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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-10-20 :: 2020-10-21 01:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-confirmed Totals: 40729251

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		8273296	20.31	60315	58387	48210	59494	50341	52464
2	India		7597063	18.65	0	46790	55722	67708	78524	75083
3	Brazil		5273954	12.95	23227	26365	0	27235	31553	13411
4	Russia		1422775	3.49	16108	15843	14804	14041	10981	6090
5	Argentina		1018999	2.50	16337	12982	10561	14932	16447	8782
6	Spain		988322	2.43	13873	37889	0	11970	10491	31428
7	Colombia		974139	2.39	8256	6311	7201	6061	7876	5359
8	France		939147	2.31	20468	75208	0	21696	17647	28996
9	Peru		870876	2.14	2201	3126	3132	0	2930	6030
10	Mexico		860714	2.11	5788	3699	4119	4056	4580	2917
11	United Kingdom		762542	1.87	21330	18803	16981	19724	14162	4368
12	South Africa		706304	1.73	1050	1461	1662	1877	1913	725
13	Iran		539670	1.33	5039	4251	3890	4830	4019	3341
14	Chile		494478	1.21	1173	1545	1757	1092	1134	1194
15	Iraq		434598	1.07	3920	4044	3110	3857	3923	3821

Global Perc. Average: 0.37 (sd: 1.9)

Global Perc. Average in top 15 : 5.1 (sd: 6.51)

```
#####
#### TS-DEATHS Cases -- Data dated: 2020-10-20 :: 2020-10-21 01:02:28
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 267
```

Worldwide ts-deaths Totals: 1124027

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		221052	2.67	933	445	388	985	915	356
2	Brazil		154837	2.94	661	501	0	749	734	377
3	India		115197	1.52	0	587	579	680	971	1053
4	Mexico		86893	10.10	555	171	108	478	378	204
5	United Kingdom		43967	5.77	241	80	67	137	70	11
6	Italy		36705	8.45	89	73	69	43	31	17
7	Spain		34210	3.46	218	217	0	209	76	168
8	Peru		33820	3.88	61	57	54	0	80	0
9	France		33636	3.58	262	320	0	74	79	89
10	Iran		31034	5.75	322	337	252	279	239	177
11	Colombia		29272	3.00	170	132	167	165	163	189
12	Argentina		27100	2.66	384	449	160	349	399	429
13	Russia		24473	1.72	268	166	182	235	196	71
14	South Africa		18656	2.64	164	21	63	123	145	39

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15 Chile 13702 2.77 26 41 47 19 20 12

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-10-20 :: 2020-10-21 01:02:29
#####
Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 254
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Worldwide ts-recovered Totals: 27846487

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		6733328	0	69720	66399	81514	83011	101468
2	Brazil		4526393	0	0	0	0	26832	29986
3	US		3295148	22545	38465	13565	31201	47505	25278
4	Russia		1080461	9541	5312	5329	7793	6510	2595
5	Colombia		876731	8770	9667	10827	9964	3161	7701
6	Argentina		829647	25682	0	12791	8911	10453	20332
7	Peru		788494	4438	9700	0	5862	10718	0
8	Mexico		730594	2835	6786	5125	32	2770	5858
9	South Africa		639568	4311	714	4107	1324	1270	1137
10	Chile		466643	1622	1078	1231	1574	1635	1365
11	Iran		434676	3316	3960	3479	2991	2309	1953
12	Iraq		366134	2602	3055	3186	3188	3413	4484
13	Saudi Arabia		329270	375	357	373	481	596	1060
14	Philippines		310642	339	145	14846	477	410	368
15	Pakistan		308674	664	601	340	315	1087	290

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-10-21 :: 2020-10-21 01:02:29
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Number of Countries/Regions reported: 189
Number of Cities/Provinces reported: 562
Unique number of distinct geographical locations combined: 3952

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1601365	4.02	42240	2.64	1384879	86.48	174246	10.88
2	Sao Paulo, Brazil	1068962	2.69	38246	3.58	908199	84.96	122517	11.46
3	Argentina	1018999	2.56	27100	2.66	829647	81.42	162252	15.92
4	Andhra Pradesh, India	786050	1.98	6453	0.82	744532	94.72	35065	4.46
5	Karnataka, India	770604	1.94	10542	1.37	653829	84.85	106233	13.79
6	South Africa	706304	1.78	18656	2.64	639568	90.55	48080	6.81
7	Tamil Nadu, India	690936	1.74	10691	1.55	642152	92.94	38093	5.51
8	England, United Kingdom	647025	1.63	38996	6.03	0	0.00	608029	93.97
9	Iran	539670	1.36	31034	5.75	434676	80.54	73960	13.70
10	Uttar Pradesh, India	456865	1.15	6685	1.46	418685	91.64	31495	6.89
11	Iraq	434598	1.09	10366	2.39	366134	84.25	58098	13.37
12	Lima, Peru	394933	0.99	15212	3.85	0	0.00	379721	96.15

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13	Bangladesh	391586	0.98	5699	1.46	307141	78.44	78746	20.11
14	Moscow, Russia	372628	0.94	6058	1.63	277608	74.50	88962	23.87
15	Indonesia	368842	0.93	12734	3.45	293653	79.61	62455	16.93

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-10-21 :: 2020-10-21 01:02:29

