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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-11-21 :: 2020-11-22 01:02:30
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-confirmed Totals: 58143122

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		12088410	20.79	177552	195542	187833	133045	109722	80821
2	India		9095806	15.64	45209	46232	45882	30548	45903	53370
3	Brazil		6052786	10.41	32622	38397	35918	14134	10554	30026
4	France		2127672	3.66	17651	22845	21130	27228	125414	41816
5	Russia		2047563	3.52	24538	24059	23337	22313	20248	17077
6	Spain		1556730	2.68	0	15156	16233	0	0	19851
7	United Kingdom		1493383	2.57	19875	20252	22915	24962	20572	20531
8	Italy		1380531	2.37	34764	37239	36176	33977	32614	19143
9	Argentina		1366182	2.35	7140	9608	10097	5645	5331	15718
10	Colombia		1240493	2.13	7049	7954	7487	7112	7440	8569
11	Mexico		1025969	1.76	0	6426	4472	3269	5887	6604
12	Peru		948081	1.63	4164	3986	0	2249	2507	0
13	Germany		927990	1.60	13872	22593	24041	3213	14510	13476
14	Poland		843475	1.45	24213	22464	23975	21854	24785	13632
15	Iran		841308	1.45	12931	13260	13223	12543	9236	6134

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: 2020-11-21 :: 2020-11-22 01:02:30
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
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Worldwide ts-deaths Totals: 1380436

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		255861	2.12	1448	1878	2015	616	474	941
2	Brazil		168989	2.79	376	552	606	140	128	571
3	India		133227	1.46	501	564	584	435	490	650
4	Mexico		100823	9.83	0	719	576	283	219	897
5	United Kingdom		54626	3.66	340	511	501	168	156	224
6	Italy		49261	3.57	692	699	653	546	331	91
7	France		48184	2.26	252	1137	429	301	270	297
8	Iran		44327	5.27	431	479	476	459	459	335
9	Spain		42619	2.74	0	328	252	0	0	231
10	Argentina		36902	2.70	112	258	185	129	212	381
11	Peru		35549	3.75	103	129	0	71	38	0
12	Russia		35442	1.73	462	455	457	349	282	281
13	Colombia		35104	2.83	175	168	198	202	196	165
14	South Africa		20845	2.72	86	88	115	35	20	48

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15 Indonesia 15774 3.20 96 78 97 63 74 118

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-11-21 :: 2020-11-22 01:02:31
#####
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: 37214376

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		8521617	43493	49715	44807	43851	48405	67549
2	Brazil		5437189	6293	24830	22681	0	8531	0
3	US		4529700	71770	47221	59920	26440	30026	22371
4	Russia		1564897	25545	24407	25052	14352	11321	11172
5	Argentina		1187053	9234	10305	11040	9736	9598	14841
6	Colombia		1144923	6342	6188	7209	7380	9000	7842
7	Peru		873970	2436	0	4228	0	7432	0
8	Mexico		770728	0	4367	4336	4829	7696	3497
9	South Africa		707784	744	4496	1010	206	950	963
10	Germany		600991	13211	16819	16689	6718	7667	3568
11	Iran		596136	7111	5321	6721	6071	5176	4011
12	Italy		539524	19502	21035	17020	9376	6183	2352
13	Chile		514584	1657	1053	1108	1457	1559	1401
14	Iraq		463040	2646	2904	2314	2813	3002	3362
15	Indonesia		413955	3403	3940	4265	3897	3881	4094

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-11-22 :: 2020-11-22 01:02:31
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Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 572
Unique number of distinct geographical locations combined: 3965

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2127672	3.66	48184	2.26	129218	6.07	1950270	91.66
2	Maharashtra, India	1774455	3.05	46573	2.62	1647004	92.82	80878	4.56
3	Argentina	1366182	2.35	36902	2.70	1187053	86.89	142227	10.41
4	England, United Kingdom	1284891	2.21	47842	3.72	0	0.00	1237049	96.28
5	Sao Paulo, Brazil	1205435	2.07	41256	3.42	1076616	89.31	87563	7.26
6	Karnataka, India	871342	1.50	11641	1.34	834968	95.83	24733	2.84
7	Andhra Pradesh, India	861092	1.48	6927	0.80	839395	97.48	14770	1.72
8	Poland	843475	1.45	13288	1.58	407075	48.26	423112	50.16
9	Iran	841308	1.45	44327	5.27	596136	70.86	200845	23.87
10	Tamil Nadu, India	768340	1.32	11586	1.51	743838	96.81	12916	1.68
11	South Africa	765409	1.32	20845	2.72	707784	92.47	36780	4.81
12	Kerala, India	557441	0.96	2022	0.36	488437	87.62	66982	12.02

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13	Moscow, Russia	547138	0.94	8233	1.50	400332	73.17	138573	25.33
14	Iraq	533555	0.92	11925	2.24	463040	86.78	58590	10.98
15	Uttar Pradesh, India	524223	0.90	7524	1.44	493228	94.09	23471	4.48

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-22 :: 2020-11-22 01:02:31

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Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 572
 Unique number of distinct geographical locations combined: 3965

