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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-30 :: 2020-10-31 13:02:30
#####
Number of Countries/Regions reported: 190
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 268
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Worldwide ts-confirmed Totals: 45584151

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		9044255	19.84	99321	88521	78358	83730	57547	44771
2	India		8137119	17.85	48268	48648	49881	50129	61871	81484
3	Brazil		5516658	12.10	22282	26106	28629	26979	24062	36157
4	Russia		1588433	3.48	17987	17418	15886	16260	14703	8835
5	France		1337693	2.93	49215	47616	34848	0	-4	12918
6	Spain		1185678	2.60	25595	23580	19765	0	0	9419
7	Argentina		1157179	2.54	13379	13267	13924	11968	13510	14001
8	Colombia		1053122	2.31	5067	6119	8718	8769	7017	5660
9	United Kingdom		989745	2.17	24405	23065	24700	23012	16171	6914
10	Mexico		918811	2.02	6000	5948	5595	6025	5447	5099
11	Peru		897594	1.97	2666	2431	1923	3240	2677	3061
12	South Africa		723682	1.59	1912	2056	1863	1834	1928	1745
13	Italy		647674	1.42	31079	26829	24988	19640	10925	2548
14	Iran		604952	1.33	8011	8293	6824	5814	4103	3825
15	Germany		517736	1.14	19382	11382	23553	8688	4862	2626

Global Perc. Average: 0.37 (sd: 1.83)

Global Perc. Average in top 15 : 5.02 (sd: 6.21)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-10-30 :: 2020-10-31 13:02:30
#####
Number of Countries/Regions reported: 190
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 268
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Worldwide ts-deaths Totals: 1188866

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		229686	2.54	1030	971	989	914	711	858
2	Brazil		159477	2.89	508	513	510	432	461	728
3	India		121641	1.49	551	563	517	578	1033	1095
4	Mexico		91289	9.94	516	464	495	431	355	432
5	United Kingdom		46229	4.67	274	280	310	174	150	59
6	Italy		38321	5.92	199	217	205	151	47	24
7	France		36273	2.71	545	235	225	0	0	47
8	Spain		35878	3.03	239	173	168	0	0	182
9	Iran		34478	5.70	365	399	415	335	253	211
10	Peru		34362	3.83	47	58	60	49	71	67
11	Colombia		31421	2.98	495	173	188	198	187	198
12	Argentina		30792	2.66	350	371	341	275	384	3351
13	Russia		27462	1.73	351	359	343	294	277	166
14	South Africa		19230	2.66	66	53	58	53	38	132

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15 Chile 14158 2.78 40 86 6 48 59 81

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-30 :: 2020-10-31 13:02:31
#####
Number of Countries/Regions reported: 190
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 255
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Worldwide ts-recovered Totals: 30575509

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		7432829	59454	57386	56480	62077	72614	78877
2	Brazil		4987435	24861	14797	33044	0	0	24885
3	US		3578452	24116	36196	30474	31229	23034	19962
4	Russia		1193867	14402	14550	12067	11419	8499	5941
5	Argentina		961101	14967	14987	9803	14418	12673	8495
6	Colombia		959433	9085	8474	8992	5727	10466	8038
7	Peru		819717	0	3029	5693	3761	5279	13603
8	Mexico		774567	4560	4879	2023	6005	3598	1623
9	South Africa		653052	3117	1281	821	1118	1176	1472
10	Chile		485152	1230	1016	1527	5410	1615	1559
11	Iran		477300	4702	4681	4306	4206	3011	2412
12	Iraq		397241	2855	3376	2929	3021	3329	3685
13	Germany		351921	11485	3672	9067	3777	2102	1359
14	Indonesia		334295	4517	3985	3545	4119	4048	3540
15	Saudi Arabia		333409	404	455	433	417	370	592

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-31 :: 2020-10-31 13:02:31
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Number of Countries/Regions reported: 190
Number of Cities/Provinces reported: 560
Unique number of distinct geographical locations combined: 3947

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1672858	3.79	43837	2.62	1503050	89.85	125971	7.53
2	Argentina	1157179	2.62	30792	2.66	961101	83.06	165286	14.28
3	Sao Paulo, Brazil	1113788	2.53	39255	3.52	999089	89.70	75444	6.77
4	England, United Kingdom	839580	1.90	40854	4.87	0	0.00	798726	95.13
5	Andhra Pradesh, India	820565	1.86	6676	0.81	788375	96.08	25514	3.11
6	Karnataka, India	820398	1.86	11140	1.36	749740	91.39	59518	7.25
7	South Africa	723682	1.64	19230	2.66	653052	90.24	51400	7.10
8	Tamil Nadu, India	722011	1.64	11091	1.54	687388	95.20	23532	3.26
9	Iran	604952	1.37	34478	5.70	477300	78.90	93174	15.40
10	Uttar Pradesh, India	480082	1.09	7007	1.46	448644	93.45	24431	5.09
11	Iraq	470633	1.07	10862	2.31	397241	84.41	62530	13.29
12	Kerala, India	425122	0.96	1457	0.34	332994	78.33	90671	21.33

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13	Moscow, Russia	419196	0.95	6713	1.60	307816	73.43	104667	24.97
14	Belgium	412314	0.93	11452	2.78	24906	6.04	375956	91.18
15	Indonesia	406945	0.92	13782	3.39	334295	82.15	58868	14.47

