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```
#####
#### TS-CONFIRMED Cases -- Data dated: 2021-05-19 :: 2021-05-20 13:02:33
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 87
Unique number of distinct geographical locations combined: 275
```

Worldwide ts-confirmed Totals: 164902902

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		33026624	20.03	29293	27819	28666	38087	47514	61273
2	India		25772440	15.63	276110	267334	263533	343144	414188	295158
3	Brazil		15812055	9.59	79219	75445	30148	74592	73380	69381
4	France		5863138	3.56	18128	16001	3350	19461	21476	44003
5	Turkey		5151038	3.12	11553	11937	10174	11534	22388	61028
6	Russia		4908794	2.98	7799	8057	9204	8259	7518	8044
7	United Kingdom		4452527	2.70	2135	-2364	1979	2656	2613	2524
8	Italy		4172525	2.53	5500	4449	3454	8082	11798	12069
9	Germany		3627777	2.20	11881	7576	5381	13631	17917	31397
10	Spain		3625928	2.20	6080	3988	11061	5701	7960	0
11	Argentina		3411160	2.07	39652	35543	28680	26531	24086	29145
12	Colombia		3161126	1.92	16579	13137	12984	19160	16490	16965
13	Poland		2859261	1.73	2337	1734	1111	3423	6427	9244
14	Iran		2792204	1.69	12789	13930	14319	14246	18409	25492
15	Mexico		2387512	1.45	2000	2767	822	3632	2846	4262

Global Perc. Average: 0.36 (sd: 1.69)

Global Perc. Average in top 15 : 4.89 (sd: 5.66)

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#####
#### TS-DEATHS Cases -- Data dated: 2021-05-19 :: 2021-05-20 13:02:34
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 87
Unique number of distinct geographical locations combined: 275
```

Worldwide ts-deaths Totals: 3417682

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		587874	1.78	655	760	389	802	793	836
2	Brazil		441691	2.79	2641	2513	786	2383	2550	3321
3	India		287122	1.11	3874	4529	4329	4000	3915	2023
4	Mexico		220850	9.25	104	253	56	311	166	582
5	United Kingdom		127694	2.87	3	7	5	11	13	33
6	Italy		124646	2.99	149	201	140	201	258	390
7	Russia		115003	2.34	384	356	336	385	344	372
8	France		107390	1.83	134	215	196	131	219	373
9	Germany		86908	2.40	237	285	220	402	284	327
10	Colombia		82743	2.62	452	482	509	499	399	429
11	Spain		79568	2.19	66	70	93	73	160	0
12	Iran		77765	2.79	233	310	286	297	338	395
13	Argentina		72265	2.12	494	744	505	447	398	316
14	Poland		72250	2.53	330	245	11	342	511	601

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15 Peru 67034 3.52 563 251 0 0 302 417

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#####
#### TS-RECOVERED Cases -- Data dated: 2021-05-19 :: 2021-05-20 13:02:35
#####
Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 71
Unique number of distinct geographical locations combined: 260
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Worldwide ts-recovered Totals: 101250071

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		22355440	369077	389851	422436	344776	331507	167474
2	Brazil		14043766	85952	101083	92211	40271	30929	78963
3	Turkey		4980516	9271	10125	13864	55472	37298	55592
4	Russia		4529214	9326	8792	7151	9217	7651	9468
5	Italy		3741149	13929	11831	9305	14295	15867	22453
6	Germany		3359530	17180	19160	16930	34560	21670	19550
7	Argentina		3009150	16825	19058	20668	22094	22765	21470
8	Colombia		2961313	13652	16381	13696	15029	18280	17492
9	Poland		2610932	1716	3513	4729	2232	6067	19674
10	Iran		2272719	14673	16023	15901	17803	18265	13212
11	Ukraine		1952019	17337	17931	6899	19639	14488	12238
12	Mexico		1907538	1947	2097	2172	2247	2366	3245
13	Peru		1847981	9334	4275	0	0	6618	8814
14	Indonesia		1616603	4364	5628	5754	4201	5440	6728
15	Czechia		1602118	2237	2950	4668	1057	1232	6124

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2021-05-20 :: 2021-05-20 13:02:35
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Number of Countries/Regions reported: 192
Number of Cities/Provinces reported: 576
Unique number of distinct geographical locations combined: 3978

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	5863138	3.56	107390	1.83	324444	5.53	5431304	92.63
2	Maharashtra, India	5467537	3.32	84371	1.54	4978937	91.06	404229	7.39
3	Turkey	5151038	3.12	45419	0.88	4980516	96.69	125103	2.43
4	England, United Kingdom	3887954	2.36	112318	2.89	0	0.00	3775636	97.11
5	Argentina	3411160	2.07	72265	2.12	3009150	88.21	329745	9.67
6	Sao Paulo, Brazil	3129412	1.90	105852	3.38	2812192	89.86	211368	6.75
7	Poland	2859261	1.73	72250	2.53	2610932	91.31	176079	6.16
8	Iran	2792204	1.69	77765	2.79	2272719	81.40	441720	15.82
9	Karnataka, India	2306655	1.40	23306	1.01	1724438	74.76	558911	24.23
10	Kerala, India	2233468	1.35	6724	0.30	1894518	84.82	332226	14.87
11	Indonesia	1753101	1.06	48669	2.78	1616603	92.21	87829	5.01
12	Tamil Nadu, India	1699225	1.03	18734	1.10	1426915	83.97	253576	14.92

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13	Czechia	1655414	1.00	29948	1.81	1602118	96.78	23348	1.41
14	Uttar Pradesh, India	1644849	1.00	18352	1.12	1502918	91.37	123579	7.51
15	South Africa	1621362	0.98	55507	3.42	1528868	94.30	36987	2.28