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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3952

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1601365	4.02	42240	2.64	1384879	86.48	174246	10.88
2	England, United Kingdom	647025	1.63	38996	6.03	0	0.00	608029	93.97
3	Sao Paulo, Brazil	1068962	2.69	38246	3.58	908199	84.96	122517	11.46
4	Iran	539670	1.36	31034	5.75	434676	80.54	73960	13.70
5	Argentina	1018999	2.56	27100	2.66	829647	81.42	162252	15.92
6	Rio de Janeiro, Brazil	292621	0.74	19836	6.78	258928	88.49	13857	4.74
7	South Africa	706304	1.78	18656	2.64	639568	90.55	48080	6.81
8	Lombardia, Italy	130479	0.33	17103	13.11	87072	66.73	26304	20.16
9	Lima, Peru	394933	0.99	15212	3.85	0	0.00	379721	96.15
10	Ciudad de Mexico, Mexico	149109	0.37	14480	9.71	125470	84.15	9159	6.14
11	Indonesia	368842	0.93	12734	3.45	293653	79.61	62455	16.93
12	Ecuador	154115	0.39	12404	8.05	134187	87.07	7524	4.88
13	Tamil Nadu, India	690936	1.74	10691	1.55	642152	92.94	38093	5.51
14	Karnataka, India	770604	1.94	10542	1.37	653829	84.85	106233	13.79
15	Belgium	240159	0.60	10489	4.37	21476	8.94	208194	86.69

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-10-21 :: 2020-10-21 01:02:29

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Number of Countries/Regions reported: 189
 Number of Cities/Provinces reported: 562
 Unique number of distinct geographical locations combined: 3952

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1601365	4.02	42240	2.64	1384879	86.48	174246	10.88
2	Sao Paulo, Brazil	1068962	2.69	38246	3.58	908199	84.96	122517	11.46
3	Argentina	1018999	2.56	27100	2.66	829647	81.42	162252	15.92
4	Andhra Pradesh, India	786050	1.98	6453	0.82	744532	94.72	35065	4.46
5	Karnataka, India	770604	1.94	10542	1.37	653829	84.85	106233	13.79
6	Tamil Nadu, India	690936	1.74	10691	1.55	642152	92.94	38093	5.51
7	South Africa	706304	1.78	18656	2.64	639568	90.55	48080	6.81
8	Iran	539670	1.36	31034	5.75	434676	80.54	73960	13.70
9	Uttar Pradesh, India	456865	1.15	6685	1.46	418685	91.64	31495	6.89
10	Iraq	434598	1.09	10366	2.39	366134	84.25	58098	13.37
11	Saudi Arabia	342968	0.86	5217	1.52	329270	96.01	8481	2.47
12	Bahia, Brazil	337994	0.85	7363	2.18	311054	92.03	19577	5.79
13	Philippines	360775	0.91	6690	1.85	310642	86.10	43443	12.04
14	Bangladesh	391586	0.98	5699	1.46	307141	78.44	78746	20.11

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15	Turkey	351413	0.88	9445	2.69	306939	87.34	35029	9.97						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-10-21 :: 2020-10-21 01:02:29															
#####															
Number of Countries/Regions reported: 189															
Number of Cities/Provinces reported: 562															
Unique number of distinct geographical locations combined: 3952															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	England, United Kingdom	647025	1.63	38996	6.03	0	0.00	608029	93.97						
2	Lima, Peru	394933	0.99	15212	3.85	0	0.00	379721	96.15						
3	Los Angeles, California, US	290009	0.73	6912	2.38	0	0.00	283097	97.62						
4	Madrid, Spain	283130	0.71	10059	3.55	40736	14.39	232335	82.06						
5	Belgium	240159	0.60	10489	4.37	21476	8.94	208194	86.69						
6	Miami-Dade, Florida, US	179286	0.45	3561	1.99	0	0.00	175725	98.01						
7	Maharashtra, India	1601365	4.02	42240	2.64	1384879	86.48	174246	10.88						
8	Argentina	1018999	2.56	27100	2.66	829647	81.42	162252	15.92						
9	Cook, Illinois, US	166457	0.42	5369	3.23	0	0.00	161088	96.77						
10	Harris, Texas, US	155192	0.39	2735	1.76	0	0.00	152457	98.24						
11	Catalonia, Spain	179552	0.45	5919	3.30	26203	14.59	147430	82.11						
12	Maricopa, Arizona, US	150881	0.38	3519	2.33	0	0.00	147362	97.67						
13	Sao Paulo, Brazil	1068962	2.69	38246	3.58	908199	84.96	122517	11.46						
14	Czechia	193946	0.49	1619	0.83	79108	40.79	113219	58.38						
15	Karnataka, India	770604	1.94	10542	1.37	653829	84.85	106233	13.79						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	39790104	1090126	23675707	NA											
Average	10068.35	275.84	5990.82	NA											
Standard Deviation	54453.79	1658.39	45061.29	NA											
* Statistical estimators computed considering 3952 independent reported entries															

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

****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	40729251	1124027	27846487												
	2.76%	68.37%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	152544.01	4209.84	109631.84												
	2.76%	71.87%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	772806.7	19452.98	560661.09												
	2.52%	72.55%													

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* Statistical estimators computed considering 267/267/254 independent reported entries per case-type