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2127672	3.66	48184	2.26	129218	6.07	1950270	91.66
2	England, United Kingdom	1284891	2.21	47842	3.72	0	0.00	1237049	96.28
3	Maharashtra, India	1774455	3.05	46573	2.62	1647004	92.82	80878	4.56
4	Iran	841308	1.45	44327	5.27	596136	70.86	200845	23.87
5	Sao Paulo, Brazil	1205435	2.07	41256	3.42	1076616	89.31	87563	7.26
6	Argentina	1366182	2.35	36902	2.70	1187053	86.89	142227	10.41
7	Rio de Janeiro, Brazil	337277	0.58	21971	6.51	308297	91.41	7009	2.08
8	South Africa	765409	1.32	20845	2.72	707784	92.47	36780	4.81
9	Lombardia, Italy	366516	0.63	20359	5.55	183472	50.06	162685	44.39
10	Lima, Peru	424399	0.73	15956	3.76	0	0.00	408443	96.24
11	Indonesia	493308	0.85	15774	3.20	413955	83.91	63579	12.89
12	Mexico, Mexico	104341	0.18	15042	14.42	0	0.00	89299	85.58
13	Poland	843475	1.45	13288	1.58	407075	48.26	423112	50.16
14	Ecuador	184876	0.32	13139	7.11	160639	86.89	11098	6.00
15	Ciudad de Mexico, Mexico	184636	0.32	12910	6.99	0	0.00	171726	93.01

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-22 :: 2020-11-22 01:02:31

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Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 572
 Unique number of distinct geographical locations combined: 3965

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1774455	3.05	46573	2.62	1647004	92.82	80878	4.56
2	Argentina	1366182	2.35	36902	2.70	1187053	86.89	142227	10.41
3	Sao Paulo, Brazil	1205435	2.07	41256	3.42	1076616	89.31	87563	7.26
4	Andhra Pradesh, India	861092	1.48	6927	0.80	839395	97.48	14770	1.72
5	Karnataka, India	871342	1.50	11641	1.34	834968	95.83	24733	2.84
6	Tamil Nadu, India	768340	1.32	11586	1.51	743838	96.81	12916	1.68
7	South Africa	765409	1.32	20845	2.72	707784	92.47	36780	4.81
8	Iran	841308	1.45	44327	5.27	596136	70.86	200845	23.87
9	Uttar Pradesh, India	524223	0.90	7524	1.44	493228	94.09	23471	4.48
10	Kerala, India	557441	0.96	2022	0.36	488437	87.62	66982	12.02
11	Delhi, India	523117	0.90	8270	1.58	475106	90.82	39741	7.60
12	Iraq	533555	0.92	11925	2.24	463040	86.78	58590	10.98
13	West Bengal, India	452770	0.78	7976	1.76	419403	92.63	25391	5.61
14	Indonesia	493308	0.85	15774	3.20	413955	83.91	63579	12.89

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15	Poland	843475	1.45	13288	1.58	407075	48.26	423112	50.16						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-11-22 :: 2020-11-22 01:02:31															
#####															
Number of Countries/Regions reported: 191															
Number of Cities/Provinces reported: 572															
Unique number of distinct geographical locations combined: 3965															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	France	2127672	3.66	48184	2.26	129218	6.07	1950270	91.66						
2	England, United Kingdom	1284891	2.21	47842	3.72	0	0.00	1237049	96.28						
3	Poland	843475	1.45	13288	1.58	407075	48.26	423112	50.16						
4	Lima, Peru	424399	0.73	15956	3.76	0	0.00	408443	96.24						
5	Los Angeles, California, US	361869	0.62	7397	2.04	0	0.00	354472	97.96						
6	Madrid, Spain	339405	0.58	11201	3.30	40736	12.00	287468	84.70						
7	Cook, Illinois, US	277026	0.48	6261	2.26	0	0.00	270765	97.74						
8	Catalonia, Spain	292348	0.50	7495	2.56	26203	8.96	258650	88.47						
9	Miami-Dade, Florida, US	213197	0.37	3753	1.76	0	0.00	209444	98.24						
10	Iran	841308	1.45	44327	5.27	596136	70.86	200845	23.87						
11	Andalusia, Spain	212439	0.37	3527	1.66	10671	5.02	198241	93.32						
12	Maricopa, Arizona, US	187636	0.32	3890	2.07	0	0.00	183746	97.93						
13	Harris, Texas, US	181361	0.31	2964	1.63	0	0.00	178397	98.37						
14	Ciudad de Mexico, Mexico	184636	0.32	12910	6.99	0	0.00	171726	93.01						
15	Lombardia, Italy	366516	0.63	20359	5.55	183472	50.06	162685	44.39						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	58133925	1364500	31039978	NA											
Average	14661.77	344.14	7828.49	NA											
Standard Deviation	77306.91	2105.36	56753.53	NA											
* Statistical estimators computed considering 3965 independent reported entries															

***** OVERALL SUMMARY*****															

****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	58143122	1380436	37214376												
	2.37%	64%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	216145.43	5131.73	145368.66												
	2.37%	67.26%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	1023172.48	22400.86	708074.91												
	2.19%	69.2%													

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