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## covid19-SummaryReport\_2020-11-21.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-11-20 :: 2020-11-21 13:02:32
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-confirmed Totals: 57564083

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		11910858	20.69	195542	187833	170161	166555	128087	75100
2	India		9050597	15.72	46232	45882	45576	41100	45674	54366
3	Brazil		6020164	10.46	38397	35918	34091	38307	22380	24858
4	France		2110021	3.67	22845	21130	27996	32059	0	41575
5	Russia		2023025	3.51	24059	23337	20717	22441	20109	15704
6	Spain		1556730	2.70	15156	16233	15318	0	0	20986
7	United Kingdom		1473508	2.56	20252	22915	19609	26860	24957	21238
8	Argentina		1359042	2.36	9608	10097	10332	8468	8037	16325
9	Italy		1345767	2.34	37239	36176	34280	37249	39809	16078
10	Colombia		1233444	2.14	7954	7487	6875	8937	8714	8673
11	Mexico		1025969	1.78	6426	4472	3918	5860	6810	6612
12	Peru		943917	1.64	3986	0	1663	2413	2781	5758
13	Germany		914118	1.59	22593	24041	23727	14640	14122	5952
14	Iran		828377	1.44	13260	13223	13421	11203	9450	5471
15	Poland		819262	1.42	22464	23975	19883	25571	27875	12107

Global Perc. Average: 0.37 (sd: 1.76)

Global Perc. Average in top 15 : 4.93 (sd: 5.9)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-11-20 :: 2020-11-21 13:02:32
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-deaths Totals: 1372182

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		254413	2.14	1878	2015	1848	1266	1013	873
2	Brazil		168613	2.80	552	606	756	921	254	497
3	India		132726	1.47	564	584	585	447	559	690
4	Mexico		100823	9.83	719	576	502	635	485	0
5	United Kingdom		54286	3.68	511	501	529	462	413	189
6	Italy		48569	3.61	699	653	753	544	425	136
7	France		47932	2.27	1137	429	420	354	304	162
8	Iran		43896	5.30	479	476	480	452	423	304
9	Spain		42619	2.74	328	252	351	0	0	155
10	Argentina		36790	2.71	258	185	241	262	212	438
11	Peru		35446	3.76	129	0	46	39	53	109
12	Russia		34980	1.73	455	457	449	380	356	286
13	Colombia		34929	2.83	168	198	182	160	190	173
14	South Africa		20759	2.72	88	115	124	53	40	102

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15 Indonesia 15678 3.21 78 97 110 111 98 102

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-11-20 :: 2020-11-21 13:02:33
#####
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: 36875075

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		8478124	49715	44807	48493	42156	49082	73979
2	Brazil		5430896	24830	22681	25086	4640	20485	0
3	US		4457930	47221	59920	57149	53298	40674	29702
4	Russia		1539352	24407	25052	24842	18362	16511	11300
5	Argentina		1177819	10305	11040	7641	8889	11076	11334
6	Colombia		1138581	6188	7209	6282	8236	8819	8915
7	Peru		871534	0	4228	0	2365	518	8225
8	Mexico		770728	4367	4336	4074	4021	4103	3540
9	South Africa		707040	4496	1010	4714	1084	3145	854
10	Iran		589025	5321	6721	6209	6105	5201	3965
11	Germany		587780	16819	16689	16925	11083	7675	4606
12	Italy		520022	21035	17020	24169	12196	5966	2082
13	Chile		512927	1053	1108	1365	1703	1549	2496
14	Iraq		460394	2904	2314	2151	2370	2660	2816
15	Indonesia		410552	3940	4265	3711	3000	3712	3497

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-11-21 :: 2020-11-21 13:02:33
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Number of Countries/Regions reported: 191  
Number of Cities/Provinces reported: 571  
Unique number of distinct geographical locations combined: 3963

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1768695	3.20	46511	2.63	1642916	92.89	79268	4.48
2	Argentina	1359042	2.46	36790	2.71	1177819	86.67	144433	10.63
3	England, United Kingdom	1267276	2.29	47576	3.75	0	0.00	1219700	96.25
4	Sao Paulo, Brazil	1200348	2.17	41179	3.43	1076616	89.69	82553	6.88
5	Karnataka, India	869561	1.57	11621	1.34	833169	95.81	24771	2.85
6	Andhra Pradesh, India	859932	1.55	6920	0.80	837630	97.41	15382	1.79
7	Iran	828377	1.50	43896	5.30	589025	71.11	195456	23.60
8	Poland	819262	1.48	12714	1.55	381800	46.60	424748	51.85
9	Tamil Nadu, India	766677	1.39	11568	1.51	741705	96.74	13404	1.75
10	South Africa	762763	1.38	20759	2.72	707040	92.69	34964	4.58
11	Kerala, India	551669	1.00	1997	0.36	481718	87.32	67954	12.32
12	Moscow, Russia	539970	0.98	8159	1.51	394252	73.01	137559	25.48

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13	Iraq	531769	0.96	11883	2.23	460394	86.58	59492	11.19
14	Uttar Pradesh, India	521988	0.94	7500	1.44	491131	94.09	23357	4.47
15	Delhi, India	517238	0.93	8159	1.58	468143	90.51	40936	7.91

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##### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-21 :: 2020-11-21 13:02:33

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Number of Countries/Regions reported: 191

