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## covid19-SummaryReport\_2020-12-20.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-19 :: 2020-12-20 13:02:48
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 76289042

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		17655591	23.14	196295	249709	236211	191142	180744	196450
2	India		10031223	13.15	26624	25152	22890	27071	32981	46232
3	Brazil		7213155	9.46	50177	52544	69826	21825	26363	38397
4	Russia		2792615	3.66	27772	28116	27787	27651	28701	24059
5	France		2458839	3.22	17102	15674	18080	25435	10949	22862
6	Turkey		2004285	2.63	22195	26410	27515	26919	30402	5103
7	United Kingdom		2004219	2.63	27052	28507	35383	18447	17271	20252
8	Italy		1938083	2.54	16305	15401	18233	17937	18887	37239
9	Spain		1797236	2.36	0	11815	12131	0	0	15156
10	Argentina		1537169	2.01	5795	7002	7326	3558	3278	9608
11	Germany		1508518	1.98	21679	32830	30179	14709	10910	22593
12	Colombia		1496062	1.96	13990	13277	12196	8702	8854	7954
13	Mexico		1313675	1.72	12129	12248	11799	8608	7455	6426
14	Poland		1194110	1.57	11246	11010	11953	8976	9176	22464
15	Iran		1152072	1.51	6421	7121	7453	7451	11561	13260

Global Perc. Average: 0.37 (sd: 1.77)

Global Perc. Average in top 15 : 4.9 (sd: 6.01)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-12-19 :: 2020-12-20 13:02:48
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1685526

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		316159	1.79	2571	2814	3345	1389	1122	1896
2	Brazil		186356	2.58	706	823	1092	279	313	552
3	India		145477	1.45	341	347	338	336	391	564
4	Mexico		117876	8.97	627	762	718	249	261	719
5	Italy		68447	3.53	553	674	683	484	564	699
6	United Kingdom		67075	3.35	534	489	532	144	231	511
7	France		60056	2.44	187	610	258	344	174	1138
8	Iran		53448	4.64	175	178	212	247	294	479
9	Russia		49744	1.78	574	602	574	481	447	455
10	Spain		48926	2.72	0	149	181	0	0	328
11	Argentina		41763	2.72	91	138	169	98	138	258
12	Colombia		40268	2.69	249	232	227	187	175	168
13	Peru		36858	3.73	0	0	104	0	36	129
14	Germany		26171	1.73	417	727	754	206	150	256

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15 Poland 25254 2.11 483 426 431 188 228 626

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-19 :: 2020-12-20 13:02:49
#####
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: 43023052

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		9580402	29690	29885	31087	30695	39109	49715
2	Brazil		6388938	65983	21408	62355	60062	1819	24830
3	Russia		2233060	25662	25702	25854	20177	21270	24407
4	Turkey		1779068	25516	31945	30494	22215	4011	3019
5	Argentina		1362617	5862	4199	4642	5157	5907	10305
6	Colombia		1362543	8522	10202	7653	4411	7708	6188
7	Italy		1249470	23384	22272	27913	16270	17186	21035
8	Germany		1107115	11133	17038	22467	14776	15705	16819
9	Mexico		971115	8718	8635	8089	6716	6543	4367
10	Peru		930410	2191	4099	0	0	3696	0
11	Poland		927723	12147	12227	10699	18354	18810	19914
12	Iran		875943	10469	8961	12083	11417	11090	5321
13	South Africa		787782	3964	3505	5728	893	482	4496
14	Ukraine		596218	13761	13257	13525	7663	6120	8196
15	Chile		554333	2044	1089	1348	1746	1539	1053

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-20 :: 2020-12-20 13:02:49
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Number of Countries/Regions reported: 189  
Number of Cities/Provinces reported: 575  
Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2458839	3.22	60056	2.44	160053	6.51	2238730	91.05
2	Turkey	2004285	2.63	17851	0.89	1779068	88.76	207366	10.35
3	Maharashtra, India	1892707	2.48	48648	2.57	1781841	94.14	62218	3.29
4	England, United Kingdom	1711738	2.24	58566	3.42	0	0.00	1653172	96.58
5	Argentina	1537169	2.02	41763	2.72	1362617	88.64	132789	8.64
6	Sao Paulo, Brazil	1384100	1.81	45029	3.25	1196775	86.47	142296	10.28
7	Poland	1194110	1.57	25254	2.11	927723	77.69	241133	20.19
8	Iran	1152072	1.51	53448	4.64	875943	76.03	222681	19.33
9	South Africa	912477	1.20	24539	2.69	787782	86.33	100156	10.98
10	Karnataka, India	908275	1.19	12004	1.32	881882	97.09	14389	1.58
11	Andhra Pradesh, India	878285	1.15	7074	0.81	866856	98.70	4355	0.50
12	Tamil Nadu, India	805777	1.06	11968	1.49	784117	97.31	9692	1.20

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13	Moscow, Russia	728637	0.96	10317	1.42	562953	77.26	155367	21.32
14	Kerala, India	700158	0.92	2786	0.40	636814	90.95	60558	8.65
15	Indonesia	657948	0.86	19659	2.99	536260	81.50	102029	15.51

