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## covid19-SummaryReport\_2020-04-24.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-04-23 :: 2020-04-24 01:01:43
#####
Number of Countries/Regions reported: 185
Number of Cities/Provinces reported: 83
Unique number of distinct geographical locations combined: 264
```

Worldwide ts-confirmed Totals: 2708884

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		869170	32.09	28819	28486	27539	32114	33755	12042
2	Spain		213024	7.86	4635	4211	3968	5891	5051	9630
3	Italy		189973	7.01	2646	3370	2729	3493	3951	5210
4	France		158183	5.84	2323	-2190	2775	2009	4342	2929
5	Germany		153129	5.65	2481	2357	1226	3699	3990	4337
6	United Kingdom		138078	5.10	4583	4451	4301	5599	8681	1452
7	Turkey		101790	3.76	3116	3083	4611	4353	4747	561
8	Iran		87026	3.21	1030	1194	1297	1499	1972	2206
9	China	Hubei	68128	2.51	0	0	0	325	0	0
10	Russia		62773	2.32	4774	5236	5642	4070	1786	163
11	Brazil		50036	1.85	4279	2678	2336	3257	1546	307
12	Belgium		42797	1.58	908	933	973	1329	1684	668
13	Netherlands		35729	1.32	887	708	729	1235	1335	852
14	Switzerland		28496	1.05	228	205	119	346	500	1020
15	India		23077	0.85	1707	1290	1541	922	873	121

Global Perc. Average: 0.38 (sd: 2.18)

Global Perc. Average in top 15 : 5.47 (sd: 7.7)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-04-23 :: 2020-04-24 01:01:43
#####
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: 190857

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		49954	5.75	3332	2178	2350	3857	2051	236
2	Italy		25549	13.45	464	437	534	575	570	683
3	Spain		22157	10.40	440	435	430	687	634	839
4	France		21856	13.82	516	544	531	761	987	231
5	United Kingdom		18738	13.57	638	763	828	847	980	43
6	Belgium		6490	15.16	228	264	170	306	496	56
7	Germany		5575	3.64	296	246	171	300	160	49
8	Iran		5481	6.30	90	94	88	89	122	143
9	China	Hubei	4512	6.62	0	0	0	1290	1	3
10	Netherlands		4177	11.69	123	138	165	144	115	80
11	Brazil		3331	6.66	425	165	154	217	107	13
12	Turkey		2491	2.45	115	117	119	126	98	15
13	Sweden		2021	12.06	84	172	185	67	77	26
14	Switzerland		1549	5.44	40	31	49	46	54	31

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15	Canada	Quebec	1243	5.69	109	90	105	58	25	2
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#####
#### TS-RECOVERED Cases -- Data dated: 2020-04-23 :: 2020-04-24 01:01:43
#####
Number of Countries/Regions reported: 185
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 250
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Worldwide ts-recovered Totals: 738486

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Germany		103300	3900	4200	3700	6114	1506	304
2	Spain		89250	3335	3401	1927	0	3503	1573
3	US		80203	2837	2162	2875	3842	3380	13
4	Iran		64843	1730	2148	1692	1835	3156	712
5	China	Hubei	63569	50	5	3	-948	49	487
6	Italy		57576	3033	2943	2723	2563	1985	1036
7	France		42088	1431	1476	1772	1608	1726	657
8	Brazil		26573	1255	2327	861	0	0	0
9	Switzerland		20600	700	500	800	500	500	0
10	Turkey		18491	2014	1559	1488	1542	281	26
11	Canada		14761	307	1266	645	847	693	73
12	Austria		11694	366	357	340	718	824	0
13	Belgium		9800	367	431	107	399	404	86
14	Ireland		9233	0	0	9156	0	0	0
15	Korea, South		8501	224	64	99	72	144	223

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-04-24 :: 2020-04-24 01:01:43
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Number of Countries/Regions reported: 185
Number of Cities/Provinces reported: 138
Unique number of distinct geographical locations combined: 3120
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Spain	213024	7.86	22157	10.40	89250	41.90	101617	47.70
2	Italy	189973	7.01	25549	13.45	57576	30.31	106848	56.24
3	France	158183	5.84	21856	13.82	42088	26.61	94239	59.58
4	Germany	153129	5.65	5575	3.64	103300	67.46	44254	28.90
5	New York City, New York, US	145855	5.38	16388	11.24	0	0.00	129467	88.76
6	United Kingdom	138078	5.10	18738	13.57	0	0.00	119340	86.43
7	Turkey	101790	3.76	2491	2.45	18491	18.17	80808	79.39
8	Iran	87026	3.21	5481	6.30	64843	74.51	16702	19.19
9	Hubei, China	68128	2.51	4512	6.62	63569	93.31	47	0.07
10	Russia	62773	2.32	555	0.88	4891	7.79	57327	91.32
11	Brazil	50036	1.85	3331	6.66	26573	53.11	20132	40.24
12	Belgium	42797	1.58	6490	15.16	9800	22.90	26507	61.94

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13	Netherlands	35729	1.32	4177	11.69	0	0.00	31552	88.31
14	Nassau, New York, US	32124	1.19	1471	4.58	0	0.00	30653	95.42
15	Suffolk, New York, US	29567	1.09	959	3.24	0	0.00	28608	96.76

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-04-24 :: 2020-04-24 01:01:43