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-31 :: 2020-10-31 13:02:31

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Number of Countries/Regions reported: 190
 Number of Cities/Provinces reported: 560
 Unique number of distinct geographical locations combined: 3947

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1672858	3.79	43837	2.62	1503050	89.85	125971	7.53
2	England, United Kingdom	839580	1.90	40854	4.87	0	0.00	798726	95.13
3	Sao Paulo, Brazil	1113788	2.53	39255	3.52	999089	89.70	75444	6.77
4	Iran	604952	1.37	34478	5.70	477300	78.90	93174	15.40
5	Argentina	1157179	2.62	30792	2.66	961101	83.06	165286	14.28
6	Rio de Janeiro, Brazil	309496	0.70	20565	6.64	283728	91.67	5203	1.68
7	South Africa	723682	1.64	19230	2.66	653052	90.24	51400	7.10
8	Lombardia, Italy	186825	0.42	17462	9.35	94134	50.39	75229	40.27
9	Lima, Peru	405903	0.92	15450	3.81	0	0.00	390453	96.19
10	Ciudad de Mexico, Mexico	160749	0.36	15115	9.40	133020	82.75	12614	7.85
11	Indonesia	406945	0.92	13782	3.39	334295	82.15	58868	14.47
12	Ecuador	167147	0.38	12632	7.56	141759	84.81	12756	7.63
13	Belgium	412314	0.93	11452	2.78	24906	6.04	375956	91.18
14	Karnataka, India	820398	1.86	11140	1.36	749740	91.39	59518	7.25
15	Tamil Nadu, India	722011	1.64	11091	1.54	687388	95.20	23532	3.26

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-31 :: 2020-10-31 13:02:31

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Number of Countries/Regions reported: 190
 Number of Cities/Provinces reported: 560
 Unique number of distinct geographical locations combined: 3947

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1672858	3.79	43837	2.62	1503050	89.85	125971	7.53
2	Sao Paulo, Brazil	1113788	2.53	39255	3.52	999089	89.70	75444	6.77
3	Argentina	1157179	2.62	30792	2.66	961101	83.06	165286	14.28
4	Andhra Pradesh, India	820565	1.86	6676	0.81	788375	96.08	25514	3.11
5	Karnataka, India	820398	1.86	11140	1.36	749740	91.39	59518	7.25
6	Tamil Nadu, India	722011	1.64	11091	1.54	687388	95.20	23532	3.26
7	South Africa	723682	1.64	19230	2.66	653052	90.24	51400	7.10
8	Iran	604952	1.37	34478	5.70	477300	78.90	93174	15.40
9	Uttar Pradesh, India	480082	1.09	7007	1.46	448644	93.45	24431	5.09
10	Iraq	470633	1.07	10862	2.31	397241	84.41	62530	13.29
11	Delhi, India	381644	0.87	6470	1.70	342811	89.82	32363	8.48
12	Bahia, Brazil	352700	0.80	7600	2.15	337785	95.77	7315	2.07
13	Indonesia	406945	0.92	13782	3.39	334295	82.15	58868	14.47
14	Saudi Arabia	346880	0.79	5383	1.55	333409	96.12	8088	2.33

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15	Kerala, India	425122	0.96	1457	0.34	332994	78.33	90671	21.33
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-31 :: 2020-10-31 13:02:31
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Number of Countries/Regions reported: 190
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Number of Cities/Provinces reported: 560
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Unique number of distinct geographical locations combined: 3947
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	839580	1.90	40854	4.87	0	0.00	798726	95.13
2	Lima, Peru	405903	0.92	15450	3.81	0	0.00	390453	96.19
3	Belgium	412314	0.93	11452	2.78	24906	6.04	375956	91.18
4	Los Angeles, California, US	306327	0.69	7056	2.30	0	0.00	299271	97.70
5	Madrid, Spain	306335	0.69	10419	3.40	40736	13.30	255180	83.30
6	Poland	340834	0.77	5351	1.57	134724	39.53	200759	58.90
7	Catalonia, Spain	228000	0.52	5991	2.63	26203	11.49	195806	85.88
8	Czechia	323673	0.73	3078	0.95	137575	42.50	183020	56.54
9	Miami-Dade, Florida, US	185552	0.42	3643	1.96	0	0.00	181909	98.04
10	Cook, Illinois, US	186405	0.42	5469	2.93	0	0.00	180936	97.07
11	Argentina	1157179	2.62	30792	2.66	961101	83.06	165286	14.28
12	Harris, Texas, US	160984	0.36	2806	1.74	0	0.00	158178	98.26
13	Maricopa, Arizona, US	157728	0.36	3577	2.27	0	0.00	154151	97.73
14	Maharashtra, India	1672858	3.79	43837	2.62	1503050	89.85	125971	7.53
15	Andalusia, Spain	130191	0.30	2470	1.90	10671	8.20	117050	89.91

	Confirmed	Deaths	Recovered	Active
Totals	44108552	1149012	25939165	NA
Average	11175.21	291.11	6571.87	NA
Standard Deviation	59216.59	1746.44	49355.98	NA

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* Statistical estimators computed considering 3947 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
45584151	1188866	30575509
2.61%		67.07%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
170090.12	4436.07	119903.96
2.61%		70.49%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
834018.14	20240.77	615548.78
2.43%		73.81%

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* Statistical estimators computed considering 268/268/255 independent reported entries per case-type