Number of Cities/Provinces reported: 571

Unique number of distinct geographical locations combined: 3963

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	1267276	2.29	47576	3.75	0	0.00	1219700	96.25
2	Maharashtra, India	1768695	3.20	46511	2.63	1642916	92.89	79268	4.48
3	Iran	828377	1.50	43896	5.30	589025	71.11	195456	23.60
4	Sao Paulo, Brazil	1200348	2.17	41179	3.43	1076616	89.69	82553	6.88
5	Argentina	1359042	2.46	36790	2.71	1177819	86.67	144433	10.63
6	Rio de Janeiro, Brazil	336915	0.61	21938	6.51	308297	91.51	6680	1.98
7	South Africa	762763	1.38	20759	2.72	707040	92.69	34964	4.58
8	Lombardia, Italy	357663	0.65	20190	5.64	177832	49.72	159641	44.63
9	Lima, Peru	422903	0.76	15907	3.76	0	0.00	406996	96.24
10	Indonesia	488310	0.88	15678	3.21	410552	84.08	62080	12.71
11	Mexico, Mexico	104341	0.19	15042	14.42	0	0.00	89299	85.58
12	Ecuador	183840	0.33	13095	7.12	160639	87.38	10106	5.50
13	Ciudad de Mexico, Mexico	184636	0.33	12910	6.99	0	0.00	171726	93.01
14	Poland	819262	1.48	12714	1.55	381800	46.60	424748	51.85
15	Turkey	435273	0.79	12084	2.78	367592	84.45	55597	12.77

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##### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-21 :: 2020-11-21 13:02:33

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Number of Countries/Regions reported: 191

Number of Cities/Provinces reported: 571

Unique number of distinct geographical locations combined: 3963

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1768695	3.20	46511	2.63	1642916	92.89	79268	4.48
2	Argentina	1359042	2.46	36790	2.71	1177819	86.67	144433	10.63
3	Sao Paulo, Brazil	1200348	2.17	41179	3.43	1076616	89.69	82553	6.88
4	Andhra Pradesh, India	859932	1.55	6920	0.80	837630	97.41	15382	1.79
5	Karnataka, India	869561	1.57	11621	1.34	833169	95.81	24771	2.85
6	Tamil Nadu, India	766677	1.39	11568	1.51	741705	96.74	13404	1.75
7	South Africa	762763	1.38	20759	2.72	707040	92.69	34964	4.58
8	Iran	828377	1.50	43896	5.30	589025	71.11	195456	23.60
9	Uttar Pradesh, India	521988	0.94	7500	1.44	491131	94.09	23357	4.47
10	Kerala, India	551669	1.00	1997	0.36	481718	87.32	67954	12.32
11	Delhi, India	517238	0.93	8159	1.58	468143	90.51	40936	7.91
12	Iraq	531769	0.96	11883	2.23	460394	86.58	59492	11.19
13	West Bengal, India	449131	0.81	7923	1.76	415609	92.54	25599	5.70
14	Indonesia	488310	0.88	15678	3.21	410552	84.08	62080	12.71

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15	Moscow, Russia	539970	0.98	8159	1.51	394252	73.01	137559	25.48
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-11-21 :: 2020-11-21 13:02:33
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Number of Countries/Regions reported: 191
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```
Number of Cities/Provinces reported: 571
```

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Unique number of distinct geographical locations combined: 3963
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	1267276	2.29	47576	3.75	0	0.00	1219700	96.25
2	Poland	819262	1.48	12714	1.55	381800	46.60	424748	51.85
3	Lima, Peru	422903	0.76	15907	3.76	0	0.00	406996	96.24
4	Los Angeles, California, US	357451	0.65	7396	2.07	0	0.00	350055	97.93
5	Madrid, Spain	339405	0.61	11201	3.30	40736	12.00	287468	84.70
6	Cook, Illinois, US	272733	0.49	6201	2.27	0	0.00	266532	97.73
7	Catalonia, Spain	292348	0.53	7495	2.56	26203	8.96	258650	88.47
8	Miami-Dade, Florida, US	211257	0.38	3746	1.77	0	0.00	207511	98.23
9	Andalusia, Spain	212439	0.38	3527	1.66	10671	5.02	198241	93.32
10	Iran	828377	1.50	43896	5.30	589025	71.11	195456	23.60
11	Maricopa, Arizona, US	185580	0.34	3878	2.09	0	0.00	181702	97.91
12	Harris, Texas, US	179911	0.33	2954	1.64	0	0.00	176957	98.36
13	Ciudad de Mexico, Mexico	184636	0.33	12910	6.99	0	0.00	171726	93.01
14	Lombardia, Italy	357663	0.65	20190	5.64	177832	49.72	159641	44.63
15	Argentina	1359042	2.46	36790	2.71	1177819	86.67	144433	10.63

	Confirmed	Deaths	Recovered	Active
Totals	55322900	1305894	30527070	NA
Average	13959.85	329.52	7703.02	NA
Standard Deviation	69108.85	1954.22	56388.6	NA

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* Statistical estimators computed considering 3963 independent reported entries
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*****
***** OVERALL SUMMARY*****
*****
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```
**** Time Series Worldwide TOTS ****
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ts-confirmed	ts-deaths	ts-recovered
57564083	1372182	36875075
2.38%		64.06%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
213992.87	5101.05	144043.26
2.38%		67.31%

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**** Time Series Worldwide SDS ****
```

ts-confirmed	ts-deaths	ts-recovered
1012589.07	22300.88	703679.39
2.2%		69.49%

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