826	13016	8097	5913
10	Iran		307702	1836	1630	1708	1856	2249	1982
11	Saudi Arabia		278441	1374	1591	1385	2466	1599	2241
12	Pakistan		275317	1738	775	676	3463	644	16813
13	Argentina		245781	5975	6155	4926	6005	0	2632
14	Turkey		236370	801	772	882	997	1103	1009
15	Germany		207606	950	1297	905	431	233	556

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-08-23 :: 2020-08-23 01:02:21
#####
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 561
Unique number of distinct geographical locations combined: 3943

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Sao Paulo, Brazil	749244	3.23	28392	3.79	547197	73.03	173655	23.18
2	Maharashtra, India	671942	2.90	21995	3.27	480114	71.45	169833	25.27
3	South Africa	607045	2.62	12987	2.14	504127	83.05	89931	14.81
4	Tamil Nadu, India	373410	1.61	6420	1.72	313280	83.90	53710	14.38
5	Iran	356792	1.54	20502	5.75	307702	86.24	28588	8.01
6	Andhra Pradesh, India	345216	1.49	3189	0.92	252638	73.18	89389	25.89
7	Argentina	336802	1.45	6848	2.03	245781	72.97	84173	24.99
8	Saudi Arabia	306370	1.32	3619	1.18	278441	90.88	24310	7.93
9	Bangladesh	292625	1.26	3907	1.34	175567	60.00	113151	38.67
10	Lima, Peru	282022	1.22	12018	4.26	0	0.00	270004	95.74
11	England, United Kingdom	280519	1.21	36782	13.11	0	0.00	243737	86.89
12	Karnataka, India	271876	1.17	4615	1.70	184568	67.89	82693	30.42

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13	Metropolitana, Chile	269118	1.16	8288	3.08	256034	95.14	4796	1.78	
14	France	260873	1.12	30381	11.65	72600	27.83	157892	60.52	
15	Turkey	257032	1.11	6102	2.37	236370	91.96	14560	5.66	
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#####										
#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-23 :: 2020-08-23 01:02:21										
#####										
Number of Countries/Regions reported: 188										
Number of Cities/Provinces reported: 561										
Unique number of distinct geographical locations combined: 3943										

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active	
1	England, United Kingdom	280519	1.21	36782	13.11	0	0.00	243737	86.89	
2	France	260873	1.12	30381	11.65	72600	27.83	157892	60.52	
3	Sao Paulo, Brazil	749244	3.23	28392	3.79	547197	73.03	173655	23.18	
4	New York City, New York, US	231841	1.00	23646	10.20	0	0.00	208195	89.80	
5	Maharashtra, India	671942	2.90	21995	3.27	480114	71.45	169833	25.27	
6	Iran	356792	1.54	20502	5.75	307702	86.24	28588	8.01	
7	Lombardia, Italy	98077	0.42	16852	17.18	75649	77.13	5576	5.69	
8	Rio de Janeiro, Brazil	210464	0.91	15267	7.25	188731	89.67	6466	3.07	
9	South Africa	607045	2.62	12987	2.14	504127	83.05	89931	14.81	
10	Lima, Peru	282022	1.22	12018	4.26	0	0.00	270004	95.74	
11	Ciudad de Mexico, Mexico	91581	0.39	10132	11.06	74641	81.50	6808	7.43	
12	Belgium	81468	0.35	9988	12.26	18204	22.34	53276	65.40	
13	Madrid, Spain	102382	0.44	8537	8.34	40736	39.79	53109	51.87	
14	Metropolitana, Chile	269118	1.16	8288	3.08	256034	95.14	4796	1.78	
15	Ceara, Brazil	204587	0.88	8286	4.05	174087	85.09	22214	10.86	
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#####										
#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-23 :: 2020-08-23 01:02:21										
#####										
Number of Countries/Regions reported: 188										
Number of Cities/Provinces reported: 561										
Unique number of distinct geographical locations combined: 3943										

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active	
1	Sao Paulo, Brazil	749244	3.23	28392	3.79	547197	73.03	173655	23.18	
2	South Africa	607045	2.62	12987	2.14	504127	83.05	89931	14.81	
3	Maharashtra, India	671942	2.90	21995	3.27	480114	71.45	169833	25.27	
4	Tamil Nadu, India	373410	1.61	6420	1.72	313280	83.90	53710	14.38	
5	Iran	356792	1.54	20502	5.75	307702	86.24	28588	8.01	
6	Saudi Arabia	306370	1.32	3619	1.18	278441	90.88	24310	7.93	
7	Metropolitana, Chile	269118	1.16	8288	3.08	256034	95.14	4796	1.78	
8	Andhra Pradesh, India	345216	1.49	3189	0.92	252638	73.18	89389	25.89	
9	Argentina	336802	1.45	6848	2.03	245781	72.97	84173	24.99	
10	Turkey	257032	1.11	6102	2.37	236370	91.96	14560	5.66	
11	Bahia, Brazil	234204	1.01	4832	2.06	214261	91.48	15111	6.45	
12	Moscow, Russia	256513	1.11	4720	1.84	203821	79.46	47972	18.70	
13	Rio de Janeiro, Brazil	210464	0.91	15267	7.25	188731	89.67	6466	3.07	
14	Karnataka, India	271876	1.17	4615	1.70	184568	67.89	82693	30.42	

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15	Bangladesh	292625	1.26	3907	1.34	175567	60.00	113151	38.67						
=====															
#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-08-23 :: 2020-08-23 01:02:21															
#####															
Number of Countries/Regions reported: 188															
Number of Cities/Provinces reported: 561															
Unique number of distinct geographical locations combined: 3943															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	Lima, Peru	282022	1.22	12018	4.26	0	0.00	270004	95.74						
2	England, United Kingdom	280519	1.21	36782	13.11	0	0.00	243737	86.89						
3	Los Angeles, California, US	230662	0.99	5537	2.40	0	0.00	225125	97.60						
4	New York City, New York, US	231841	1.00	23646	10.20	0	0.00	208195	89.80						
5	Sao Paulo, Brazil	749244	3.23	28392	3.79	547197	73.03	173655	23.18						
6	Maharashtra, India	671942	2.90	21995	3.27	480114	71.45	169833	25.27						
7	France	260873	1.12	30381	11.65	72600	27.83	157892	60.52						
8	Miami-Dade, Florida, US	151214	0.65	2238	1.48	0	0.00	148976	98.52						
9	Maricopa, Arizona, US	131685	0.57	2776	2.11	0	0.00	128909	97.89						
10	Cook, Illinois, US	120567	0.52	5008	4.15	0	0.00	115559	95.85						
11	Bangladesh	292625	1.26	3907	1.34	175567	60.00	113151	38.67						
12	Harris, Texas, US	97745	0.42	2011	2.06	0	0.00	95734	97.94						
13	South Africa	607045	2.62	12987	2.14	504127	83.05	89931	14.81						
14	Andhra Pradesh, India	345216	1.49	3189	0.92	252638	73.18	89389	25.89						
15	Argentina	336802	1.45	6848	2.03	245781	72.97	84173	24.99						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	23203319	804150	12545037	NA											
Average	5884.69	203.94	3181.6	NA											
Standard Deviation	30420.22	1326.83	22468.65	NA											
* Statistical estimators computed considering 3943 independent reported entries															

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

****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	23203532	804416	14911319												
	3.47%	64.26%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	87231.32	3024.12	58938.02												
	3.47%	67.57%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	459127.57	14536.32	273713.11												
	3.17%	59.62%													

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