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Number of Countries/Regions reported: 185  
 Number of Cities/Provinces reported: 138  
 Unique number of distinct geographical locations combined: 3120

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Italy	189973	7.01	25549	13.45	57576	30.31	106848	56.24
2	Spain	213024	7.86	22157	10.40	89250	41.90	101617	47.70
3	France	158183	5.84	21856	13.82	42088	26.61	94239	59.58
4	United Kingdom	138078	5.10	18738	13.57	0	0.00	119340	86.43
5	New York City, New York, US	145855	5.38	16388	11.24	0	0.00	129467	88.76
6	Belgium	42797	1.58	6490	15.16	9800	22.90	26507	61.94
7	Germany	153129	5.65	5575	3.64	103300	67.46	44254	28.90
8	Iran	87026	3.21	5481	6.30	64843	74.51	16702	19.19
9	Hubei, China	68128	2.51	4512	6.62	63569	93.31	47	0.07
10	Netherlands	35729	1.32	4177	11.69	0	0.00	31552	88.31
11	Brazil	50036	1.85	3331	6.66	26573	53.11	20132	40.24
12	Turkey	101790	3.76	2491	2.45	18491	18.17	80808	79.39
13	Sweden	16755	0.62	2021	12.06	550	3.28	14184	84.66
14	Switzerland	28496	1.05	1549	5.44	20600	72.29	6347	22.27
15	Nassau, New York, US	32124	1.19	1471	4.58	0	0.00	30653	95.42

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-04-24 :: 2020-04-24 01:01:43

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Number of Countries/Regions reported: 185  
 Number of Cities/Provinces reported: 138  
 Unique number of distinct geographical locations combined: 3120

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Germany	153129	5.65	5575	3.64	103300	67.46	44254	28.90
2	Spain	213024	7.86	22157	10.40	89250	41.90	101617	47.70
3	Recovered, US	0	0.00	0	NaN	80203	Inf	-80203	-Inf
4	Iran	87026	3.21	5481	6.30	64843	74.51	16702	19.19
5	Hubei, China	68128	2.51	4512	6.62	63569	93.31	47	0.07
6	Italy	189973	7.01	25549	13.45	57576	30.31	106848	56.24
7	France	158183	5.84	21856	13.82	42088	26.61	94239	59.58
8	Brazil	50036	1.85	3331	6.66	26573	53.11	20132	40.24
9	Switzerland	28496	1.05	1549	5.44	20600	72.29	6347	22.27
10	Turkey	101790	3.76	2491	2.45	18491	18.17	80808	79.39
11	Recovered, Canada	0	0.00	0	NaN	14761	Inf	-14761	-Inf
12	Austria	15002	0.55	522	3.48	11694	77.95	2786	18.57
13	Belgium	42797	1.58	6490	15.16	9800	22.90	26507	61.94
14	Ireland	17607	0.65	794	4.51	9233	52.44	7580	43.05

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15	Korea, South	10708	0.40	240	2.24	8501	79.39	1967	18.37
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#####
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-04-24 :: 2020-04-24 01:01:43
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Number of Countries/Regions reported: 185
Number of Cities/Provinces reported: 138
Unique number of distinct geographical locations combined: 3120
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	New York City, New York, US	145855	5.38	16388	11.24	0	0.00	129467	88.76
2	United Kingdom	138078	5.10	18738	13.57	0	0.00	119340	86.43
3	Italy	189973	7.01	25549	13.45	57576	30.31	106848	56.24
4	Spain	213024	7.86	22157	10.40	89250	41.90	101617	47.70
5	France	158183	5.84	21856	13.82	42088	26.61	94239	59.58
6	Turkey	101790	3.76	2491	2.45	18491	18.17	80808	79.39
7	Russia	62773	2.32	555	0.88	4891	7.79	57327	91.32
8	Germany	153129	5.65	5575	3.64	103300	67.46	44254	28.90
9	Netherlands	35729	1.32	4177	11.69	0	0.00	31552	88.31
10	Nassau, New York, US	32124	1.19	1471	4.58	0	0.00	30653	95.42
11	Suffolk, New York, US	29567	1.09	959	3.24	0	0.00	28608	96.76
12	Belgium	42797	1.58	6490	15.16	9800	22.90	26507	61.94
13	Westchester, New York, US	25959	0.96	863	3.32	0	0.00	25096	96.68
14	Cook, Illinois, US	25811	0.95	1142	4.42	0	0.00	24669	95.58
15	Quebec, Canada	21838	0.81	1243	5.69	0	0.00	20595	94.31

	Confirmed	Deaths	Recovered	Active
Totals	2708885	190858	738486	1779541
Average	868.23	61.17	236.69	570.37
Standard Deviation	8253.62	880.39	3608.3	5377.35

\* Statistical estimators computed considering 3120 independent reported entries

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*****
***** OVERALL SUMMARY *****
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**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
2708884 190857 738486
7.05% 27.26%

**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
10260.92 722.94 2953.94
7.05% 28.79%

**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
58985.53 4138.07 12451.08
7.02% 21.11%
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\* Statistical estimators computed considering 264/264/250 independent reported entries per case-type  
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