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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
122                Finland
123                New Caledonia        France
124                Reunion             France
127                Saint Barthelemy     France
138                Guyana
141                Honduras
150                Italy
153                Jordan
167                Lithuania
170                Madagascar
175                Malta
177                Mauritius
186                Nepal
192                New Zealand
194                Niger
201                Papua New Guinea
206                Portugal
214                San Marino
227                Spain
234                Taiwan*
244                Uganda
253                Gibraltar           United Kingdom
256                Turks and Caicos Islands United Kingdom
258                Uruguay
264                Yemen
266                Zimbabwe

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-08-16 :: 2020-08-17 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-confirmed Totals: 21672186
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	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		5403213	24.93	42048	47913	64294	49536	45368	63698
2	Brazil		3340197	15.41	23101	90653	1567	22048	16641	28532

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3	India	2647663	12.22	57711	64030	64732	53601	52050	38697			
4	Russia	920719	4.25	4911	5030	5016	5081	5364	6214			
5	South Africa	587345	2.71	3692	4513	6275	3739	5377	13285			
6	Peru	525803	2.43	9507	0	17741	5109	4250	3963			
7	Mexico	522162	2.41	4448	6345	5618	5558	4767	7615			
8	Colombia	468332	2.16	11643	11578	11306	10142	10199	8560			
9	Chile	385946	1.78	2044	1791	2077	1988	1762	2407			
10	Iran	343203	1.58	2133	2245	2501	2132	2598	2166			
11	Spain	342813	1.58	0	0	5479	8618	8532	0			
12	United Kingdom	318484	1.47	1105	1012	1440	816	938	827			
13	Saudi Arabia	298542	1.38	1227	1413	1383	1257	1258	2565			
14	Argentina	294569	1.36	5469	6663	6365	7369	4824	3223			
15	Pakistan	289215	1.33	1168	747	626	539	762	1579			

Global Perc. Average: 0.38 (sd: 1.98)												
Global Perc. Average in top 15 : 5.13 (sd: 6.92)												
=====												
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-----												
	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										
257		United Kingdom										
260		Venezuela										
#####												
#### TS-DEATHS Cases -- Data dated: 2020-08-16 :: 2020-08-17 01:02:21												
#####												

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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: 775244  
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	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		170052	3.15	571	1029	1342	525	539	870
2	Brazil		107852	3.23	620	1742	27	703	561	921
3	Mexico		56757	10.87	214	635	615	705	266	578
4	India		50921	1.92	941	944	996	871	803	543
5	United Kingdom		46706	14.67	0	0	0	-48	9	40
6	Italy		35396	13.94	4	158	3	4	12	14
7	France		30279	12.65	0	0	16	-1	-1	-3
8	Spain		28617	8.35	0	0	12	73	27	0
9	Peru		26075	4.96	219	0	4143	204	197	199
10	Iran		19639	5.72	147	161	169	189	215	188
11	Russia		15653	1.70	68	118	114	70	79	122
12	Colombia		15097	3.22	287	318	347	312	367	228
13	South Africa		11839	2.02	162	121	286	213	173	144
