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## covid19-SummaryReport\_2020-11-20.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-11-19 :: 2020-11-20 01:02:31
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-confirmed Totals: 56898415

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		11715316	20.59	187833	170161	161934	177224	124955	62883
2	India		9004365	15.83	45882	45576	38617	44684	50356	55839
3	Brazil		5981767	10.51	35918	34091	35294	29070	41156	24818
4	France		2087176	3.67	21130	27996	45498	23620	60232	26304
5	Russia		1998966	3.51	23337	20717	22201	21717	20368	15444
6	Spain		1541574	2.71	16233	15318	13159	21371	22516	16973
7	United Kingdom		1453256	2.55	22915	19609	20051	27301	23287	26687
8	Argentina		1349434	2.37	10097	10332	10621	11859	11786	18326
9	Italy		1308528	2.30	36176	34280	32191	40902	37802	15199
10	Colombia		1225490	2.15	7487	6875	5911	8685	9756	7561
11	Mexico		1019543	1.79	4472	3918	1757	5558	5931	6845
12	Peru		939931	1.65	0	1663	1257	2231	0	3242
13	Germany		891525	1.57	24041	23727	26231	22261	22820	12331
14	Iran		815117	1.43	13223	13421	13352	11737	8864	5616
15	Poland		796798	1.40	23975	19883	19152	24051	27086	10040

Global Perc. Average: 0.37 (sd: 1.76)

Global Perc. Average in top 15 : 4.94 (sd: 5.9)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-11-19 :: 2020-11-20 01:02:31
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-deaths Totals: 1360381

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		252535	2.16	2015	1848	1707	1138	1130	1117
2	Brazil		168061	2.81	606	756	685	456	909	566
3	India		132162	1.47	584	585	474	520	577	702
4	Mexico		100104	9.82	576	502	165	568	551	522
5	United Kingdom		53775	3.70	501	529	598	376	355	191
6	Italy		47870	3.66	653	753	731	550	446	127
7	France		46795	2.24	429	420	1215	932	827	141
8	Iran		43417	5.33	476	480	482	461	424	312
9	Spain		42291	2.74	252	351	435	308	347	156
10	Argentina		36532	2.71	185	241	379	263	370	419
11	Peru		35317	3.76	0	46	40	36	0	55
12	Colombia		34761	2.84	198	182	158	178	196	192
13	Russia		34525	1.73	457	449	435	401	369	313
14	South Africa		20671	2.72	115	124	118	77	72	85

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15 Indonesia 15600 3.23 97 110 97 104 94 123

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-11-19 :: 2020-11-20 01:02:32
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 256
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Worldwide ts-recovered Totals: 36519821

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		8428409	44807	48493	44739	47992	53920	79415
2	Brazil		5406066	22681	25086	22801	20355	39994	0
3	US		4410709	59920	57149	48829	43890	29040	28206
4	Russia		1514945	25052	24842	21658	18388	16747	10803
5	Argentina		1167514	11040	7641	8637	10297	12100	10873
6	Colombia		1132393	7209	6282	7035	7649	9097	8164
7	Peru		871534	4228	0	1958	2815	0	0
8	Mexico		766361	4336	4074	3751	5143	3493	3303
9	South Africa		702544	1010	4714	1324	1274	4014	2138
10	Iran		583704	6721	6209	6075	5076	4665	4033
11	Germany		570961	16689	16925	15034	13705	11193	4430
12	Chile		511874	1108	1365	1334	1065	1053	626
13	Italy		498987	17020	24169	15434	11480	10586	2369
14	Iraq		457490	2314	2151	3460	2628	3060	2876
15	Indonesia		406612	4265	3711	3193	3010	3563	3856

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-11-20 :: 2020-11-20 01:02:32
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Number of Countries/Regions reported: 191  
Number of Cities/Provinces reported: 571  
Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2087176	3.68	46795	2.24	126342	6.05	1914039	91.70
2	Maharashtra, India	1763055	3.11	46356	2.63	1635971	92.79	80728	4.58
3	Argentina	1349434	2.38	36532	2.71	1167514	86.52	145388	10.77
4	England, United Kingdom	1249431	2.20	47140	3.77	0	0.00	1202291	96.23
5	Sao Paulo, Brazil	1191290	2.10	41074	3.45	1076073	90.33	74143	6.22
6	Karnataka, India	867780	1.53	11604	1.34	830988	95.76	25188	2.90
7	Andhra Pradesh, India	858711	1.51	6910	0.80	835801	97.33	16000	1.86
8	Iran	815117	1.44	43417	5.33	583704	71.61	187996	23.06
9	Poland	796798	1.40	12088	1.52	361886	45.42	422824	53.07
10	Tamil Nadu, India	764989	1.35	11550	1.51	739532	96.67	13907	1.82
11	South Africa	759658	1.34	20671	2.72	702544	92.48	36443	4.80
12	Kerala, India	545641	0.96	1969	0.36	475320	87.11	68352	12.53

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13	Moscow, Russia	533068	0.94	8082	1.52	388416	72.86	136570	25.62
14	Iraq	529226	0.93	11834	2.24	457490	86.45	59902	11.32
15	Uttar Pradesh, India	519148	0.91	7480	1.44	488911	94.18	22757	4.38

