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## covid19-SummaryReport\_2020-08-20.txt

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-----
Province.State      Country.Region
6                  Antigua and Barbuda
9  Australian Capital Territory      Australia
10                 New South Wales    Australia
11                 Northern Territory  Australia
12                 Queensland          Australia
13                 South Australia     Australia
16                 Western Australia   Australia
26
40                 Alberta            Canada
42                 Diamond Princess   Canada
44                 Manitoba           Canada
46  Newfoundland and Labrador       Canada
49                 Ontario            Canada
64                 Guizhou            China
74                 Jiangxi            China
107
116                Ecuador            Finland
122                New Caledonia       France
123                Reunion             France
124                Saint Barthelemy    France
127                France              France
138                Guyana              Guyana
141                Honduras            Honduras
150                Italy               Italy
153                Jordan              Jordan
167                Lithuania           Lithuania
170                Madagascar          Madagascar
175                Malta               Malta
177                Mauritius           Mauritius
186                Nepal               Nepal
192                New Zealand         New Zealand
194                Niger               Niger
201                Papua New Guinea    Papua New Guinea
206                Portugal            Portugal
214                San Marino          San Marino
227                Spain               Spain
234                Taiwan*            Taiwan*
244                Uganda              Uganda
253                Gibraltar           United Kingdom
256  Turks and Caicos Islands        United Kingdom
258                Uruguay             Uruguay
264                Yemen               Yemen
266                Zimbabwe            Zimbabwe

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-08-19 :: 2020-08-20 13:02:20
#####
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-confirmed Totals: 22411300
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	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		5529824	24.67	47408	44091	35112	51547	59692	64534
2	Brazil		3456652	15.42	49298	47784	19373	60091	53139	41008

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3	India	2836925	12.66	69672	64572	55018	64553	62538	37740
4	Russia	935066	4.17	4790	4718	4839	5017	5239	5828
5	South Africa	596060	2.66	3916	2258	2541	3946	8307	8170
6	Peru	549321	2.45	7828	5547	10143	8875	7785	4406
7	Mexico	537031	2.40	5792	5506	3571	7371	6590	6859
8	Colombia	502178	2.24	13056	12462	8328	11286	11996	7033
9	Chile	390037	1.74	1182	1353	1556	1866	1948	1654
10	Spain	370867	1.65	6671	5114	16269	7550	4088	1358
11	Iran	350279	1.56	2444	2385	2247	2625	2634	2625
12	United Kingdom	321098	1.43	812	1089	713	1129	950	445
13	Argentina	312659	1.40	6693	6840	4557	7498	7513	5344
14	Saudi Arabia	302686	1.35	1363	1409	1372	1482	1402	2476
15	Pakistan	290445	1.30	613	617	0	753	727	1332

Global Perc. Average: 0.38 (sd: 1.98)

Global Perc. Average in top 15 : 5.14 (sd: 6.9)

	Province.State	Country.Region
12	Queensland	Australia
17		Austria
40	Alberta	Canada
49	Ontario	Canada
50	Prince Edward Island	Canada
51	Quebec	Canada
97		Cuba
98		Cyprus
99		Czechia
102		Denmark
112		Estonia
116		Finland
121	Mayotte	France
127		France
131		Germany
143		Iceland
144		India
148		Ireland
150		Italy
152		Japan
154		Kazakhstan
165		Libya
166		Liechtenstein
168		Luxembourg
191		Netherlands
201	Papua New Guinea	
204		Philippines
218		Serbia
222		Slovakia
227		Spain
231		Sweden
251	Channel Islands	United Kingdom
260		Venezuela
261		Vietnam

#####  
 ##### TS-DEATHS Cases -- Data dated: 2020-08-19 :: 2020-08-20 13:02:21  
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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: 787672  
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	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		173177	3.13	1356	1324	445	1076	1250	1109
2	Brazil		111100	3.21	1212	1352	684	1262	1237	1367
3	Mexico		58481	10.89	707	751	266	627	819	915
4	India		53866	1.90	978	1091	876	1007	886	650
5	United Kingdom		41397	12.89	16	12	3	18	18	25
6	Italy		35412	13.87	7	5	4	6	6	15
7	France		30300	12.49	-1	-1	23	16	11	-13
8	Spain		28797	7.76	127	24	29	26	1	2
9	Peru		26658	4.85	177	200	206	212	196	195
10	Iran		20125	5.75	153	168	165	174	174	229
11	Colombia		15979	3.18	360	247	275	308	315	237
12	Russia		15951	1.71	115	129	54	122	114	153
13	South Africa		12423	2.08	159	282	143	260	306	195
14	Chile		10578	2.71	32	33	61	94	97	44
15	Belgium		9969	12.54	10	15	5	16	2	0

