

Apr 21, 20 1:01

## covid19-SummaryReport\_2020-04-21.txt

Page 1/5

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-04-20 :: 2020-04-21 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: 2472258

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		784326	31.73	25240	26889	32491	27051	30838	7676
2	Spain		200210	8.10	1536	6948	887	2442	5267	3394
3	Italy		181228	7.33	2256	3047	3491	2972	3039	5560
4	France		155275	6.28	2381	4925	0	5955	3777	1736
5	Germany		147065	5.95	1881	1842	1945	1287	4289	2660
6	United Kingdom		124743	5.05	4676	5850	5525	5252	3634	665
7	Turkey		90980	3.68	4674	3977	3783	4062	3892	566
8	Iran		83505	3.38	1294	1343	1374	1574	2089	1028
9	China	Hubei	68128	2.76	0	0	0	0	0	0
10	Russia		47121	1.91	4268	6060	4785	2774	1154	61
11	Brazil		40743	1.65	2089	1996	2976	1832	1873	525
12	Belgium		39983	1.62	1487	1313	1045	530	1380	586
13	Netherlands		33405	1.35	750	1066	1140	868	777	573
14	Switzerland		27944	1.13	204	336	326	248	596	899
15	Portugal		20863	0.84	657	521	663	514	712	320

Global Perc. Average: 0.38 (sd: 2.17)

Global Perc. Average in top 15 : 5.52 (sd: 7.63)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-04-20 :: 2020-04-21 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: 169985

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		42094	5.37	1433	1997	1891	2303	2011	110
2	Italy		24114	13.31	454	433	482	602	604	651
3	Spain		20852	10.42	399	410	41	300	704	397
4	France		20265	13.05	547	395	642	762	1417	112
5	United Kingdom		16509	13.23	449	596	888	778	786	48
6	Belgium		5828	14.58	145	230	290	254	403	8
7	Iran		5209	6.24	91	87	73	98	133	129
8	Germany		4862	3.31	276	127	107	100	206	10
9	China	Hubei	4512	6.62	0	0	0	0	0	14
10	Netherlands		3751	11.23	67	83	142	122	234	43
11	Brazil		2587	6.35	125	108	213	204	122	10
12	Turkey		2140	2.35	123	127	121	107	76	21
13	Sweden		1580	10.69	40	29	111	114	114	1
14	Switzerland		1429	5.11	36	25	41	36	56	23

Apr 21, 20 1:01

## covid19-SummaryReport\_2020-04-21.txt

Page 2/5

15	Canada	Quebec	939	4.86	119	132	0	75	29	-1
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#####
#### TS-RECOVERED Cases -- Data dated: 2020-04-20 :: 2020-04-21 01:01:42
#####
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: 645738

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	Germany		91500	3500	2600	2286	3900	7381	33
2	Spain		80587	3230	2560	0	2777	2771	450
3	US		72329	1992	5497	6295	4281	2182	2
4	China	Hubei	63511	4	13	7	25	59	487
5	Iran		59273	2250	1036	1923	2146	2803	296
6	Italy		48877	1822	2128	2200	1695	1555	952
7	France		37409	831	595	1563	1087	2087	2188
8	Brazil		22130	0	8104	0	2873	0	0
9	Switzerland		18600	800	700	700	0	648	116
10	Turkey		13430	1454	1523	1822	842	256	0
11	Canada		12543	696	883	419	452	535	0
12	Austria		10631	130	287	510	290	583	0
13	Belgium		8895	138	409	387	161	171	0
14	Korea, South		8114	72	105	108	87	96	1369
15	Peru		6968	157	127	143	227	304	0

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-04-20 :: 2020-04-21 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: 3081
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Spain	200210	8.10	20852	10.42	80587	40.25	98771	49.33
2	Italy	181228	7.33	24114	13.31	48877	26.97	108237	59.72
3	France	155275	6.28	20265	13.05	37409	24.09	97601	62.86
4	Germany	147065	5.95	4862	3.31	91500	62.22	50703	34.48
5	New York City, New York, US	141235	5.71	14604	10.34	0	0.00	126631	89.66
6	United Kingdom	124743	5.05	16509	13.23	0	0.00	108234	86.77
7	Turkey	90980	3.68	2140	2.35	13430	14.76	75410	82.89
8	Iran	83505	3.38	5209	6.24	59273	70.98	19023	22.78
9	Hubei, China	68128	2.76	4512	6.62	63511	93.22	105	0.15
10	Russia	47121	1.91	405	0.86	3446	7.31	43270	91.83
11	Brazil	40743	1.65	2587	6.35	22130	54.32	16026	39.33
12	Belgium	39983	1.62	5828	14.58	8895	22.25	25260	63.18

Apr 21, 20 1:01

## covid19-SummaryReport\_2020-04-21.txt

Page 3/5

13	Netherlands	33405	1.35	3751	11.23	250	0.75	29404	88.02
14	Nassau, New York, US	30677	1.24	1329	4.33	0	0.00	29348	95.67
15	Suffolk, New York, US	28127	1.14	859	3.05	0	0.00	27268	96.95