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2021-05-20 :: 2021-05-20 13:02:35

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Number of Countries/Regions reported: 192
 Number of Cities/Provinces reported: 576
 Unique number of distinct geographical locations combined: 3978

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	3887954	2.36	112318	2.89	0	0.00	3775636	97.11
2	France	5863138	3.56	107390	1.83	324444	5.53	5431304	92.63
3	Sao Paulo, Brazil	3129412	1.90	105852	3.38	2812192	89.86	211368	6.75
4	Maharashtra, India	5467537	3.32	84371	1.54	4978937	91.06	404229	7.39
5	Iran	2792204	1.69	77765	2.79	2272719	81.40	441720	15.82
6	Argentina	3411160	2.07	72265	2.12	3009150	88.21	329745	9.67
7	Poland	2859261	1.73	72250	2.53	2610932	91.31	176079	6.16
8	South Africa	1621362	0.98	55507	3.42	1528868	94.30	36987	2.28
9	Indonesia	1753101	1.06	48669	2.78	1616603	92.21	87829	5.01
10	Rio de Janeiro, Brazil	828283	0.50	48662	5.88	766981	92.60	12640	1.53
11	Turkey	5151038	3.12	45419	0.88	4980516	96.69	125103	2.43
12	Minas Gerais, Brazil	1483200	0.90	37927	2.56	1368401	92.26	76872	5.18
13	Mexico, Mexico	248057	0.15	34543	13.93	0	0.00	213514	86.07
14	Lombardia, Italy	827698	0.50	33416	4.04	757040	91.46	37242	4.50
15	Ciudad de Mexico, Mexico	651967	0.40	33045	5.07	0	0.00	618922	94.93

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2021-05-20 :: 2021-05-20 13:02:35

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Number of Countries/Regions reported: 192
 Number of Cities/Provinces reported: 576
 Unique number of distinct geographical locations combined: 3978

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Turkey	5151038	3.12	45419	0.88	4980516	96.69	125103	2.43
2	Maharashtra, India	5467537	3.32	84371	1.54	4978937	91.06	404229	7.39
3	Argentina	3411160	2.07	72265	2.12	3009150	88.21	329745	9.67
4	Sao Paulo, Brazil	3129412	1.90	105852	3.38	2812192	89.86	211368	6.75
5	Poland	2859261	1.73	72250	2.53	2610932	91.31	176079	6.16
6	Iran	2792204	1.69	77765	2.79	2272719	81.40	441720	15.82
7	Kerala, India	2233468	1.35	6724	0.30	1894518	84.82	332226	14.87
8	Karnataka, India	2306655	1.40	23306	1.01	1724438	74.76	558911	24.23
9	Indonesia	1753101	1.06	48669	2.78	1616603	92.21	87829	5.01
10	Czechia	1655414	1.00	29948	1.81	1602118	96.78	23348	1.41
11	South Africa	1621362	0.98	55507	3.42	1528868	94.30	36987	2.28
12	Uttar Pradesh, India	1644849	1.00	18352	1.12	1502918	91.37	123579	7.51
13	Tamil Nadu, India	1699225	1.03	18734	1.10	1426915	83.97	253576	14.92
14	Minas Gerais, Brazil	1483200	0.90	37927	2.56	1368401	92.26	76872	5.18

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15	Delhi, India	1406719	0.85	22346	1.59	1339326	95.21	45047	3.20						
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#####															
##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2021-05-20 :: 2021-05-20 13:02:35															
#####															
Number of Countries/Regions reported: 192															
Number of Cities/Provinces reported: 576															
Unique number of distinct geographical locations combined: 3978															

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	France	5863138	3.56	107390	1.83	324444	5.53	5431304	92.63						
2	England, United Kingdom	3887954	2.36	112318	2.89	0	0.00	3775636	97.11						
3	Lima, Peru	863454	0.52	29013	3.36	0	0.00	834441	96.64						
4	Serbia	708328	0.43	6725	0.95	0	0.00	701603	99.05						
5	Madrid, Spain	706306	0.43	15196	2.15	40736	5.77	650374	92.08						
6	Ciudad de Mexico, Mexico	651967	0.40	33045	5.07	0	0.00	618922	94.93						
7	Catalonia, Spain	603975	0.37	14491	2.40	26203	4.34	563281	93.26						
8	Karnataka, India	2306655	1.40	23306	1.01	1724438	74.76	558911	24.23						
9	Andalusia, Spain	571401	0.35	9840	1.72	10671	1.87	550890	96.41						
10	Iran	2792204	1.69	77765	2.79	2272719	81.40	441720	15.82						
11	Maharashtra, India	5467537	3.32	84371	1.54	4978937	91.06	404229	7.39						
12	Zuid-Holland, Netherlands	383431	0.23	4212	1.10	0	0.00	379219	98.90						
13	C. Valenciana, Spain	393076	0.24	7369	1.87	9970	2.54	375737	95.59						
14	Switzerland	684954	0.42	10756	1.57	317600	46.37	356598	52.06						
15	Kerala, India	2233468	1.35	6724	0.30	1894518	84.82	332226	14.87						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	164849077	3392172	NA	NA											
Average	41440.19	852.73	NA	NA											
Standard Deviation	229962.1	4815.78	NA	NA											
* Statistical estimators computed considering 3978 independent reported entries															

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

****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	164902902	3417682	101250071												
	2.07%	61.4%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	599646.92	12427.93	389423.35												
	2.07%	64.94%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	2792437.39	52218.22	1747706.93												
	1.87%	62.59%													

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* Statistical estimators computed considering 275/275/260 independent reported entries per case-type