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-20 :: 2020-12-20 13:02:49

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Number of Countries/Regions reported: 189  
 Number of Cities/Provinces reported: 575  
 Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2458839	3.22	60056	2.44	160053	6.51	2238730	91.05
2	England, United Kingdom	1711738	2.24	58566	3.42	0	0.00	1653172	96.58
3	Iran	1152072	1.51	53448	4.64	875943	76.03	222681	19.33
4	Maharashtra, India	1892707	2.48	48648	2.57	1781841	94.14	62218	3.29
5	Sao Paulo, Brazil	1384100	1.81	45029	3.25	1196775	86.47	142296	10.28
6	Argentina	1537169	2.02	41763	2.72	1362617	88.64	132789	8.64
7	Poland	1194110	1.57	25254	2.11	927723	77.69	241133	20.19
8	South Africa	912477	1.20	24539	2.69	787782	86.33	100156	10.98
9	Rio de Janeiro, Brazil	403660	0.53	24454	6.06	372768	92.35	6438	1.59
10	Lombardia, Italy	457423	0.60	24330	5.32	365440	79.89	67653	14.79
11	Indonesia	657948	0.86	19659	2.99	536260	81.50	102029	15.51
12	Turkey	2004285	2.63	17851	0.89	1779068	88.76	207366	10.35
13	Mexico, Mexico	132641	0.17	17506	13.20	0	0.00	115135	86.80
14	Lima, Peru	439254	0.58	16484	3.75	0	0.00	422770	96.25
15	Ciudad de Mexico, Mexico	287682	0.38	15336	5.33	0	0.00	272346	94.67

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-20 :: 2020-12-20 13:02:49

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Number of Countries/Regions reported: 189  
 Number of Cities/Provinces reported: 575  
 Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1892707	2.48	48648	2.57	1781841	94.14	62218	3.29
2	Turkey	2004285	2.63	17851	0.89	1779068	88.76	207366	10.35
3	Argentina	1537169	2.02	41763	2.72	1362617	88.64	132789	8.64
4	Sao Paulo, Brazil	1384100	1.81	45029	3.25	1196775	86.47	142296	10.28
5	Poland	1194110	1.57	25254	2.11	927723	77.69	241133	20.19
6	Karnataka, India	908275	1.19	12004	1.32	881882	97.09	14389	1.58
7	Iran	1152072	1.51	53448	4.64	875943	76.03	222681	19.33
8	Andhra Pradesh, India	878285	1.15	7074	0.81	866856	98.70	4355	0.50
9	South Africa	912477	1.20	24539	2.69	787782	86.33	100156	10.98
10	Tamil Nadu, India	805777	1.06	11968	1.49	784117	97.31	9692	1.20
11	Kerala, India	700158	0.92	2786	0.40	636814	90.95	60558	8.65
12	Delhi, India	615914	0.81	10251	1.66	595305	96.65	10358	1.68
13	Moscow, Russia	728637	0.96	10317	1.42	562953	77.26	155367	21.32
14	Uttar Pradesh, India	573401	0.75	8177	1.43	547631	95.51	17593	3.07

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15	Indonesia	657948	0.86	19659	2.99	536260	81.50	102029	15.51						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-20 :: 2020-12-20 13:02:49															
#####															
Number of Countries/Regions reported: 189															
Number of Cities/Provinces reported: 575															
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	2458839	3.22	60056	2.44	160053	6.51	2238730	91.05						
2	England, United Kingdom	1711738	2.24	58566	3.42	0	0.00	1653172	96.58						
3	Los Angeles, California, US	610372	0.80	8817	1.44	0	0.00	601555	98.56						
4	Lima, Peru	439254	0.58	16484	3.75	0	0.00	422770	96.25						
5	Cook, Illinois, US	368824	0.48	7681	2.08	0	0.00	361143	97.92						
6	Madrid, Spain	374114	0.49	11637	3.11	40736	10.89	321741	86.00						
7	Catalonia, Spain	329175	0.43	8511	2.59	26203	7.96	294461	89.45						
8	Serbia	296528	0.39	2632	0.89	0	0.00	293896	99.11						
9	Maricopa, Arizona, US	277071	0.36	4661	1.68	0	0.00	272410	98.32						
10	Ciudad de Mexico, Mexico	287682	0.38	15336	5.33	0	0.00	272346	94.67						
11	Miami-Dade, Florida, US	272098	0.36	4050	1.49	0	0.00	268048	98.51						
12	Poland	1194110	1.57	25254	2.11	927723	77.69	241133	20.19						
13	Andalusia, Spain	252256	0.33	4723	1.87	10671	4.23	236862	93.90						
14	Iran	1152072	1.51	53448	4.64	875943	76.03	222681	19.33						
15	Harris, Texas, US	217086	0.28	3233	1.49	0	0.00	213853	98.51						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	76266305	1666033	41116713	NA											
Average	19239.73	420.29	10372.53	NA											
Standard Deviation	96955	2477.17	72826.17	NA											
* Statistical estimators computed considering 3964 independent reported entries															
*****															
***** OVERALL SUMMARY*****															
*****															
****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	76289042	1685526	43023052												
	2.21%	56.39%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	281509.38	6219.65	168058.8												
	2.21%	59.7%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	1349265.27	26517.79	761707.84												
	1.97%	56.45%													

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