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-04-20 :: 2020-04-21 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: 3081

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Italy	181228	7.33	24114	13.31	48877	26.97	108237	59.72
2	Spain	200210	8.10	20852	10.42	80587	40.25	98771	49.33
3	France	155275	6.28	20265	13.05	37409	24.09	97601	62.86
4	United Kingdom	124743	5.05	16509	13.23	0	0.00	108234	86.77
5	New York City, New York, US	141235	5.71	14604	10.34	0	0.00	126631	89.66
6	Belgium	39983	1.62	5828	14.58	8895	22.25	25260	63.18
7	Iran	83505	3.38	5209	6.24	59273	70.98	19023	22.78
8	Germany	147065	5.95	4862	3.31	91500	62.22	50703	34.48
9	Hubei, China	68128	2.76	4512	6.62	63511	93.22	105	0.15
10	Netherlands	33405	1.35	3751	11.23	250	0.75	29404	88.02
11	Brazil	40743	1.65	2587	6.35	22130	54.32	16026	39.33
12	Turkey	90980	3.68	2140	2.35	13430	14.76	75410	82.89
13	Sweden	14777	0.60	1580	10.69	550	3.72	12647	85.59
14	Switzerland	27944	1.13	1429	5.11	18600	66.56	7915	28.32
15	Nassau, New York, US	30677	1.24	1329	4.33	0	0.00	29348	95.67

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-04-20 :: 2020-04-21 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: 3081

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Germany	147065	5.95	4862	3.31	91500	62.22	50703	34.48
2	Spain	200210	8.10	20852	10.42	80587	40.25	98771	49.33
3	Recovered, US	0	0.00	0	NaN	72329	Inf	-72329	-Inf
4	Hubei, China	68128	2.76	4512	6.62	63511	93.22	105	0.15
5	Iran	83505	3.38	5209	6.24	59273	70.98	19023	22.78
6	Italy	181228	7.33	24114	13.31	48877	26.97	108237	59.72
7	France	155275	6.28	20265	13.05	37409	24.09	97601	62.86
8	Brazil	40743	1.65	2587	6.35	22130	54.32	16026	39.33
9	Switzerland	27944	1.13	1429	5.11	18600	66.56	7915	28.32
10	Turkey	90980	3.68	2140	2.35	13430	14.76	75410	82.89
11	Recovered, Canada	0	0.00	0	NaN	12543	Inf	-12543	-Inf
12	Austria	14795	0.60	470	3.18	10631	71.86	3694	24.97
13	Belgium	39983	1.62	5828	14.58	8895	22.25	25260	63.18
14	Korea, South	10674	0.43	236	2.21	8114	76.02	2324	21.77

Apr 21, 20 1:01

## covid19-SummaryReport\_2020-04-21.txt

Page 4/5

15	Peru	16325	0.66	445	2.73	6968	42.68	8912	54.59
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-04-20 :: 2020-04-21 01:01:43
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Number of Countries/Regions reported: 185
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Number of Cities/Provinces reported: 138
```

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Unique number of distinct geographical locations combined: 3081
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	New York City, New York, US	141235	5.71	14604	10.34	0	0.00	126631	89.66
2	Italy	181228	7.33	24114	13.31	48877	26.97	108237	59.72
3	United Kingdom	124743	5.05	16509	13.23	0	0.00	108234	86.77
4	Spain	200210	8.10	20852	10.42	80587	40.25	98771	49.33
5	France	155275	6.28	20265	13.05	37409	24.09	97601	62.86
6	Turkey	90980	3.68	2140	2.35	13430	14.76	75410	82.89
7	Germany	147065	5.95	4862	3.31	91500	62.22	50703	34.48
8	Russia	47121	1.91	405	0.86	3446	7.31	43270	91.83
9	Netherlands	33405	1.35	3751	11.23	250	0.75	29404	88.02
10	Nassau, New York, US	30677	1.24	1329	4.33	0	0.00	29348	95.67
11	Suffolk, New York, US	28127	1.14	859	3.05	0	0.00	27268	96.95
12	Belgium	39983	1.62	5828	14.58	8895	22.25	25260	63.18
13	Westchester, New York, US	24306	0.98	776	3.19	0	0.00	23530	96.81
14	Cook, Illinois, US	22101	0.89	915	4.14	0	0.00	21186	95.86
15	Portugal	20863	0.84	735	3.52	610	2.92	19518	93.55

	Confirmed	Deaths	Recovered	Active
Totals	2472259	169986	645738	1656535
Average	802.42	55.17	209.59	537.66
Standard Deviation	7826.04	816.72	3270.04	5184.43

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* Statistical estimators computed considering 3081 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
2472258	169985	645738
6.88%		26.12%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
9364.61	643.88	2582.95
6.88%		27.58%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
53671.77	3649.44	11230.04
6.8%		20.92%

\* Statistical estimators computed considering 264/264/250 independent reported entries per case-type  
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