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## covid19-SummaryReport\_2020-12-31.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-30 :: 2020-12-31 13:02:36
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 82707976

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		19740468	23.87	229042	202145	166678	198859	237020	184079
2	India		10266674	12.41	21822	20549	16432	23067	22890	36604
3	Brazil		7619200	9.21	55649	58718	20548	58428	69826	50909
4	Russia		3100018	3.75	26095	26588	27363	29499	27787	26126
5	France		2597124	3.14	26357	11192	2954	21541	18080	7951
6	United Kingdom		2432888	2.94	50023	53135	41385	39036	35383	13429
7	Turkey		2194272	2.65	15692	15805	15197	18102	27515	30110
8	Italy		2083689	2.52	16202	11210	8581	18039	18233	19347
9	Spain		1910218	2.31	16716	14089	24462	12662	12131	8257
10	Germany		1741153	2.11	49044	19466	14004	26467	30179	24766
11	Colombia		1626461	1.97	11639	11015	9310	14940	12196	7986
12	Argentina		1613928	1.95	11765	11650	7216	0	7326	8037
13	Mexico		1413935	1.71	12406	12099	5996	12485	11799	8819
14	Poland		1281414	1.55	12780	7624	3211	13115	11953	9113
15	Iran		1218753	1.47	6272	6108	5908	6178	7453	13881

Global Perc. Average: 0.37 (sd: 1.78)

Global Perc. Average in top 15 : 4.9 (sd: 6.09)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-12-30 :: 2020-12-31 13:02:37
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1805002

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		342312	1.73	3744	3732	1718	2899	3346	2588
2	Brazil		193875	2.54	1194	1111	431	762	1092	697
3	India		148738	1.45	299	286	252	336	338	501
4	Mexico		124897	8.83	1052	990	429	861	718	825
5	Italy		73604	3.53	575	659	445	505	683	785
6	United Kingdom		72548	2.98	981	458	357	574	532	603
7	France		64016	2.46	303	968	363	290	258	775
8	Russia		55692	1.80	585	548	479	624	574	559
9	Iran		55095	4.52	149	132	121	152	212	382
10	Spain		50689	2.65	247	320	298	126	181	442
11	Argentina		43163	2.67	145	150	218	0	169	198
12	Colombia		42909	2.64	289	246	203	280	227	168
13	Peru		37574	3.72	49	51	106	0	104	43
14	Germany		33230	1.91	963	1122	848	421	754	483

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15 South Africa 28033 2.70 465 497 336 326 184 109

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-30 :: 2020-12-31 13:02:37
#####
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: 46731540

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		9860280	26139	26572	24900	24661	31087	43062
2	Brazil		6814092	59981	41354	35522	0	62355	114503
3	Russia		2499465	28682	24371	20318	26338	25854	24469
4	Turkey		2078629	20192	21004	22203	33985	30494	4593
5	Colombia		1497180	14163	13976	13066	13148	7653	7158
6	Italy		1445690	19960	17044	14675	22718	27913	27088
7	Argentina		1426676	5791	6205	6754	0	4642	6024
8	Germany		1345952	26195	24825	22900	22805	22467	20161
9	Mexico		1066771	8342	9890	9773	10008	8089	6231
10	Poland		1025889	11884	8629	5766	10698	10699	20075
11	Iran		978714	9306	8657	8891	10491	12083	9812
12	Peru		951318	1927	1964	3790	2159	0	0
13	South Africa		867597	9141	8482	5100	11606	5728	1289
14	Ukraine		724143	16908	16609	7353	16327	13525	10317
15	Indonesia		603741	6958	6805	6302	5277	4995	4361

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-31 :: 2020-12-31 13:02:37
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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	2597124	3.14	64016	2.46	169250	6.52	2363858	91.02
2	Turkey	2194272	2.66	20642	0.94	2078629	94.73	95001	4.33
3	England, United Kingdom	2090446	2.53	63298	3.03	0	0.00	2027148	96.97
4	Maharashtra, India	1928603	2.33	49463	2.56	1824934	94.62	54206	2.81
5	Argentina	1613928	1.95	43163	2.67	1426676	88.40	144089	8.93
6	Sao Paulo, Brazil	1452078	1.76	46477	3.20	1278967	88.08	126634	8.72
7	Poland	1281414	1.55	28019	2.19	1025889	80.06	227506	17.75
8	Iran	1218753	1.47	55095	4.52	978714	80.30	184944	15.17
9	South Africa	1039161	1.26	28033	2.70	867597	83.49	143531	13.81
10	Karnataka, India	918544	1.11	12081	1.32	894834	97.42	11629	1.27
11	Andhra Pradesh, India	881948	1.07	7104	0.81	871588	98.83	3256	0.37
12	Tamil Nadu, India	817077	0.99	12109	1.48	796353	97.46	8615	1.05

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13	Moscow, Russia	803203	0.97	11136	1.39	621292	77.35	170775	21.26
14	Los Angeles, California, US	756116	0.92	10056	1.33	0	0.00	746060	98.67
15	Kerala, India	755718	0.91	3042	0.40	687104	90.92	65572	8.68

