

Coronavirus Disease – COVID-19

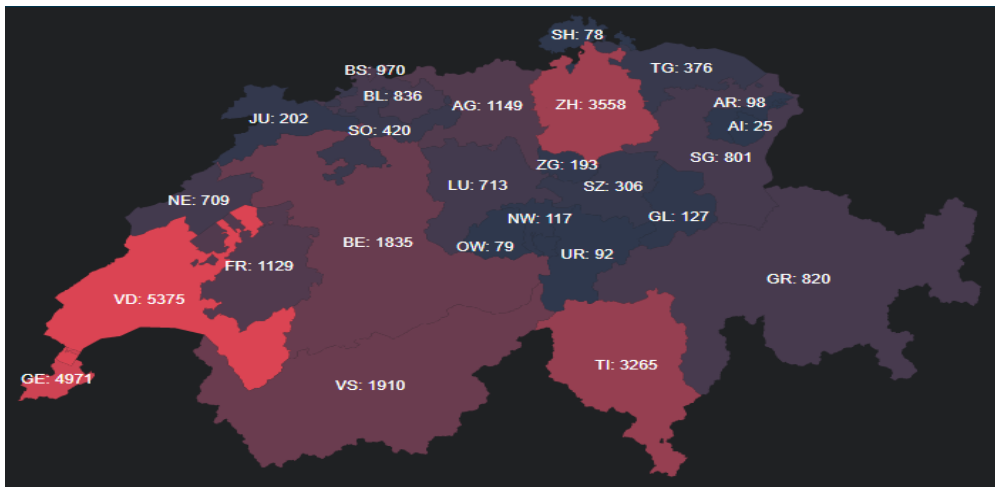
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- The death toll from the coronavirus outbreak is over 284,816 worldwide, with the highest number of deaths in USA (80,870) and UK (32,065). There have been more than 4,220,900 global cases in 210 countries and territories.
- The free learning resource is available to anyone interested in novel coronavirus on WHO's open learning platform for emergencies, OpenWHO.org. The platform was established 3 years ago with emergencies such as nCoV in mind, in which WHO would need to reach millions of people across the globe with real-time, accessible learning materials. The online training – entitled "Emerging respiratory viruses, including nCoV: methods for detection, prevention, response and control" – is currently being produced in all official UN languages and Portuguese.
- As the second stage of easing the Covid-19 lockdown begins in Switzerland, the main train stations in Bern and Zurich lacked their usual bustle, despite public transport returning largely to normal. Transport companies recommend passengers wear a mask when space is tight and urge people to avoid unnecessary travel. Commuters have been told to avoid rush hours and to switch to less-popular routes whenever possible. In addition, thousands of children have returned to class on Monday, as Switzerland re-opens its compulsory schools after two months of coronavirus lockdown.
- While Covid-19 can sicken anyone, the illness appears to have a more severe impact on older men with chronic conditions — and a new study suggests why. The study, published in the European Heart Journal today, finds that men with heart failure tend to have higher concentrations of a certain enzyme — angiotensin-converting enzyme 2 or ACE2 — in their blood than women with heart failure. Higher ACE2 concentrations might lead to increased vulnerability to the coronavirus, the study's authors suggest, but more research is needed, especially since the adults in the study were not Covid-19 patients. "ACE2 is a receptor on the surface of cells. It binds to the coronavirus and allows it to enter and infect healthy cells after it has been modified by another protein on the surface of the cell," Dr. Adriaan Voors, professor of cardiology at the University Medical Center Groningen in the Netherlands, who led the study, said in a press release. "High levels of ACE2 are present in the lungs and, therefore, it is thought to play a crucial role in the progression of lung disorders related to COVID-19," Voors said.
- An untraced coronavirus outbreak in a Chinese city near the Russian border and a spate of new cases in Wuhan has prompted fears of a fresh wave of infections in China. On Sunday, Chinese authorities reclassified Shulan, a city near the Russian and North Korean borders, as high risk, after a cluster of cases connected to a woman with no known history of travel or exposure to the virus.
- Beijing is rolling out smart bracelets to measure the body temperature of students who have returned to class as schools gradually reopen in the city, according to Chinese state media. The bracelets are equipped with a sensor that can monitor students' real-time body temperature and send out an alert if an abnormal temperature is detected, the government-run Beijing Daily reported on Monday.
- Germany: The coronavirus reproduction rate is estimated to have risen over the crucial value of 1, reaching 1.13, according to the country's disease and control center. The increase indicates a rise in infections, a few days after Chancellor Angela Merkel announced an easing of lockdown measures.

