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## covid19-SummaryReport\_2020-12-22.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-21 :: 2020-12-22 01:02:32
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 77364641

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		18035209	23.31	190519	189099	196295	198766	219934	146462
2	India		10075116	13.02	19556	24337	26624	26382	32080	44059
3	Brazil		7263619	9.39	25019	25445	50177	42889	51088	18615
4	Russia		2850042	3.68	28917	28510	27772	26265	25752	24295
5	France		2477255	3.20	5797	12619	17102	11128	13511	13130
6	United Kingdom		2073511	2.68	33364	35928	27052	18450	12281	18662
7	Turkey		2043704	2.64	19103	20316	22195	32102	33198	6017
8	Italy		1964054	2.54	10869	15102	16305	14839	14837	28337
9	Spain		1819249	2.35	22013	0	0	10328	0	0
10	Argentina		1547138	2.00	5853	4116	5795	6981	3610	4184
11	Germany		1534218	1.98	19256	6444	21679	33825	29263	4377
12	Colombia		1518067	1.96	10845	11160	13990	10130	7510	7924
13	Mexico		1325915	1.71	5370	6870	12129	11228	11006	9187
14	Poland		1207333	1.56	4633	8590	11246	6874	8310	17856
15	Iran		1164535	1.51	6151	6312	6421	7704	11023	13053

Global Perc. Average: 0.37 (sd: 1.77)

Global Perc. Average in top 15 : 4.9 (sd: 6.04)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-12-21 :: 2020-12-22 01:02:33
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1702596

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		319364	1.77	1696	1509	2571	2984	2520	918
2	Brazil		187291	2.58	527	408	706	964	842	194
3	India		146111	1.45	301	333	341	387	402	511
4	Mexico		118598	8.94	396	326	627	801	800	303
5	Italy		69214	3.52	415	352	553	846	634	562
6	United Kingdom		67616	3.26	215	326	534	506	599	398
7	France		60537	2.44	351	130	187	787	831	214
8	Iran		53816	4.62	191	177	175	223	323	475
9	Russia		50723	1.78	481	498	574	564	552	396
10	Spain		49260	2.71	334	0	0	388	0	0
11	Argentina		41997	2.71	184	50	91	163	121	100
12	Colombia		40680	2.68	205	207	249	161	163	183
13	Peru		37103	3.72	69	176	0	77	0	0
14	Germany		27110	1.77	710	229	417	910	568	98

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15 Poland 25474 2.11 77 143 483 349 411 330

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-21 :: 2020-12-22 01:02:33
#####
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: 43637283

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		9636487	30376	25709	29690	33813	36635	41024
2	Brazil		6469310	60793	19579	65983	48434	67966	20784
3	Russia		2273510	19684	20766	25662	24392	24471	17871
4	Turkey		1834705	34419	21218	25516	29247	5245	3812
5	Colombia		1382340	9008	10789	8522	6961	10731	6009
6	Argentina		1374401	6055	5729	5862	4180	4891	8439
7	Italy		1281258	19632	12156	23384	25789	25497	13574
8	Germany		1147943	24218	16610	11133	19644	20357	10636
9	Mexico		987328	9326	6887	8718	10335	7495	8376
10	Poland		946017	7748	10546	12147	10593	16399	16896
11	Peru		932295	1885	0	2191	1954	1735	5469
12	Iran		894366	9312	9111	10469	10045	11269	7309
13	South Africa		796346	2432	6132	3964	2231	7322	2315
14	Ukraine		608120	5127	6775	13761	16571	13327	4741
15	Chile		557913	1957	1623	2044	1652	1460	1537

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-22 :: 2020-12-22 01:02:34
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Number of Countries/Regions reported: 191  
Number of Cities/Provinces reported: 575  
Unique number of distinct geographical locations combined: 3967

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2477255	3.20	60537	2.44	160946	6.50	2255772	91.06
2	Turkey	2043704	2.64	18351	0.90	1834705	89.77	190648	9.33
3	Maharashtra, India	1899352	2.46	48801	2.57	1789958	94.24	60593	3.19
4	England, United Kingdom	1772635	2.29	59005	3.33	0	0.00	1713630	96.67
5	Argentina	1547138	2.00	41997	2.71	1374401	88.84	130740	8.45
6	Sao Paulo, Brazil	1388043	1.79	45136	3.25	1222776	88.09	120131	8.65
7	Poland	1207333	1.56	25474	2.11	946017	78.36	235842	19.53
8	Iran	1164535	1.51	53816	4.62	894366	76.80	216353	18.58
9	South Africa	930711	1.20	24907	2.68	796346	85.56	109458	11.76
10	Karnataka, India	910241	1.18	12016	1.32	884205	97.14	14020	1.54
11	Andhra Pradesh, India	878937	1.14	7078	0.81	867867	98.74	3992	0.45
12	Tamil Nadu, India	807962	1.04	11995	1.48	786472	97.34	9495	1.18

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13	Moscow, Russia	743697	0.96	10469	1.41	572541	76.99	160687	21.61
14	Kerala, India	709292	0.92	2843	0.40	645779	91.05	60670	8.55
15	Indonesia	671778	0.87	20085	2.99	546884	81.41	104809	15.60

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-22 :: 2020-12-22 01:02:34

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Number of Countries/Regions reported: 191  
 Number of Cities/Provinces reported: 575  
 Unique number of distinct geographical locations combined: 3967