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-31 :: 2020-12-31 13:02:37

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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	2597124	3.14	64016	2.46	169250	6.52	2363858	91.02
2	England, United Kingdom	2090446	2.53	63298	3.03	0	0.00	2027148	96.97
3	Iran	1218753	1.47	55095	4.52	978714	80.30	184944	15.17
4	Maharashtra, India	1928603	2.33	49463	2.56	1824934	94.62	54206	2.81
5	Sao Paulo, Brazil	1452078	1.76	46477	3.20	1278967	88.08	126634	8.72
6	Argentina	1613928	1.95	43163	2.67	1426676	88.40	144089	8.93
7	South Africa	1039161	1.26	28033	2.70	867597	83.49	143531	13.81
8	Poland	1281414	1.55	28019	2.19	1025889	80.06	227506	17.75
9	Rio de Janeiro, Brazil	428373	0.52	25303	5.91	398011	92.91	5059	1.18
10	Lombardia, Italy	475044	0.57	25038	5.27	397010	83.57	52996	11.16
11	Indonesia	735124	0.89	21944	2.99	603741	82.13	109439	14.89
12	Turkey	2194272	2.66	20642	0.94	2078629	94.73	95001	4.33
13	Mexico, Mexico	144923	0.18	18749	12.94	0	0.00	126174	87.06
14	Lima, Peru	447719	0.54	16745	3.74	0	0.00	430974	96.26
15	Ciudad de Mexico, Mexico	325364	0.39	16572	5.09	0	0.00	308792	94.91

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-31 :: 2020-12-31 13:02:37

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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	Turkey	2194272	2.66	20642	0.94	2078629	94.73	95001	4.33
2	Maharashtra, India	1928603	2.33	49463	2.56	1824934	94.62	54206	2.81
3	Argentina	1613928	1.95	43163	2.67	1426676	88.40	144089	8.93
4	Sao Paulo, Brazil	1452078	1.76	46477	3.20	1278967	88.08	126634	8.72
5	Poland	1281414	1.55	28019	2.19	1025889	80.06	227506	17.75
6	Iran	1218753	1.47	55095	4.52	978714	80.30	184944	15.17
7	Karnataka, India	918544	1.11	12081	1.32	894834	97.42	11629	1.27
8	Andhra Pradesh, India	881948	1.07	7104	0.81	871588	98.83	3256	0.37
9	South Africa	1039161	1.26	28033	2.70	867597	83.49	143531	13.81
10	Tamil Nadu, India	817077	0.99	12109	1.48	796353	97.46	8615	1.05
11	Kerala, India	755718	0.91	3042	0.40	687104	90.92	65572	8.68
12	Moscow, Russia	803203	0.97	11136	1.39	621292	77.35	170775	21.26
13	Delhi, India	624795	0.76	10523	1.68	608434	97.38	5838	0.93
14	Indonesia	735124	0.89	21944	2.99	603741	82.13	109439	14.89

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15	Czechia	701622	0.85	11429	1.63	584483	83.30	105710	15.07
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#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-31 :: 2020-12-31 13:02:37
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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	2597124	3.14	64016	2.46	169250	6.52	2363858	91.02
2	England, United Kingdom	2090446	2.53	63298	3.03	0	0.00	2027148	96.97
3	Los Angeles, California, US	756116	0.92	10056	1.33	0	0.00	746060	98.67
4	Lima, Peru	447719	0.54	16745	3.74	0	0.00	430974	96.26
5	Cook, Illinois, US	390927	0.47	8246	2.11	0	0.00	382681	97.89
6	Madrid, Spain	395298	0.48	11827	2.99	40736	10.31	342735	86.70
7	Serbia	334991	0.41	3163	0.94	0	0.00	331828	99.06
8	Catalonia, Spain	353194	0.43	8689	2.46	26203	7.42	318302	90.12
9	Maricopa, Arizona, US	314464	0.38	5051	1.61	0	0.00	309413	98.39
10	Ciudad de Mexico, Mexico	325364	0.39	16572	5.09	0	0.00	308792	94.91
11	Miami-Dade, Florida, US	295936	0.36	4169	1.41	0	0.00	291767	98.59
12	Andalusia, Spain	262639	0.32	5100	1.94	10671	4.06	246868	94.00
13	Harris, Texas, US	236673	0.29	3371	1.42	0	0.00	233302	98.58
14	Poland	1281414	1.55	28019	2.19	1025889	80.06	227506	17.75
15	Zuid-Holland, Netherlands	200391	0.24	2798	1.40	0	0.00	197593	98.60

	Confirmed	Deaths	Recovered	Active
Totals	82631573	1783145	44667486	NA
Average	20845.5	449.83	11268.29	NA
Standard Deviation	104320.83	2615.79	78460.72	NA

\* Statistical estimators computed considering 3964 independent reported entries

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*****
***** OVERALL SUMMARY*****
*****
**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
82707976 1805002 46731540
2.18% 56.5%
**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
305195.48 6660.52 182545.08
2.18% 59.81%
**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
1473547.32 28270.2 800376.77
1.92% 54.32%
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\* Statistical estimators computed considering 271/271/256 independent reported entries per case-type  
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