

Jul 30, 20 13:02

covid19-SummaryReport_2020-07-30.txt

Page 1/5

```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-07-29 :: 2020-07-30 13:02:19
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 17029155

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		4426982	26.00	70776	65869	56414	68695	77255	45746
2	Brazil		2552265	14.99	69074	40816	23284	59961	45403	33846
3	India		1581963	9.29	50294	51596	44457	49310	34975	18641
4	Russia		827509	4.86	5449	5380	5607	5830	6415	6683
5	South Africa		471123	2.77	11362	7232	7096	13104	13172	6945
6	Mexico		408449	2.40	5752	7208	4973	8438	6406	5432
7	Peru		400683	2.35	5678	5288	13756	4546	3835	2848
8	Chile		351575	2.06	1775	1877	2133	2357	2493	3394
9	United Kingdom		301455	1.77	797	547	685	769	641	403
10	Iran		298909	1.76	2636	2667	2434	2621	2500	2457
11	Spain		282641	1.66	2031	1828	6361	2615	1361	301
12	Pakistan		276288	1.62	1063	936	1176	1209	0	4133
13	Colombia		276055	1.62	8670	10284	16306	7945	8037	2803
14	Saudi Arabia		272590	1.60	1759	1897	1993	2238	2764	4387
15	Italy		246776	1.45	288	202	168	306	230	142

Global Perc. Average: 0.38 (sd: 1.97)

Global Perc. Average in top 15 : 5.08 (sd: 6.9)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-07-29 :: 2020-07-30 13:02:19
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-deaths Totals: 667011

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		150713	3.40	1403	1298	1077	1114	943	721
2	Brazil		90134	3.53	1595	921	614	1311	1322	1280
3	United Kingdom		45961	15.25	83	119	7	53	66	155
4	Mexico		45361	11.11	485	854	342	718	668	648
5	Italy		35129	14.24	6	11	5	10	20	23
6	India		34955	2.21	762	785	637	740	688	507
7	France		30108	14.39	-1	13	15	9	17	27
8	Spain		28441	10.06	5	2	2	3	3	9
9	Peru		18816	4.70	204	194	575	3887	198	173
10	Iran		16343	5.47	196	235	212	221	198	147
11	Russia		13650	1.65	167	149	85	147	167	154
12	Belgium		9836	14.61	3	11	1	4	7	15
13	Colombia		9454	3.42	380	297	508	315	215	60
14	Chile		9278	2.64	38	53	75	116	104	113

Jul 30, 20 13:02

covid19-SummaryReport_2020-07-30.txt

Page 2/5

15 Germany 9135 4.38 4 6 1 8 7 14

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-07-29 :: 2020-07-30 13:02:20
#####
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: 9948163

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Brazil		1922802	54053	22108	33728	28338	47433	30507
2	US		1389425	34062	29559	27941	22420	14763	15428
3	India		1019735	31706	36863	33598	34602	22989	13090
4	Russia		619204	8095	8860	3077	8246	8426	9195
5	Chile		324557	2225	2378	1859	2190	3216	5075
6	Mexico		314538	6396	4332	8588	5307	5313	4391
7	South Africa		297967	10654	12388	9848	7085	4898	2929
8	Peru		280044	3592	3905	4697	3699	4594	3376
9	Iran		259116	2097	1875	1931	2390	3047	2578
10	Pakistan		244883	2447	1410	3592	6608	0	2299
11	Saudi Arabia		228569	2945	2688	2613	3092	4574	3648
12	Turkey		212557	996	1092	982	1151	1087	1302
13	Italy		199031	275	163	147	214	230	1052
14	Germany		191279	568	397	259	512	400	330
15	Spain		150376	0	0	0	0	0	0

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-07-30 :: 2020-07-30 13:02:20
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 563
Unique number of distinct geographical locations combined: 3935

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Sao Paulo, Brazil	514197	3.02	22389	4.35	344501	67.00	147307	28.65
2	South Africa	471123	2.77	7497	1.59	297967	63.25	165659	35.16
3	Maharashtra, India	400651	2.35	14463	3.61	239755	59.84	146433	36.55
4	Iran	298909	1.76	16343	5.47	259116	86.69	23450	7.85
5	Saudi Arabia	272590	1.60	2816	1.03	228569	83.85	41205	15.12
6	England, United Kingdom	259722	1.53	41360	15.92	0	0.00	218362	84.08
7	Metropolitana, Chile	254354	1.49	7477	2.94	239876	94.31	7001	2.75
8	Moscow, Russia	239986	1.41	4434	1.85	176437	73.52	59115	24.63
9	Tamil Nadu, India	234114	1.37	3741	1.60	172883	73.85	57490	24.56
10	Bangladesh	232194	1.36	3035	1.31	130292	56.11	98867	42.58
11	Turkey	228924	1.34	5659	2.47	212557	92.85	10708	4.68
12	New York City, New York, US	224551	1.32	23512	10.47	0	0.00	201039	89.53

Jul 30, 20 13:02

covid19-SummaryReport_2020-07-30.txt

Page 3/5

13	Lima, Peru	211164	1.24	8892	4.21	0	0.00	202272	95.79
14	France	209211	1.23	30108	14.39	71597	34.22	107506	51.39
15	Los Angeles, California, US	183456	1.08	4518	2.46	0	0.00	178938	97.54

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-07-30 :: 2020-07-30 13:02:20

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 563
 Unique number of distinct geographical locations combined: 3935