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2477255	3.20	60537	2.44	160946	6.50	2255772	91.06
2	England, United Kingdom	1772635	2.29	59005	3.33	0	0.00	1713630	96.67
3	Iran	1164535	1.51	53816	4.62	894366	76.80	216353	18.58
4	Maharashtra, India	1899352	2.46	48801	2.57	1789958	94.24	60593	3.19
5	Sao Paulo, Brazil	1388043	1.79	45136	3.25	1222776	88.09	120131	8.65
6	Argentina	1547138	2.00	41997	2.71	1374401	88.84	130740	8.45
7	Poland	1207333	1.56	25474	2.11	946017	78.36	235842	19.53
8	South Africa	930711	1.20	24907	2.68	796346	85.56	109458	11.76
9	Rio de Janeiro, Brazil	407575	0.53	24479	6.01	377071	92.52	6025	1.48
10	Lombardia, Italy	460168	0.59	24420	5.31	374434	81.37	61314	13.32
11	Indonesia	671778	0.87	20085	2.99	546884	81.41	104809	15.60
12	Turkey	2043704	2.64	18351	0.90	1834705	89.77	190648	9.33
13	Mexico, Mexico	133823	0.17	17656	13.19	0	0.00	116167	86.81
14	Lima, Peru	442219	0.57	16577	3.75	0	0.00	425642	96.25
15	Ciudad de Mexico, Mexico	291639	0.38	15560	5.34	0	0.00	276079	94.66

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-22 :: 2020-12-22 01:02:34

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Number of Countries/Regions reported: 191  
 Number of Cities/Provinces reported: 575  
 Unique number of distinct geographical locations combined: 3967

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Turkey	2043704	2.64	18351	0.90	1834705	89.77	190648	9.33
2	Maharashtra, India	1899352	2.46	48801	2.57	1789958	94.24	60593	3.19
3	Argentina	1547138	2.00	41997	2.71	1374401	88.84	130740	8.45
4	Sao Paulo, Brazil	1388043	1.79	45136	3.25	1222776	88.09	120131	8.65
5	Poland	1207333	1.56	25474	2.11	946017	78.36	235842	19.53
6	Iran	1164535	1.51	53816	4.62	894366	76.80	216353	18.58
7	Karnataka, India	910241	1.18	12016	1.32	884205	97.14	14020	1.54
8	Andhra Pradesh, India	878937	1.14	7078	0.81	867867	98.74	3992	0.45
9	South Africa	930711	1.20	24907	2.68	796346	85.56	109458	11.76
10	Tamil Nadu, India	807962	1.04	11995	1.48	786472	97.34	9495	1.18
11	Kerala, India	709292	0.92	2843	0.40	645779	91.05	60670	8.55
12	Delhi, India	617808	0.80	10304	1.67	598249	96.83	9255	1.50
13	Moscow, Russia	743697	0.96	10469	1.41	572541	76.99	160687	21.61
14	Uttar Pradesh, India	575621	0.74	8212	1.43	550587	95.65	16822	2.92

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15	Indonesia	671778	0.87	20085	2.99	546884	81.41	104809	15.60						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-22 :: 2020-12-22 01:02:34															
#####															
Number of Countries/Regions reported: 191															
Number of Cities/Provinces reported: 575															
Unique number of distinct geographical locations combined: 3967															
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	France	2477255	3.20	60537	2.44	160946	6.50	2255772	91.06						
2	England, United Kingdom	1772635	2.29	59005	3.33	0	0.00	1713630	96.67						
3	Los Angeles, California, US	634849	0.82	8931	1.41	0	0.00	625918	98.59						
4	Lima, Peru	442219	0.57	16577	3.75	0	0.00	425642	96.25						
5	Cook, Illinois, US	373008	0.48	7802	2.09	0	0.00	365206	97.91						
6	Madrid, Spain	377921	0.49	11660	3.09	40736	10.78	325525	86.14						
7	Serbia	303747	0.39	2733	0.90	0	0.00	301014	99.10						
8	Catalonia, Spain	333704	0.43	8533	2.56	26203	7.85	298968	89.59						
9	Maricopa, Arizona, US	284462	0.37	4685	1.65	0	0.00	279777	98.35						
10	Ciudad de Mexico, Mexico	291639	0.38	15560	5.34	0	0.00	276079	94.66						
11	Miami-Dade, Florida, US	276414	0.36	4097	1.48	0	0.00	272317	98.52						
12	Andalusia, Spain	254998	0.33	4841	1.90	10671	4.18	239486	93.92						
13	Poland	1207333	1.56	25474	2.11	946017	78.36	235842	19.53						
14	Harris, Texas, US	221860	0.29	3245	1.46	0	0.00	218615	98.54						
15	Iran	1164535	1.51	53816	4.62	894366	76.80	216353	18.58						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	77353897	1683106	41717660	NA											
Average	19499.34	424.28	10516.17	NA											
Standard Deviation	98087.71	2494.39	73820.05	NA											
* Statistical estimators computed considering 3967 independent reported entries															
*****															
***** OVERALL SUMMARY*****															
*****															
****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	77364641	1702596	43637283												
	2.2%	56.4%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	285478.38	6282.64	170458.14												
	2.2%	59.71%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	1371170.21	26739.03	768812.37												
	1.95%	56.07%													

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