Countries	Deaths	Cases	Recovered
USA	80'870	1'370'999	256'910
UK	32'065	223'060	N/A
Italy	30'560	219'070	105'186
Spain	26'744	268'143	177'846
France	26'380	176'970	56'217
Brazil	11'207	163'510	64'957
Belgium	8'707	53'449	13'697
Germany	7'569	171'999	145'600
Iran	6'685	109'286	87'422
Netherlands	5'456	42'788	N/A
Canada	4'870	68'848	32'096
China	4'633	82'918	78'144
Turkey	3'786	138'657	92'691
Mexico	3'465	35'022	23'100
Sweden	3'256	26'670	4'971
India	2'249	69'149	21'664
Ecuador	2'127	29'559	3'433
Russia	2'009	221'344	39'801
Peru	1'889	67'307	21'349
Switzerland	1'837	30'344	26'600
Ireland	1'458	22'996	17'110
Portugal	1'144	27'679	2'549
Indonesia	991	14'265	2'881
Romania	972	15'588	7'245
Poland	803	16'206	5'816
Philippines	726	11'086	1'999
Pakistan	667	30'941	8'212
Japan	624	15'777	8'127
Austria	620	15'882	14'061
Denmark	533	10'513	8'328
Egypt	525	9'400	2'075
Algeria	507	5'891	2'841
Colombia	463	11'063	2'705
Hungary	421	3'284	958
Ukraine	408	15'648	3'288
Dominican Republic	388	10'347	2'763
Chile	323	30'063	13'605
Argentina	305	6'034	1'837
Czechia	280	8'123	4'482
Finland	271	5'984	4'000
S. Korea	256	10'909	9'632
Saudi Arabia	255	41'014	12'737
Israel	254	16'492	11'548
Panama	244	8'448	4'687
Bangladesh	239	15'691	2'902
Norway	219	8'122	32
Serbia	218	10'176	3'290
South Africa	206	10'652	4'357
UAE	198	18'198	4'804
Morocco	188	6'226	2'759
Moldova	171	4'927	1'980
Greece	151	2'726	1'374
Nigeria	143	4'399	778
Belarus	135	23'906	6'531
Afghanistan	122	4'687	558
Bolivia	118	2'556	273
Cameroon	114	2'579	1'465
Bosnia and Herzegovina	113	2'141	1'114
Iraq	110	2'818	1'790
Malaysia	109	6'726	5'113
Honduras	108	1'972	203
Slovenia	102	1'460	256
Luxembourg	101	3'886	3'586
Australia	97	6'948	6'179
Bulgaria	93	1'990	461
Croatia	91	2'196	1'784
North Macedonia	91	1'664	1'200
Cuba	77	1'766	1'193
Sudan	70	1'365	149
Kuwait	65	9'286	2'907
Estonia	61	1'741	751

Thailand	56	3'015	2'796
Somalia	51	1'054	118
Lithuania	50	1'485	833
Burkina Faso	49	751	577
Andorra	48	755	550
Armenia	46	3'392	1'359
Niger	46	821	624
Tunisia	45	1'032	700
DRC	41	1'024	141
San Marino	41	628	130
Channel Islands	41	546	452
Mali	38	704	351
Kenya	33	700	251
Kazakhstan	32	5'160	2'020
Azerbaijan	32	2'519	1'650
Albania	31	872	654
Chad	31	322	53
Slovakia	26	1'457	959
Guatemala	26	1'052	110
Lebanon	26	859	234
Isle of Man	23	330	271
Ghana	22	4'700	494
Ivory Coast	21	1'700	794
New Zealand	21	1'497	1'386
Tajikistan	21	661	0
Tanzania	21	509	183
Singapore	20	23'822	2'721
Liberia	20	199	79
Senegal	19	1'886	715
Uruguay	19	707	517
Sierra Leone	19	338	72
Latvia	18	946	464
Oman	17	3'573	1'211
El Salvador	17	958	325
Cyprus	16	901	401
Haiti	15	182	17
Sint Maarten	15	76	46
Qatar	14	23'623	2'840
Martinique	14	187	83
Diamond Princess	13	712	651
Guadeloupe	13	154	104
Kyrgyzstan	12	1'016	688
Guinea	11	2'146	714
Mayotte	11	1'023	492
Georgia	11	638	317
Togo	11	174	89
Bahamas	11	92	37
Uzbekistan	10	2'482	1'982
Iceland	10	1'801	1'773
Paraguay	10	713	165
Venezuela	10	414	193
Mauritius	10	332	322
Congo	10	274	33
Guyana	10	104	35
Sri Lanka	9	863	343
Jordan	9	540	389
Jamaica	9	502	90
Montenegro	9	324	290
Bahrain	8	5'157	2'152
Gabon	8	661	110
Trinidad and Tobago	8	116	107
Yemen	8	51	1
Costa Rica	7	792	501
Taiwan	7	440	368
Zambia	7	267	117
Bermuda	7	118	64
Barbados	7	84	57
Myanmar	6	180	72
Malta	5	503	434
Ethiopia	5	250	105
Sao Tome and Principe	5	208	4
Nicaragua	5	16	7

- There exist potential second wave in South Korea. At least 85 coronavirus patients in South Korea are believed to have contracted the virus in nightclubs in recent weeks, prompting authorities to order the businesses shuttered. Of 35 new cases reported Monday, all 29 locally transmitted infections were related to clubs in Itaewon, a popular nightlife district in Seoul.
- Spain reported 123 coronavirus deaths in the latest 24-hour period on Monday — the lowest number since March 19, Spanish Ministry of Health data showed.
- Russia reported 11,656 more coronavirus cases on Monday, bringing the total case number in the country to 221,344. The country is now ranked third in the world for confirmed cases according to Johns Hopkins University data. Moscow is the worst hit city in Russia, with 115,909 cases.
- Men working in lower-paid professions are dying from coronavirus at a higher rate than those in better paid occupations, according to Britain's Office for National Statistics (ONS). Those employed as security guards had a particularly high death rate. Men working as taxi drivers or chauffeurs, bus and coach drivers, chefs, and sales workers also suffered high death rates.
- France is slowly reopening today after almost two months of strict lockdown throughout the country.



- **Funding opportunity for researcher**

Fast Funding for COVID-19 Science

- <https://fastgrants.org/>

The US Congressionally Directed Medical Research Program - a call for proposals on COVID-19

- <https://ebrap.org/eBRAP/public/ProgramFY.htm?programFYid=256400>

A new COVID-19 calls

- <https://intern.unibe.ch/dienstleistungen/forschung/covid/open/>

Anyone submitting to US (NIH, DoD) or EU Horizon 2020 calls can contact the Grants Office for support:

grantsoffice@research.unibe.ch. The Grants Advisors responsible for the ISPM are Aline Schögler

(aline.schoegler@research.unibe.ch) and Leah Witton (leah.witton@research.unibe.ch).

Sources

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