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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42
#####
Number of Countries/Regions reported: 185
Number of Cities/Provinces reported: 83
Unique number of distinct geographical locations combined: 264
```

Worldwide ts-confirmed Totals: 2401378

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		759086	31.61	26889	32491	32114	25306	29595	6327
2	Spain		198674	8.27	6948	887	5891	3268	5029	4964
3	Italy		178972	7.45	3047	3491	3493	3153	3599	6557
4	France		152894	6.37	4925	0	2009	3665	3912	1670
5	Germany		145184	6.05	1842	1945	3699	2218	3251	2365
6	United Kingdom		120067	5.00	5850	5525	5599	4342	3802	1035
7	Turkey		86306	3.59	3977	3783	4353	4093	3148	311
8	Iran		82211	3.42	1343	1374	1499	1617	2274	966
9	China	Hubei	68128	2.84	0	0	325	0	0	0
10	Russia		42853	1.78	6060	4785	4070	2558	954	53
11	Brazil		38654	1.61	1996	2976	3257	1238	1031	228
12	Belgium		38496	1.60	1313	1045	1329	942	1123	558
13	Netherlands		32655	1.36	1066	1140	1235	964	952	637
14	Switzerland		27740	1.16	336	326	346	273	557	1281
15	Portugal		20206	0.84	521	663	181	349	452	260

Global Perc. Average: 0.38 (sd: 2.17)

Global Perc. Average in top 15 : 5.53 (sd: 7.61)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42
#####
Number of Countries/Regions reported: 185
Number of Cities/Provinces reported: 83
Unique number of distinct geographical locations combined: 264
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Worldwide ts-deaths Totals: 165043

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		40661	5.36	1997	1891	3857	1509	1164	63
2	Italy		23660	13.22	433	482	575	566	636	793
3	Spain		20453	10.29	410	41	687	547	700	332
4	France		19718	12.90	395	642	761	574	833	112
5	United Kingdom		16060	13.38	596	888	847	717	439	56
6	Belgium		5683	14.76	230	290	306	303	185	30
7	Iran		5118	6.23	87	73	89	111	136	123
8	Germany		4586	3.16	127	107	300	172	226	17
9	China	Hubei	4512	6.62	0	0	1290	2	2	6
10	Netherlands		3684	11.28	83	142	144	86	101	30
11	Brazil		2462	6.37	108	213	217	105	78	4
12	Turkey		2017	2.34	127	121	126	98	75	5
13	Sweden		1540	10.71	29	111	67	20	76	4
14	Switzerland		1393	5.02	25	41	46	32	50	21

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15	Canada	Quebec	820	4.57	132	0	58	32	46	4
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Global Perc. Average: 3.74 (sd: 7.31)
 Global Perc. Average in top 15 : 8.41 (sd: 4.12)

 ##### TS-RECOVERED Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42
 #####
 Number of Countries/Regions reported: 185
 Number of Cities/Provinces reported: 68
 Unique number of distinct geographical locations combined: 250

Worldwide ts-recovered Totals: 623903

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Germany		88000	2600	2286	6114	4000	0	53
2	Spain		77357	2560	0	0	2336	2357	537
3	US		70337	5497	6295	3842	10494	2133	29
4	China	Hubei	63507	13	7	-948	57	69	564
5	Iran		57023	1036	1923	1835	2089	4500	890
6	Italy		47055	2128	2200	2563	1224	1022	1632
7	France		36578	595	1563	1608	532	1067	0
8	Brazil		22130	8104	0	0	0	0	0
9	Switzerland		17800	700	700	500	1000	1641	0
10	Turkey		11976	1523	1822	1542	511	284	0
11	Canada		11847	883	419	847	635	244	1
12	Austria		10501	287	510	718	356	465	0
13	Belgium		8757	409	387	399	244	235	262
14	Korea, South		8042	105	108	72	79	135	0
15	Peru		6811	127	143	421	844	8	0

 ##### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42
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Number of Countries/Regions reported: 185
 Number of Cities/Provinces reported: 138
 Unique number of distinct geographical locations combined: 3072

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Spain	198674	8.27	20453	10.29	77357	38.94	100864	50.77
2	Italy	178972	7.45	23660	13.22	47055	26.29	108257	60.49
3	France	152894	6.37	19718	12.90	36578	23.92	96598	63.18
4	Germany	145184	6.05	4586	3.16	88000	60.61	52598	36.23
5	New York City, New York, US	138700	5.78	14451	10.42	0	0.00	124249	89.58
6	United Kingdom	120067	5.00	16060	13.38	0	0.00	104007	86.62
7	Turkey	86306	3.59	2017	2.34	11976	13.88	72313	83.79
8	Iran	82211	3.42	5118	6.23	57023	69.36	20070	24.41
9	Hubei, China	68128	2.84	4512	6.62	63507	93.22	109	0.16
10	Russia	42853	1.78	361	0.84	3291	7.68	39201	91.48

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11	Brazil	38654	1.61	2462	6.37	22130	57.25	14062	36.38
12	Belgium	38496	1.60	5683	14.76	8757	22.75	24056	62.49
13	Netherlands	32655	1.36	3684	11.28	250	0.77	28721	87.95
14	Nassau, New York, US	30013	1.25	1109	3.70	0	0.00	28904	96.30