14	Chile		10452	2.71	57	55	41	62	99	98
15	Belgium		9939	12.69	4	11	8	7	5	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

```

#####

TS-RECOVERED Cases -- Data dated: 2020-08-16 :: 2020-08-17 01:02:22

#####

Number of Countries/Regions reported: 188

Number of Cities/Provinces reported: 68

Unique number of distinct geographical locations combined: 253

Worldwide ts-recovered Totals: 13676868

| | Country.Region | Province.State | Totals | LastDayChange | t-2 | t-3 | t-7 | t-14 | t-30 |
|----|----------------|----------------|---------|---------------|-------|-------|-------|-------|-------|
| 1 | Brazil | | 2655017 | 32139 | 5897 | 95881 | 33847 | 36100 | 18888 |
| 2 | India | | 1919842 | 57584 | 53322 | 57381 | 47746 | 44306 | 23672 |
| 3 | US | | 1833067 | 14540 | 22201 | 21678 | 13891 | 44757 | 15516 |
| 4 | Russia | | 731444 | 3549 | 6422 | 6539 | 3258 | 3411 | 7442 |
| 5 | South Africa | | 472377 | 5436 | 5207 | 24117 | 5726 | 10810 | 4047 |
| 6 | Mexico | | 424298 | 6134 | 7685 | 3896 | 8728 | 10915 | 7037 |
| 7 | Peru | | 365367 | 5586 | 5549 | 12294 | 0 | 3904 | 4104 |
| 8 | Chile | | 358828 | 1877 | 1914 | 1906 | 1516 | 1565 | 2635 |
| 9 | Iran | | 297486 | 1856 | 1819 | 1753 | 2271 | 2126 | 2427 |
| 10 | Colombia | | 287436 | 13016 | 13127 | 10799 | 8796 | 6488 | 5199 |

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| | | | | | | | | |
|----|--------------|--------|------|------|------|------|------|------|
| 11 | Pakistan | 269087 | 3463 | 409 | 1155 | 516 | 820 | 5767 |
| 12 | Saudi Arabia | 266953 | 2466 | 1528 | 2566 | 1439 | 1974 | 3057 |
| 13 | Turkey | 230969 | 997 | 992 | 923 | 1211 | 1003 | 1179 |
| 14 | Argentina | 211702 | 6005 | 6692 | 6571 | 0 | 2276 | 2827 |
| 15 | Italy | 203786 | 146 | 314 | 403 | 150 | 129 | 323 |

#####

AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-08-17 :: 2020-08-17 01:02:22

#####

Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 563
 Unique number of distinct geographical locations combined: 3945

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Sao Paulo, Brazil | 699493 | 3.23 | 26852 | 3.84 | 487345 | 69.67 | 185296 | 26.49 |
| 2 | Maharashtra, India | 595865 | 2.75 | 20037 | 3.36 | 417123 | 70.00 | 158705 | 26.63 |
| 3 | South Africa | 587345 | 2.71 | 11839 | 2.02 | 472377 | 80.43 | 103129 | 17.56 |
| 4 | Iran | 343203 | 1.58 | 19639 | 5.72 | 297486 | 86.68 | 26078 | 7.60 |
| 5 | Tamil Nadu, India | 338055 | 1.56 | 5766 | 1.71 | 278270 | 82.32 | 54019 | 15.98 |
| 6 | Saudi Arabia | 298542 | 1.38 | 3408 | 1.14 | 266953 | 89.42 | 28181 | 9.44 |
| 7 | Argentina | 294569 | 1.36 | 5703 | 1.94 | 211702 | 71.87 | 77164 | 26.20 |
| 8 | Andhra Pradesh, India | 289829 | 1.34 | 2650 | 0.91 | 201234 | 69.43 | 85945 | 29.65 |
| 9 | Bangladesh | 276549 | 1.28 | 3657 | 1.32 | 158950 | 57.48 | 113942 | 41.20 |
| 10 | England, United Kingdom | 275200 | 1.27 | 42072 | 15.29 | 0 | 0.00 | 233128 | 84.71 |
| 11 | Metropolitana, Chile | 266162 | 1.23 | 8105 | 3.05 | 252614 | 94.91 | 5443 | 2.04 |
| 12 | Lima, Peru | 261358 | 1.21 | 11520 | 4.41 | 0 | 0.00 | 249838 | 95.59 |
| 13 | Moscow, Russia | 252374 | 1.16 | 4656 | 1.84 | 197143 | 78.12 | 50575 | 20.04 |
| 14 | Turkey | 249309 | 1.15 | 5974 | 2.40 | 230969 | 92.64 | 12366 | 4.96 |