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	Province.State	Country.Region
3		Algeria
4		Andorra
9	Australian Capital Territory	Australia
10	New South Wales	Australia
11	Northern Territory	Australia
12	Queensland	Australia
16	Western Australia	Australia
17		Austria
18		Azerbaijan
19		Bahamas
23		Belarus
24		Belgium
26		Benin
38		Cambodia
39		Cameroon
40		Canada
50	Guangxi	China
51	Guizhou	China
52	Hainan	China
54	Heilongjiang	China
56	Hong Kong	China
57	Hubei	China
60	Jiangsu	China
61	Jiangxi	China
65	Ningxia	China
69	Shanghai	China
70	Shanxi	China
82		Cote d'Ivoire
90		Diamond Princess
95		Egypt

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99      Estonia
101     Ethiopia
103     Finland
114     France
119     Ghana
120     Greece
126     Haiti
128     Honduras
130     Iceland
137     Italy
139     Japan
140     Jordan
141     Kazakhstan
143     Korea, South
147     Laos
148     Latvia
152     Libya
153     Liechtenstein
154     Lithuania
162     Malta
165     Mexico
177     Sint Maarten
186     Netherlands
186     Pakistan
190     Peru
192     Poland
205     Serbia
209     Slovakia
215     Sri Lanka
222     Tajikistan
227     Trinidad and Tobago
230     US
231     Uganda
238     Channel Islands
244     United Kingdom
245     Uruguay
248     Vietnam
249     West Bank and Gaza
251     Yemen

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#### TS-RECOVERED Cases -- Data dated: 2020-08-19 :: 2020-08-20 13:02:21

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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: 14333914  
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	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		2801931	50685	52166	44063	14872	40181	41039
2	India		2096664	58848	60145	57829	55573	49769	28472
3	US		1925049	26890	32579	32513	20888	20773	21931
4	Russia		747802	6757	6472	3129	6034	7300	8753
5	South Africa		491441	5973	7797	5294	5588	10050	13279
6	Mexico		438375	4566	2969	6542	5401	3547	4316
7	Peru		377453	3434	3302	5350	0	3907	3665
8	Chile		364285	1845	2055	1557	1712	1877	2824
9	Colombia		326298	13975	10798	14089	10709	6038	3036
10	Iran		302528	1647	1724	1671	1814	2531	2264

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11	Saudi Arabia	274091	1180	4526	1432	3124	1775	4000
12	Pakistan	272128	2139	902	0	867	1772	2438
13	Turkey	233915	1002	942	1002	968	1040	1009
14	Argentina	228725	5194	5681	6148	5151	2904	2685
15	Italy	204506	364	174	182	226	347	269

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#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-08-20 :: 2020-08-20 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	721377	3.22	27591	3.82	524727	72.74	169059	23.44
2	Maharashtra, India	628642	2.81	21033	3.35	446881	71.09	160728	25.57
3	South Africa	596060	2.66	12423	2.08	491441	82.45	92196	15.47
4	Tamil Nadu, India	355449	1.59	6123	1.72	296171	83.32	53155	14.95
5	Iran	350279	1.56	20125	5.75	302528	86.37	27626	7.89
6	Andhra Pradesh, India	316003	1.41	2906	0.92	226372	71.64	86725	27.44
7	Argentina	312659	1.40	6330	2.02	228725	73.15	77604	24.82
8	Saudi Arabia	302686	1.35	3506	1.16	274091	90.55	25089	8.29
9	Bangladesh	285091	1.27	3781	1.33	165738	58.14	115572	40.54
10	England, United Kingdom	277516	1.24	36757	13.25	0	0.00	240759	86.75
11	Lima, Peru	271607	1.21	11799	4.34	0	0.00	259808	95.66
12	Metropolitana, Chile	267327	1.19	8187	3.06	254299	95.13	4841	1.81
13	Moscow, Russia	254448	1.14	4687	1.84	200359	78.74	49402	19.42
14	Turkey	253108	1.13	6039	2.39	233915	92.42	13154	5.20
15	Karnataka, India	249590	1.11	4327	1.73	164150	65.77	81113	32.50

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-20 :: 2020-08-20 13:02:21

#####

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	277516	1.24	36757	13.25	0	0.00	240759	86.75
2	France	242538	1.08	30300	12.49	71945	29.66	140293	57.84
3	Sao Paulo, Brazil	721377	3.22	27591	3.82	524727	72.74	169059	23.44
4	New York City, New York, US	231015	1.03	23643	10.23	0	0.00	207372	89.77
5	Maharashtra, India	628642	2.81	21033	3.35	446881	71.09	160728	25.57
6	Iran	350279	1.56	20125	5.75	302528	86.37	27626	7.89
7	Lombardia, Italy	97564	0.44	16844	17.26	75398	77.28	5322	5.45
8	Rio de Janeiro, Brazil	202993	0.91	14913	7.35	182513	89.91	5567	2.74
9	South Africa	596060	2.66	12423	2.08	491441	82.45	92196	15.47
10	Lima, Peru	271607	1.21	11799	4.34	0	0.00	259808	95.66

