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## covid19-SummaryReport\_2020-12-17.txt

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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-16 :: 2020-12-17 01:02:35
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 74210350

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		16964180	22.86	247403	198357	192805	226085	219617	162035
2	India		9956557	13.42	24010	26382	22065	29373	36595	38617
3	Brazil		7040608	9.49	70574	42889	25193	53347	50434	35294
4	Russia		2708940	3.65	26074	26265	26902	27562	27829	22201
5	France		2407983	3.24	17564	11128	3063	13294	12570	45210
6	Turkey		1928165	2.60	29718	32102	29617	823225	32381	3819
7	United Kingdom		1913277	2.58	25161	18450	20263	20964	14878	20051
8	Italy		1888144	2.54	17568	14839	12025	16998	23219	32191
9	Spain		1773290	2.39	11078	10328	21309	7955	10127	13159
10	Argentina		1517046	2.04	6843	6981	5062	6994	7629	10621
11	Colombia		1456599	1.96	11953	10130	8742	7778	9233	5911
12	Germany		1423830	1.92	32744	33825	6451	32734	23591	26231
13	Mexico		1277499	1.72	10297	11228	5930	11897	11030	1757
14	Poland		1159901	1.56	12455	6874	4896	13750	14863	19152
15	Iran		1131077	1.52	7603	7704	7501	10403	13922	13352

Global Perc. Average: 0.37 (sd: 1.76)

Global Perc. Average in top 15 : 4.9 (sd: 5.98)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-12-16 :: 2020-12-17 01:02:36
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1648956

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		307429	1.81	3656	3019	1523	2743	2876	1697
2	Brazil		183735	2.61	936	964	433	770	755	685
3	India		144451	1.45	355	387	354	413	540	474
4	Mexico		115769	9.06	670	801	345	671	608	165
5	Italy		66537	3.52	680	846	491	887	993	731
6	United Kingdom		65520	3.42	612	506	232	516	414	598
7	France		59001	2.45	289	787	371	290	323	1217
8	Iran		52883	4.68	213	223	251	284	358	482
9	Spain		48596	2.74	195	388	389	325	254	435
10	Russia		47994	1.77	584	564	442	549	543	435
11	Argentina		41365	2.73	161	163	275	209	149	379
12	Colombia		39560	2.72	204	161	142	176	188	158
13	Peru		36754	3.73	0	77	133	98	110	40
14	Germany		24273	1.70	729	910	528	604	438	305

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15 Poland 23914 2.06 605 349 96 470 620 357

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-16 :: 2020-12-17 01:02:36
#####
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: 41977327

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		9489740	33291	33813	34477	37503	42916	44739
2	Brazil		6239192	32709	48434	19700	77101	33245	22801
3	Russia		2155842	26036	24392	18527	25427	29084	21658
4	Turkey		1691113	29922	29247	28164	5232	4190	2688
5	Argentina		1347914	3614	4180	4803	6699	6317	8637
6	Colombia		1336166	7736	6961	6633	8823	7480	7035
7	Italy		1175901	34495	25789	22456	30099	23474	15434
8	Germany		1056477	24756	19644	21370	20641	21527	15034
9	Mexico		945673	7584	10335	9073	6962	6664	3751
10	Peru		924120	3814	1954	2017	1388	2235	1958
11	Poland		892650	12902	10593	10260	23878	23580	18260
12	Iran		844430	11154	10045	10961	12528	11261	6075
13	South Africa		774585	9608	2231	1735	2013	5062	1324
14	Ukraine		555675	13003	16571	5189	14353	15790	7183
15	Chile		549852	1662	1652	1706	1117	969	1334

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-17 :: 2020-12-17 01:02:37
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Number of Countries/Regions reported: 191  
Number of Cities/Provinces reported: 574  
Unique number of distinct geographical locations combined: 3966

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2407983	3.25	59001	2.45	156975	6.52	2192007	91.03
2	Turkey	1928165	2.60	17121	0.89	1691113	87.71	219931	11.41
3	Maharashtra, India	1886807	2.54	48434	2.57	1769897	93.80	68476	3.63
4	England, United Kingdom	1642110	2.21	57284	3.49	0	0.00	1584826	96.51
5	Argentina	1517046	2.04	41365	2.73	1347914	88.85	127767	8.42
6	Sao Paulo, Brazil	1341428	1.81	44282	3.30	1189305	88.66	107841	8.04
7	Poland	1159901	1.56	23914	2.06	892650	76.96	243337	20.98
8	Iran	1131077	1.52	52883	4.68	844430	74.66	233764	20.67
9	Karnataka, India	904665	1.22	11971	1.32	877199	96.96	15495	1.71
10	South Africa	883687	1.19	23827	2.70	774585	87.65	85275	9.65
11	Andhra Pradesh, India	876814	1.18	7067	0.81	865327	98.69	4420	0.50
12	Tamil Nadu, India	802342	1.08	11931	1.49	780531	97.28	9880	1.23

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13	Moscow, Russia	708530	0.95	10095	1.42	545430	76.98	153005	21.59
14	Kerala, India	683440	0.92	2707	0.40	622394	91.07	58339	8.54
15	Indonesia	636154	0.86	19248	3.03	521984	82.05	94922	14.92

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-17 :: 2020-12-17 01:02:37

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Number of Countries/Regions reported: 191  
 Number of Cities/Provinces reported: 574  
 Unique number of distinct geographical locations combined: 3966

