

May 21, 20 1:01

## covid19-SummaryReport\_2020-05-21.txt

Page 1/5

```
#####
#### TS-CONFIRMED Cases -- Data dated: 2020-05-20 :: 2020-05-21 01:01:45
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 4996472

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		1551853	31.06	23285	20260	21551	27368	27692	27157
2	Russia		308705	6.18	8764	9263	8926	9974	11231	5642
3	Brazil		291579	5.84	19694	16517	14288	13028	9162	2336
4	United Kingdom		248293	4.97	-525	2412	2711	3446	5614	4301
5	Spain		232555	4.65	518	431	908	849	1122	3968
6	Italy		227364	4.55	665	813	451	992	1401	2729
7	France		179069	3.58	641	874	314	731	575	2733
8	Germany		178473	3.57	695	1227	182	380	1268	1226
9	Turkey		152587	3.05	972	1022	1158	1635	1977	4611
10	Iran		126949	2.54	2346	2111	2294	1808	1485	1297
11	India		112028	2.24	5553	6147	4630	3942	3364	1541
12	Peru		104020	2.08	4537	4550	2660	4298	3709	1512
13	China	Hubei	68135	1.36	0	0	1	0	0	0
14	Saudi Arabia		62545	1.25	2691	2509	2593	2039	1793	1147
15	Mexico		56594	1.13	2248	2713	2414	2409	1982	729

Global Perc. Average: 0.38 (sd: 2.07)

Global Perc. Average in top 15 : 5.2 (sd: 7.34)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-05-20 :: 2020-05-21 01:01:45
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
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Worldwide ts-deaths Totals: 328115

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		93439	6.02	1518	1574	785	1779	2207	2400
2	United Kingdom		35704	14.38	363	545	160	428	539	1172
3	Italy		32330	14.22	161	162	99	262	274	534
4	France		28084	15.68	108	-217	131	349	177	525
5	Spain		27888	11.99	110	69	146	217	213	430
6	Brazil		18859	6.47	876	1130	735	759	602	154
7	Belgium		9150	16.34	42	28	28	60	76	170
8	Germany		8144	4.56	63	78	41	23	117	171
9	Iran		7183	5.66	64	62	69	71	68	88
10	Mexico		6090	10.76	424	334	155	257	257	145
11	Netherlands		5748	12.93	33	21	14	28	84	165
12	China	Hubei	4512	6.62	0	0	0	0	0	0
13	Turkey		4222	2.77	23	28	31	55	57	119
14	Sweden		3831	12.15	88	45	19	69	99	185

May 21, 20 1:01

## covid19-SummaryReport\_2020-05-21.txt

Page 2/5

15	Canada	Quebec	3719	8.30	71	51	34	131	121	105
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#### TS-RECOVERED Cases -- Data dated: 2020-05-20 :: 2020-05-21 01:01:46
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 253
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Worldwide ts-recovered Totals: 1897466

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		294312	4920	6214	10913	2984	5126	2875
2	Germany		156966	1285	640	1030	1600	1800	3700
3	Spain		150376	0	0	3930	2551	2509	1927
4	Italy		132282	2881	2075	2150	2747	3031	2723
5	Brazil		116683	9889	6335	6337	1055	3980	861
6	Turkey		113987	1092	1318	1615	2315	4782	1488
7	Iran		98808	1635	1512	1197	1111	1157	1692
8	Russia		85392	9262	5921	2836	5527	2476	427
9	China	Hubei	63616	0	0	0	0	0	3
10	France		61713	467	830	509	932	1054	1761
11	India		45422	3113	3076	2438	1569	1445	702
12	Peru		41968	5444	6218	1685	827	861	14
13	Canada		40793	724	818	688	927	1076	645
14	Mexico		38419	1094	1937	2059	1485	0	0
15	Saudi Arabia		33478	1844	2886	3026	1429	1015	150

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-05-21 :: 2020-05-21 01:01:46
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Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 270
Unique number of distinct geographical locations combined: 3394
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Russia	308705	6.18	2972	0.96	85392	27.66	220341	71.38
2	United Kingdom	248293	4.97	35704	14.38	0	0.00	212589	85.62
3	New York City, New York, US	194550	3.89	20934	10.76	0	0.00	173616	89.24
4	France	179069	3.58	28084	15.68	61713	34.46	89272	49.85
5	Turkey	152587	3.05	4222	2.77	113987	74.70	34378	22.53
6	Iran	126949	2.54	7183	5.66	98808	77.83	20958	16.51
7	India	112028	2.24	3434	3.07	45422	40.55	63172	56.39
8	Peru	104020	2.08	3024	2.91	41968	40.35	59028	56.75
9	Lombardia, Italy	85775	1.72	15662	18.26	43442	50.65	26671	31.09
10	Sao Paulo, Brazil	69859	1.40	5363	7.68	0	0.00	64496	92.32
11	Hubei, China	68135	1.36	4512	6.62	63616	93.37	7	0.01
12	Madrid, Spain	66860	1.34	8912	13.33	0	0.00	57948	86.67

May 21, 20 1:01

## covid19-SummaryReport\_2020-05-21.txt

Page 3/5

13	Cook, Illinois, US	66213	1.33	3074	4.64	0	0.00	63139	95.36
14	Saudi Arabia	62545	1.25	339	0.54	33478	53.53	28728	45.93
15	Belgium	55983	1.12	9150	16.34	14847	26.52	31986	57.14

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-05-21 :: 2020-05-21 01:01:46

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Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 270  
 Unique number of distinct geographical locations combined: 3394

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	United Kingdom	248293	4.97	35704	14.38	0	0.00	212589	85.62