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	259722	1.53	41360	15.92	0	0.00	218362	84.08
2	France	209211	1.23	30108	14.39	71597	34.22	107506	51.39
3	New York City, New York, US	224551	1.32	23512	10.47	0	0.00	201039	89.53
4	Sao Paulo, Brazil	514197	3.02	22389	4.35	344501	67.00	147307	28.65
5	Lombardia, Italy	96054	0.56	16802	17.49	72689	75.68	6563	6.83
6	Iran	298909	1.76	16343	5.47	259116	86.69	23450	7.85
7	Maharashtra, India	400651	2.35	14463	3.61	239755	59.84	146433	36.55
8	Rio de Janeiro, Brazil	161647	0.95	13198	8.16	138498	85.68	9951	6.16
9	Belgium	67335	0.40	9836	14.61	17491	25.98	40008	59.42
10	Lima, Peru	211164	1.24	8892	4.21	0	0.00	202272	95.79
11	Ciudad de Mexico, Mexico	71296	0.42	8828	12.38	56202	78.83	6266	8.79
12	Madrid, Spain	75110	0.44	8452	11.25	40736	54.24	25922	34.51
13	Ceara, Brazil	169072	0.99	7643	4.52	141449	83.66	19980	11.82
14	South Africa	471123	2.77	7497	1.59	297967	63.25	165659	35.16
15	Metropolitana, Chile	254354	1.49	7477	2.94	239876	94.31	7001	2.75

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-07-30 :: 2020-07-30 13:02:20

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 563
 Unique number of distinct geographical locations combined: 3935

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	1389425	Inf	-2173398	-Inf
2	Sao Paulo, Brazil	514197	3.02	22389	4.35	344501	67.00	147307	28.65
3	South Africa	471123	2.77	7497	1.59	297967	63.25	165659	35.16
4	Unknown, Peru	0	0.00	0	NaN	280044	Inf	-280044	-Inf
5	Iran	298909	1.76	16343	5.47	259116	86.69	23450	7.85
6	Metropolitana, Chile	254354	1.49	7477	2.94	239876	94.31	7001	2.75
7	Maharashtra, India	400651	2.35	14463	3.61	239755	59.84	146433	36.55
8	Saudi Arabia	272590	1.60	2816	1.03	228569	83.85	41205	15.12
9	Turkey	228924	1.34	5659	2.47	212557	92.85	10708	4.68
10	Moscow, Russia	239986	1.41	4434	1.85	176437	73.52	59115	24.63
11	Tamil Nadu, India	234114	1.37	3741	1.60	172883	73.85	57490	24.56
12	Ceara, Brazil	169072	0.99	7643	4.52	141449	83.66	19980	11.82
13	Bahia, Brazil	157334	0.92	3321	2.11	140136	89.07	13877	8.82
14	Rio de Janeiro, Brazil	161647	0.95	13198	8.16	138498	85.68	9951	6.16

Jul 30, 20 13:02

covid19-SummaryReport_2020-07-30.txt

Page 4/5

15	Para, Brazil	151849	0.89	5694	3.75	138373	91.13	7782	5.12						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-07-30 :: 2020-07-30 13:02:20															
#####															
Number of Countries/Regions reported: 188															
Number of Cities/Provinces reported: 563															
Unique number of distinct geographical locations combined: 3935															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	England, United Kingdom	259722	1.53	41360	15.92	0	0.00	218362	84.08						
2	Lima, Peru	211164	1.24	8892	4.21	0	0.00	202272	95.79						
3	New York City, New York, US	224551	1.32	23512	10.47	0	0.00	201039	89.53						
4	Los Angeles, California, US	183456	1.08	4518	2.46	0	0.00	178938	97.54						
5	South Africa	471123	2.77	7497	1.59	297967	63.25	165659	35.16						
6	Sao Paulo, Brazil	514197	3.02	22389	4.35	344501	67.00	147307	28.65						
7	Maharashtra, India	400651	2.35	14463	3.61	239755	59.84	146433	36.55						
8	Miami-Dade, Florida, US	113143	0.66	1455	1.29	0	0.00	111688	98.71						
9	Maricopa, Arizona, US	113148	0.66	1915	1.69	0	0.00	111233	98.31						
10	France	209211	1.23	30108	14.39	71597	34.22	107506	51.39						
11	Cook, Illinois, US	104001	0.61	4864	4.68	0	0.00	99137	95.32						
12	Bangladesh	232194	1.36	3035	1.31	130292	56.11	98867	42.58						
13	Argentina	178996	1.05	3288	1.84	77855	43.50	97853	54.67						
14	Harris, Texas, US	69123	0.41	686	0.99	0	0.00	68437	99.01						
15	Karnataka, India	112504	0.66	2147	1.91	42901	38.13	67456	59.96						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	17029155	667011	9948163	NA											
Average	4327.61	169.51	2528.12	NA											
Standard Deviation	22027.77	1221.17	26948.49	NA											
* Statistical estimators computed considering 3935 independent reported entries															

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

****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	17029155	667011	9948163												
	3.92%	58.42%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	64019.38	2507.56	39320.8												
	3.92%	61.42%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	335473.38	12147.98	172324.43												
	3.62%	51.37%													

Jul 30, 20 13:02

covid19-SummaryReport_2020-07-30.txt

Page 5/5

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