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2407983	3.25	59001	2.45	156975	6.52	2192007	91.03
2	England, United Kingdom	1642110	2.21	57284	3.49	0	0.00	1584826	96.51
3	Iran	1131077	1.52	52883	4.68	844430	74.66	233764	20.67
4	Maharashtra, India	1886807	2.54	48434	2.57	1769897	93.80	68476	3.63
5	Sao Paulo, Brazil	1341428	1.81	44282	3.30	1189305	88.66	107841	8.04
6	Argentina	1517046	2.04	41365	2.73	1347914	88.85	127767	8.42
7	Rio de Janeiro, Brazil	395386	0.53	24109	6.10	364580	92.21	6697	1.69
8	Lombardia, Italy	450005	0.61	24097	5.35	356175	79.15	69733	15.50
9	Poland	1159901	1.56	23914	2.06	892650	76.96	243337	20.98
10	South Africa	883687	1.19	23827	2.70	774585	87.65	85275	9.65
11	Indonesia	636154	0.86	19248	3.03	521984	82.05	94922	14.92
12	Turkey	1928165	2.60	17121	0.89	1691113	87.71	219931	11.41
13	Mexico, Mexico	128747	0.17	17095	13.28	0	0.00	111652	86.72
14	Lima, Peru	438143	0.59	16435	3.75	0	0.00	421708	96.25
15	Ciudad de Mexico, Mexico	273444	0.37	14969	5.47	0	0.00	258475	94.53

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-17 :: 2020-12-17 01:02:37

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Number of Countries/Regions reported: 191  
 Number of Cities/Provinces reported: 574  
 Unique number of distinct geographical locations combined: 3966

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1886807	2.54	48434	2.57	1769897	93.80	68476	3.63
2	Turkey	1928165	2.60	17121	0.89	1691113	87.71	219931	11.41
3	Argentina	1517046	2.04	41365	2.73	1347914	88.85	127767	8.42
4	Sao Paulo, Brazil	1341428	1.81	44282	3.30	1189305	88.66	107841	8.04
5	Poland	1159901	1.56	23914	2.06	892650	76.96	243337	20.98
6	Karnataka, India	904665	1.22	11971	1.32	877199	96.96	15495	1.71
7	Andhra Pradesh, India	876814	1.18	7067	0.81	865327	98.69	4420	0.50
8	Iran	1131077	1.52	52883	4.68	844430	74.66	233764	20.67
9	Tamil Nadu, India	802342	1.08	11931	1.49	780531	97.28	9880	1.23
10	South Africa	883687	1.19	23827	2.70	774585	87.65	85275	9.65
11	Kerala, India	683440	0.92	2707	0.40	622394	91.07	58339	8.54
12	Delhi, India	611994	0.82	10147	1.66	588586	96.18	13261	2.17
13	Moscow, Russia	708530	0.95	10095	1.42	545430	76.98	153005	21.59
14	Uttar Pradesh, India	569263	0.77	8118	1.43	543344	95.45	17801	3.13

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15	Indonesia	636154	0.86	19248	3.03	521984	82.05	94922	14.92						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-17 :: 2020-12-17 01:02:37															
#####															
Number of Countries/Regions reported: 191															
Number of Cities/Provinces reported: 574															
Unique number of distinct geographical locations combined: 3966															
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	France	2407983	3.25	59001	2.45	156975	6.52	2192007	91.03						
2	England, United Kingdom	1642110	2.21	57284	3.49	0	0.00	1584826	96.51						
3	Los Angeles, California, US	566005	0.76	8568	1.51	0	0.00	557437	98.49						
4	Lima, Peru	438143	0.59	16435	3.75	0	0.00	421708	96.25						
5	Cook, Illinois, US	360117	0.49	7505	2.08	0	0.00	352612	97.92						
6	Madrid, Spain	369522	0.50	11619	3.14	40736	11.02	317167	85.83						
7	Catalonia, Spain	324940	0.44	8475	2.61	26203	8.06	290262	89.33						
8	Serbia	282601	0.38	2482	0.88	0	0.00	280119	99.12						
9	Maricopa, Arizona, US	266196	0.36	4447	1.67	0	0.00	261749	98.33						
10	Miami-Dade, Florida, US	264673	0.36	4017	1.52	0	0.00	260656	98.48						
11	Ciudad de Mexico, Mexico	273444	0.37	14969	5.47	0	0.00	258475	94.53						
12	Poland	1159901	1.56	23914	2.06	892650	76.96	243337	20.98						
13	Andalusia, Spain	249714	0.34	4656	1.86	10671	4.27	234387	93.86						
14	Iran	1131077	1.52	52883	4.68	844430	74.66	233764	20.67						
15	Turkey	1928165	2.60	17121	0.89	1691113	87.71	219931	11.41						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	74199930	1629945	40107530	NA											
Average	18709.01	410.98	10112.84	NA											
Standard Deviation	94703.54	2435.61	71274.73	NA											
* Statistical estimators computed considering 3966 independent reported entries															
*****															
***** OVERALL SUMMARY*****															
*****															
****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	74210350	1648956	41977327												
	2.22%	56.57%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	273838.93	6084.71	163973.93												
	2.22%	59.88%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	1308231.77	25948.66	749458.06												
	1.98%	57.29%													

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\* Statistical estimators computed considering 271/271/256 independent reported entries per case-type  
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