2	France	179069	3.58	28084	15.68	61713	34.46	89272	49.85
3	New York City, New York, US	194550	3.89	20934	10.76	0	0.00	173616	89.24
4	Lombardia, Italy	85775	1.72	15662	18.26	43442	50.65	26671	31.09
5	Belgium	55983	1.12	9150	16.34	14847	26.52	31986	57.14
6	Madrid, Spain	66860	1.34	8912	13.33	0	0.00	57948	86.67
7	Iran	126949	2.54	7183	5.66	98808	77.83	20958	16.51
8	Catalonia, Spain	55888	1.12	6021	10.77	0	0.00	49867	89.23
9	Netherlands	44447	0.89	5748	12.93	0	0.00	38699	87.07
10	Sao Paulo, Brazil	69859	1.40	5363	7.68	0	0.00	64496	92.32
11	Hubei, China	68135	1.36	4512	6.62	63616	93.37	7	0.01
12	Turkey	152587	3.05	4222	2.77	113987	74.70	34378	22.53
13	Emilia-Romagna, Italy	27364	0.55	4008	14.65	18258	66.72	5098	18.63
14	Sweden	31523	0.63	3831	12.15	4971	15.77	22721	72.08
15	Quebec, Canada	44784	0.90	3719	8.30	12822	28.63	28243	63.06

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-05-21 :: 2020-05-21 01:01:46

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Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 270  
 Unique number of distinct geographical locations combined: 3394

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	294312	Inf	-296007	-Inf
2	Unknown, Spain	0	0.00	0	NaN	150376	Inf	-150376	-Inf
3	Unknown, Brazil	0	0.00	0	NaN	116683	Inf	-116683	-Inf
4	Turkey	152587	3.05	4222	2.77	113987	74.70	34378	22.53
5	Iran	126949	2.54	7183	5.66	98808	77.83	20958	16.51
6	Russia	308705	6.18	2972	0.96	85392	27.66	220341	71.38
7	Hubei, China	68135	1.36	4512	6.62	63616	93.37	7	0.01
8	France	179069	3.58	28084	15.68	61713	34.46	89272	49.85
9	India	112028	2.24	3434	3.07	45422	40.55	63172	56.39
10	Lombardia, Italy	85775	1.72	15662	18.26	43442	50.65	26671	31.09
11	Peru	104020	2.08	3024	2.91	41968	40.35	59028	56.75
12	Bayern, Germany	46084	0.92	2353	5.11	40750	88.43	2981	6.47
13	Saudi Arabia	62545	1.25	339	0.54	33478	53.53	28728	45.93
14	Nordrhein-Westfalen, Germany	36766	0.74	1537	4.18	32700	88.94	2529	6.88

May 21, 20 1:01

## covid19-SummaryReport\_2020-05-21.txt

Page 4/5

15	Baden-Wurttemberg, Germany	34130	0.68	1679	4.92	30600	89.66	1851	5.42						
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#####															
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-05-21 :: 2020-05-21 01:01:46															
#####															
Number of Countries/Regions reported: 188															
Number of Cities/Provinces reported: 270															
Unique number of distinct geographical locations combined: 3394															
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active						
1	Russia	308705	6.18	2972	0.96	85392	27.66	220341	71.38						
2	United Kingdom	248293	4.97	35704	14.38	0	0.00	212589	85.62						
3	New York City, New York, US	194550	3.89	20934	10.76	0	0.00	173616	89.24						
4	France	179069	3.58	28084	15.68	61713	34.46	89272	49.85						
5	Sao Paulo, Brazil	69859	1.40	5363	7.68	0	0.00	64496	92.32						
6	India	112028	2.24	3434	3.07	45422	40.55	63172	56.39						
7	Cook, Illinois, US	66213	1.33	3074	4.64	0	0.00	63139	95.36						
8	Peru	104020	2.08	3024	2.91	41968	40.35	59028	56.75						
9	Madrid, Spain	66860	1.34	8912	13.33	0	0.00	57948	86.67						
10	Catalonia, Spain	55888	1.12	6021	10.77	0	0.00	49867	89.23						
11	Metropolitana, Chile	41179	0.82	348	0.85	0	0.00	40831	99.15						
12	Los Angeles, California, US	40895	0.82	1973	4.82	0	0.00	38922	95.18						
13	Netherlands	44447	0.89	5748	12.93	0	0.00	38699	87.07						
14	Nassau, New York, US	39368	0.79	2065	5.25	0	0.00	37303	94.75						
15	Suffolk, New York, US	38411	0.77	1791	4.66	0	0.00	36620	95.34						
=====															
	Confirmed	Deaths	Recovered	Active											
Totals	4996472	328115	1897466	2769196											
Average	1472.15	96.68	559.06	815.91											
Standard Deviation	10403.05	987.6	7209.67	9502.09											
* Statistical estimators computed considering 3394 independent reported entries															
*****															
***** OVERALL SUMMARY*****															
*****															
****	Time Series Worldwide TOTS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	4996472	328115	1897466												
	6.57%	37.98%													
****	Time Series Worldwide AVGS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	18783.73	1233.52	7499.87												
	6.57%	39.93%													
****	Time Series Worldwide SDS ****														
	ts-confirmed	ts-deaths	ts-recovered												
	103303.02	6995.26	28236.32												
	6.77%	27.33%													

May 21, 20 1:01

**covid19-SummaryReport\_2020-05-21.txt**

Page 5/5

\* Statistical estimators computed considering 266/266/253 independent reported entries per case-type  
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