| 15 | France | 239306 | 1.10 | 30279 | 12.65 | 71971 | 30.07 | 137056 | 57.27 |

#####

AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-08-17 :: 2020-08-17 01:02:22

#####

Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 563
 Unique number of distinct geographical locations combined: 3945

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | England, United Kingdom | 275200 | 1.27 | 42072 | 15.29 | 0 | 0.00 | 233128 | 84.71 |
| 2 | France | 239306 | 1.10 | 30279 | 12.65 | 71971 | 30.07 | 137056 | 57.27 |
| 3 | Sao Paulo, Brazil | 699493 | 3.23 | 26852 | 3.84 | 487345 | 69.67 | 185296 | 26.49 |
| 4 | New York City, New York, US | 230223 | 1.06 | 23628 | 10.26 | 0 | 0.00 | 206595 | 89.74 |
| 5 | Maharashtra, India | 595865 | 2.75 | 20037 | 3.36 | 417123 | 70.00 | 158705 | 26.63 |
| 6 | Iran | 343203 | 1.58 | 19639 | 5.72 | 297486 | 86.68 | 26078 | 7.60 |
| 7 | Lombardia, Italy | 97380 | 0.45 | 16840 | 17.29 | 75163 | 77.19 | 5377 | 5.52 |
| 8 | Rio de Janeiro, Brazil | 194279 | 0.90 | 14562 | 7.50 | 174747 | 89.95 | 4970 | 2.56 |
| 9 | South Africa | 587345 | 2.71 | 11839 | 2.02 | 472377 | 80.43 | 103129 | 17.56 |
| 10 | Lima, Peru | 261358 | 1.21 | 11520 | 4.41 | 0 | 0.00 | 249838 | 95.59 |

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| | | | | | | | | | |
|----|--------------------------|--------|------|------|-------|--------|-------|-------|-------|
| 11 | Belgium | 78323 | 0.36 | 9939 | 12.69 | 17994 | 22.97 | 50390 | 64.34 |
| 12 | Ciudad de Mexico, Mexico | 86159 | 0.40 | 9800 | 11.37 | 70354 | 81.66 | 6005 | 6.97 |
| 13 | Madrid, Spain | 87967 | 0.41 | 8481 | 9.64 | 40736 | 46.31 | 38750 | 44.05 |
| 14 | Ceara, Brazil | 197619 | 0.91 | 8133 | 4.12 | 168327 | 85.18 | 21159 | 10.71 |
| 15 | Metropolitana, Chile | 266162 | 1.23 | 8105 | 3.05 | 252614 | 94.91 | 5443 | 2.04 |

#####

AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-08-17 :: 2020-08-17 01:02:22

#####

Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 563
 Unique number of distinct geographical locations combined: 3945

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|------------------------|-----------|----------------|--------|-------------|-----------|----------------|----------|-------------|
| 1 | Recovered, US | 0 | 0.00 | 0 | NaN | 1833067 | Inf | -1833067 | -Inf |
| 2 | Sao Paulo, Brazil | 699493 | 3.23 | 26852 | 3.84 | 487345 | 69.67 | 185296 | 26.49 |
| 3 | South Africa | 587345 | 2.71 | 11839 | 2.02 | 472377 | 80.43 | 103129 | 17.56 |
| 4 | Maharashtra, India | 595865 | 2.75 | 20037 | 3.36 | 417123 | 70.00 | 158705 | 26.63 |
| 5 | Unknown, Peru | 0 | 0.00 | 0 | NaN | 365367 | Inf | -365367 | -Inf |
| 6 | Iran | 343203 | 1.58 | 19639 | 5.72 | 297486 | 86.68 | 26078 | 7.60 |
| 7 | Tamil Nadu, India | 338055 | 1.56 | 5766 | 1.71 | 278270 | 82.32 | 54019 | 15.98 |
| 8 | Saudi Arabia | 298542 | 1.38 | 3408 | 1.14 | 266953 | 89.42 | 28181 | 9.44 |
| 9 | Metropolitana, Chile | 266162 | 1.23 | 8105 | 3.05 | 252614 | 94.91 | 5443 | 2.04 |
| 10 | Turkey | 249309 | 1.15 | 5974 | 2.40 | 230969 | 92.64 | 12366 | 4.96 |
| 11 | Argentina | 294569 | 1.36 | 5703 | 1.94 | 211702 | 71.87 | 77164 | 26.20 |
| 12 | Andhra Pradesh, India | 289829 | 1.34 | 2650 | 0.91 | 201234 | 69.43 | 85945 | 29.65 |