15	Switzerland	27740	1.16	1393	5.02	17800	64.17	8547	30.81

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42

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Number of Countries/Regions reported: 185
 Number of Cities/Provinces reported: 138
 Unique number of distinct geographical locations combined: 3072

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Italy	178972	7.45	23660	13.22	47055	26.29	108257	60.49
2	Spain	198674	8.27	20453	10.29	77357	38.94	100864	50.77
3	France	152894	6.37	19718	12.90	36578	23.92	96598	63.18
4	United Kingdom	120067	5.00	16060	13.38	0	0.00	104007	86.62
5	New York City, New York, US	138700	5.78	14451	10.42	0	0.00	124249	89.58
6	Belgium	38496	1.60	5683	14.76	8757	22.75	24056	62.49
7	Iran	82211	3.42	5118	6.23	57023	69.36	20070	24.41
8	Germany	145184	6.05	4586	3.16	88000	60.61	52598	36.23
9	Hubei, China	68128	2.84	4512	6.62	63507	93.22	109	0.16
10	Netherlands	32655	1.36	3684	11.28	250	0.77	28721	87.95
11	Brazil	38654	1.61	2462	6.37	22130	57.25	14062	36.38
12	Turkey	86306	3.59	2017	2.34	11976	13.88	72313	83.79
13	Sweden	14385	0.60	1540	10.71	550	3.82	12295	85.47
14	Switzerland	27740	1.16	1393	5.02	17800	64.17	8547	30.81
15	Wayne, Michigan, US	13692	0.57	1119	8.17	0	0.00	12573	91.83

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42

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Number of Countries/Regions reported: 185
 Number of Cities/Provinces reported: 138
 Unique number of distinct geographical locations combined: 3072

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Germany	145184	6.05	4586	3.16	88000	60.61	52598	36.23
2	Spain	198674	8.27	20453	10.29	77357	38.94	100864	50.77
3	Recovered, US	0	0.00	0	NaN	70337	Inf	-70337	-Inf
4	Hubei, China	68128	2.84	4512	6.62	63507	93.22	109	0.16
5	Iran	82211	3.42	5118	6.23	57023	69.36	20070	24.41
6	Italy	178972	7.45	23660	13.22	47055	26.29	108257	60.49
7	France	152894	6.37	19718	12.90	36578	23.92	96598	63.18
8	Brazil	38654	1.61	2462	6.37	22130	57.25	14062	36.38
9	Switzerland	27740	1.16	1393	5.02	17800	64.17	8547	30.81
10	Turkey	86306	3.59	2017	2.34	11976	13.88	72313	83.79
11	Recovered, Canada	0	0.00	0	NaN	11847	Inf	-11847	-Inf
12	Austria	14749	0.61	452	3.06	10501	71.20	3796	25.74

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13	Belgium	38496	1.60	5683	14.76	8757	22.75	24056	62.49
14	Korea, South	10661	0.44	234	2.19	8042	75.43	2385	22.37
15	Peru	15628	0.65	400	2.56	6811	43.58	8417	53.86

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AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-04-19 :: 2020-04-20 01:01:42

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Number of Countries/Regions reported: 185
 Number of Cities/Provinces reported: 138
 Unique number of distinct geographical locations combined: 3072

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	New York City, New York, US	138700	5.78	14451	10.42	0	0.00	124249	89.58
2	Italy	178972	7.45	23660	13.22	47055	26.29	108257	60.49
3	United Kingdom	120067	5.00	16060	13.38	0	0.00	104007	86.62
4	Spain	198674	8.27	20453	10.29	77357	38.94	100864	50.77
5	France	152894	6.37	19718	12.90	36578	23.92	96598	63.18
6	Turkey	86306	3.59	2017	2.34	11976	13.88	72313	83.79
7	Germany	145184	6.05	4586	3.16	88000	60.61	52598	36.23
8	Russia	42853	1.78	361	0.84	3291	7.68	39201	91.48
9	Nassau, New York, US	30013	1.25	1109	3.70	0	0.00	28904	96.30
10	Netherlands	32655	1.36	3684	11.28	250	0.77	28721	87.95
11	Suffolk, New York, US	26888	1.12	693	2.58	0	0.00	26195	97.42
12	Belgium	38496	1.60	5683	14.76	8757	22.75	24056	62.49
13	Westchester, New York, US	23803	0.99	668	2.81	0	0.00	23135	97.19
14	Cook, Illinois, US	21272	0.89	877	4.12	0	0.00	20395	95.88
15	Iran	82211	3.42	5118	6.23	57023	69.36	20070	24.41

	Confirmed	Deaths	Recovered	Active
Totals	2401379	165044	623903	1612432
Average	781.7	53.73	203.09	524.88
Standard Deviation	7692.97	800.28	3172.75	5105.79

* Statistical estimators computed considering 3072 independent reported entries

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

**** Time Series TOTS ****

ts-confirmed	ts-deaths	ts-recovered
2401378	165043	623903
	6.87%	25.98%

**** Time Series AVGS ****

ts-confirmed	ts-deaths	ts-recovered
9096.13	625.16	2495.61
	6.87%	27.44%

**** Time Series SDS ****

ts-confirmed	ts-deaths	ts-recovered
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52104.48	3546.52	10881.52
	6.81%	20.88%

* Statistical estimators computed considering 250 independent reported entries