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-20 :: 2020-11-20 01:02:32

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Number of Countries/Regions reported: 191  
 Number of Cities/Provinces reported: 571  
 Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	1249431	2.20	47140	3.77	0	0.00	1202291	96.23
2	France	2087176	3.68	46795	2.24	126342	6.05	1914039	91.70
3	Maharashtra, India	1763055	3.11	46356	2.63	1635971	92.79	80728	4.58
4	Iran	815117	1.44	43417	5.33	583704	71.61	187996	23.06
5	Sao Paulo, Brazil	1191290	2.10	41074	3.45	1076073	90.33	74143	6.22
6	Argentina	1349434	2.38	36532	2.71	1167514	86.52	145388	10.77
7	Rio de Janeiro, Brazil	334514	0.59	21806	6.52	306463	91.61	6245	1.87
8	South Africa	759658	1.34	20671	2.72	702544	92.48	36443	4.80
9	Lombardia, Italy	348442	0.61	20015	5.74	172847	49.61	155580	44.65
10	Lima, Peru	421470	0.74	15862	3.76	0	0.00	405608	96.24
11	Indonesia	483518	0.85	15600	3.23	406612	84.09	61306	12.68
12	Mexico, Mexico	104068	0.18	14982	14.40	0	0.00	89086	85.60
13	Ecuador	183246	0.32	13073	7.13	160639	87.66	9534	5.20
14	Ciudad de Mexico, Mexico	183253	0.32	12836	7.00	0	0.00	170417	93.00
15	Poland	796798	1.40	12088	1.52	361886	45.42	422824	53.07

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-20 :: 2020-11-20 01:02:32

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Number of Countries/Regions reported: 191  
 Number of Cities/Provinces reported: 571  
 Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1763055	3.11	46356	2.63	1635971	92.79	80728	4.58
2	Argentina	1349434	2.38	36532	2.71	1167514	86.52	145388	10.77
3	Sao Paulo, Brazil	1191290	2.10	41074	3.45	1076073	90.33	74143	6.22
4	Andhra Pradesh, India	858711	1.51	6910	0.80	835801	97.33	16000	1.86
5	Karnataka, India	867780	1.53	11604	1.34	830988	95.76	25188	2.90
6	Tamil Nadu, India	764989	1.35	11550	1.51	739532	96.67	13907	1.82
7	South Africa	759658	1.34	20671	2.72	702544	92.48	36443	4.80
8	Iran	815117	1.44	43417	5.33	583704	71.61	187996	23.06
9	Uttar Pradesh, India	519148	0.91	7480	1.44	488911	94.18	22757	4.38
10	Kerala, India	545641	0.96	1969	0.36	475320	87.11	68352	12.53
11	Delhi, India	510630	0.90	8041	1.57	459368	89.96	43221	8.46
12	Iraq	529226	0.93	11834	2.24	457490	86.45	59902	11.32
13	West Bengal, India	445505	0.78	7873	1.77	411759	92.43	25873	5.81
14	Indonesia	483518	0.85	15600	3.23	406612	84.09	61306	12.68

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15	Moscow, Russia	533068	0.94	8082	1.52	388416	72.86	136570	25.62						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-11-20 :: 2020-11-20 01:02:32															
#####															
Number of Countries/Regions reported: 191															
Number of Cities/Provinces reported: 571															
Unique number of distinct geographical locations combined: 3964															
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	France	2087176	3.68	46795	2.24	126342	6.05	1914039	91.70						
2	England, United Kingdom	1249431	2.20	47140	3.77	0	0.00	1202291	96.23						
3	Poland	796798	1.40	12088	1.52	361886	45.42	422824	53.07						
4	Lima, Peru	421470	0.74	15862	3.76	0	0.00	405608	96.24						
5	Los Angeles, California, US	353232	0.62	7363	2.08	0	0.00	345869	97.92						
6	Madrid, Spain	337999	0.60	11181	3.31	40736	12.05	286082	84.64						
7	Cook, Illinois, US	268284	0.47	6148	2.29	0	0.00	262136	97.71						
8	Catalonia, Spain	290182	0.51	7450	2.57	26203	9.03	256529	88.40						
9	Miami-Dade, Florida, US	209166	0.37	3738	1.79	0	0.00	205428	98.21						
10	Andalusia, Spain	208674	0.37	3472	1.66	10671	5.11	194531	93.22						
11	Iran	815117	1.44	43417	5.33	583704	71.61	187996	23.06						
12	Maricopa, Arizona, US	183177	0.32	3850	2.10	0	0.00	179327	97.90						
13	Harris, Texas, US	178811	0.31	2943	1.65	0	0.00	175868	98.35						
14	Ciudad de Mexico, Mexico	183253	0.32	12836	7.00	0	0.00	170417	93.00						
15	Lombardia, Italy	348442	0.61	20015	5.74	172847	49.61	155580	44.65						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	56767869	1342199	30352230	NA											
Average	14320.85	338.6	7656.97	NA											
Standard Deviation	76020.91	2076.42	56037.35	NA											
* Statistical estimators computed considering 3964 independent reported entries															
*****															
***** OVERALL SUMMARY*****															
*****															
****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	56898415	1360381	36519821												
	2.39%	64.18%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	211518.27	5057.18	142655.55												
	2.39%	67.44%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	1000929.63	22154.42	699034.38												
	2.21%	69.84%													

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\* Statistical estimators computed considering 269/269/256 independent reported entries per case-type  
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