| 13 | Moscow, Russia | 252374 | 1.16 | 4656 | 1.84 | 197143 | 78.12 | 50575 | 20.04 |
| 14 | Bahia, Brazil | 216030 | 1.00 | 4406 | 2.04 | 196992 | 91.19 | 14632 | 6.77 |
| 15 | Rio de Janeiro, Brazil | 194279 | 0.90 | 14562 | 7.50 | 174747 | 89.95 | 4970 | 2.56 |

#####

AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-08-17 :: 2020-08-17 01:02:22

#####

Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 563
 Unique number of distinct geographical locations combined: 3945

| | Location | Confirmed | Perc.Confirmed | Deaths | Perc.Deaths | Recovered | Perc.Recovered | Active | Perc.Active |
|----|-----------------------------|-----------|----------------|--------|-------------|-----------|----------------|--------|-------------|
| 1 | Lima, Peru | 261358 | 1.21 | 11520 | 4.41 | 0 | 0.00 | 249838 | 95.59 |
| 2 | England, United Kingdom | 275200 | 1.27 | 42072 | 15.29 | 0 | 0.00 | 233128 | 84.71 |
| 3 | Los Angeles, California, US | 221971 | 1.02 | 5254 | 2.37 | 0 | 0.00 | 216717 | 97.63 |
| 4 | New York City, New York, US | 230223 | 1.06 | 23628 | 10.26 | 0 | 0.00 | 206595 | 89.74 |
| 5 | Sao Paulo, Brazil | 699493 | 3.23 | 26852 | 3.84 | 487345 | 69.67 | 185296 | 26.49 |
| 6 | Maharashtra, India | 595865 | 2.75 | 20037 | 3.36 | 417123 | 70.00 | 158705 | 26.63 |
| 7 | Miami-Dade, Florida, US | 145307 | 0.67 | 2057 | 1.42 | 0 | 0.00 | 143250 | 98.58 |
| 8 | France | 239306 | 1.10 | 30279 | 12.65 | 71971 | 30.07 | 137056 | 57.27 |
| 9 | Maricopa, Arizona, US | 129385 | 0.60 | 2596 | 2.01 | 0 | 0.00 | 126789 | 97.99 |
| 10 | Bangladesh | 276549 | 1.28 | 3657 | 1.32 | 158950 | 57.48 | 113942 | 41.20 |
| 11 | Cook, Illinois, US | 115960 | 0.54 | 4962 | 4.28 | 0 | 0.00 | 110998 | 95.72 |
| 12 | South Africa | 587345 | 2.71 | 11839 | 2.02 | 472377 | 80.43 | 103129 | 17.56 |

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| | | | | | | | | | |
|----|-----------------------|--------|------|------|------|--------|-------|-------|-------|
| 13 | Harris, Texas, US | 92253 | 0.43 | 1829 | 1.98 | 0 | 0.00 | 90424 | 98.02 |
| 14 | Andhra Pradesh, India | 289829 | 1.34 | 2650 | 0.91 | 201234 | 69.43 | 85945 | 29.65 |
| 15 | Karnataka, India | 226966 | 1.05 | 3947 | 1.74 | 141491 | 62.34 | 81528 | 35.92 |

| | | | | |
|--------------------|-----------|---------|-----------|--------|
| | Confirmed | Deaths | Recovered | Active |
| Totals | 21672186 | 775244 | 13676868 | NA |
| Average | 5493.58 | 196.51 | 3466.89 | NA |
| Standard Deviation | 28269.06 | 1328.16 | 36071.86 | NA |

\* Statistical estimators computed considering 3945 independent reported entries

\*\*\*\*\*
 \*\*\*\*\* OVERALL SUMMARY \*\*\*\*\*
 \*\*\*\*\*

\*\*\*\* Time Series Worldwide TOTS \*\*\*\*

| | | |
|--------------|-----------|--------------|
| ts-confirmed | ts-deaths | ts-recovered |
| 21672186 | 775244 | 13676868 |
| 3.58% | | 63.11% |

\*\*\*\* Time Series Worldwide AVGS \*\*\*\*

| | | |
|--------------|-----------|--------------|
| ts-confirmed | ts-deaths | ts-recovered |
| 81474.38 | 2914.45 | 54058.77 |
| 3.58% | | 66.35% |

\*\*\*\* Time Series Worldwide SDS \*\*\*\*

| | | |
|--------------|-----------|--------------|
| ts-confirmed | ts-deaths | ts-recovered |
| 429479.43 | 13971.71 | 246002.65 |
| 3.25% | | 57.28% |

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

\*\*\*\*\*