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11	Ciudad de Mexico, Mexico	88452	0.39	9974	11.28	72654	82.14	5824	6.58
12	Belgium	79479	0.35	9969	12.54	18078	22.75	51432	64.71
13	Madrid, Spain	97185	0.43	8518	8.76	40736	41.92	47931	49.32
14	Ceara, Brazil	201201	0.90	8241	4.10	172189	85.58	20771	10.32
15	Metropolitana, Chile	267327	1.19	8187	3.06	254299	95.13	4841	1.81

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-20 :: 2020-08-20 13:02:21

#####

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	1925049	Inf	-1925049	-Inf
2	Sao Paulo, Brazil	721377	3.22	27591	3.82	524727	72.74	169059	23.44
3	South Africa	596060	2.66	12423	2.08	491441	82.45	92196	15.47
4	Maharashtra, India	628642	2.81	21033	3.35	446881	71.09	160728	25.57
5	Unknown, Peru	0	0.00	0	NaN	377453	Inf	-377453	-Inf
6	Iran	350279	1.56	20125	5.75	302528	86.37	27626	7.89
7	Tamil Nadu, India	355449	1.59	6123	1.72	296171	83.32	53155	14.95
8	Saudi Arabia	302686	1.35	3506	1.16	274091	90.55	25089	8.29
9	Metropolitana, Chile	267327	1.19	8187	3.06	254299	95.13	4841	1.81
10	Turkey	253108	1.13	6039	2.39	233915	92.42	13154	5.20
11	Argentina	312659	1.40	6330	2.02	228725	73.15	77604	24.82
12	Andhra Pradesh, India	316003	1.41	2906	0.92	226372	71.64	86725	27.44
13	Bahia, Brazil	224659	1.00	4611	2.05	205555	91.50	14493	6.45
14	Moscow, Russia	254448	1.14	4687	1.84	200359	78.74	49402	19.42
15	Rio de Janeiro, Brazil	202993	0.91	14913	7.35	182513	89.91	5567	2.74

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#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-08-20 :: 2020-08-20 13:02:21

#####

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	Lima, Peru	271607	1.21	11799	4.34	0	0.00	259808	95.66
2	England, United Kingdom	277516	1.24	36757	13.25	0	0.00	240759	86.75
3	Los Angeles, California, US	225827	1.01	5392	2.39	0	0.00	220435	97.61
4	New York City, New York, US	231015	1.03	23643	10.23	0	0.00	207372	89.77
5	Sao Paulo, Brazil	721377	3.22	27591	3.82	524727	72.74	169059	23.44
6	Maharashtra, India	628642	2.81	21033	3.35	446881	71.09	160728	25.57
7	Miami-Dade, Florida, US	148093	0.66	2166	1.46	0	0.00	145927	98.54
8	France	242538	1.08	30300	12.49	71945	29.66	140293	57.84
9	Maricopa, Arizona, US	130384	0.58	2697	2.07	0	0.00	127687	97.93
10	Bangladesh	285091	1.27	3781	1.33	165738	58.14	115572	40.54
11	Cook, Illinois, US	118012	0.53	4984	4.22	0	0.00	113028	95.78
12	Harris, Texas, US	94676	0.42	1920	2.03	0	0.00	92756	97.97

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13	South Africa	596060	2.66	12423	2.08	491441	82.45	92196	15.47
14	Andhra Pradesh, India	316003	1.41	2906	0.92	226372	71.64	86725	27.44
15	Karnataka, India	249590	1.11	4327	1.73	164150	65.77	81113	32.50

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=====
Confirmed    Deaths    Recovered    Active
Totals
22411300     787672    14333914     NA
Average
5675.18      199.46    3629.76      NA
Standard Deviation
29239.2      1306.47   37866.52     NA

```

\* Statistical estimators computed considering 3949 independent reported entries

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*****
***** OVERALL SUMMARY*****
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**** Time Series Worldwide TOTS ****
ts-confirmed    ts-deaths    ts-recovered
22411300         787672    14333914
3.51%           63.96%

**** Time Series Worldwide AVGS ****
ts-confirmed    ts-deaths    ts-recovered
84253.01        2961.17    56655.79
3.51%           67.24%

**** Time Series Worldwide SDS ****
ts-confirmed    ts-deaths    ts-recovered
443642.52       14224.76    260930.73
3.21%           58.82%

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

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