

Coronavirus Disease – COVID-19

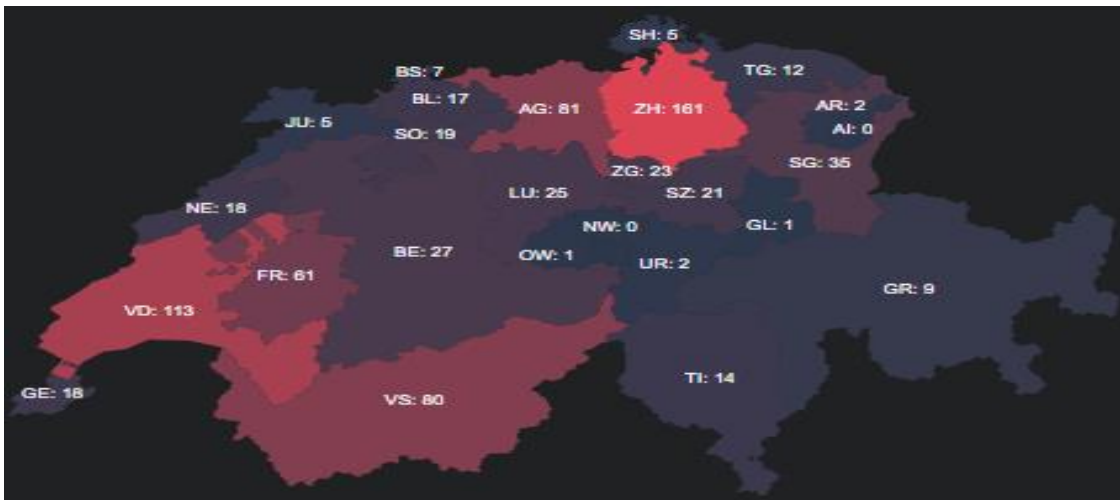
30.06.2020

- The death toll from the coronavirus outbreak is over 509,600 worldwide, with the highest number of deaths in USA (129,011) and Brazil (58,406). There have been more than 10,471,560 global cases in 210 countries and territories.
- A new swine flu with "pandemic potential" has been discovered: Chinese researchers have discovered a new type of swine flu that can infect humans and has the potential to cause a future pandemic, according to a study released Monday. Researchers say the disease, called the G4 virus, now shows "all the essential hallmarks of a candidate pandemic virus," and is genetically descended from the H1N1 swine flu that caused a global pandemic in 2009.
- The WHO is planning to send a team to China to investigate the origins of the Covid-19 pandemic in the hope of being better able to fight the spread of coronavirus. *"Knowing the source of the virus is very, very important,"* the WHO director-general Tedros Adhanom Ghebreyesus told a virtual press conference yesterday. *"We can fight the virus better when we know everything about the virus, including how it started. We will be sending a team next week to China to prepare for that and we hope that that will lead into understanding how the virus started,"* he said.
- China's military has received the greenlight to use a COVID-19 vaccine candidate developed by its research unit and CanSino Biologics after clinical trials proved it was safe and showed some efficacy, the company said. The Ad5-nCoV is one of China's eight vaccine candidates approved for human trials at home and abroad for the respiratory disease caused by the new coronavirus. The shot also won approval for human testing in Canada. China's Central Military Commission approved the use of the vaccine by the military on June 25 for a period of one year, CanSino said in a filing. The vaccine candidate was developed jointly by CanSino and a research institute at the Academy of Military Science (AMS). *"The Ad5-nCoV is currently limited to military use only and its use cannot be expanded to a broader vaccination range without the approval of the Logistics Support Department,"* CanSino said, referring to the Central Military Commission department which approved the military use of the vaccine.
- The WHO will "read carefully" a Chinese study on a new flu virus found in pigs, a spokesman said today, saying the findings underscored the importance of influenza surveillance during the Covid-19 pandemic. A new flu virus found in Chinese pigs has become more infectious to humans and needs to be watched closely in case it becomes a potential "pandemic virus", the study said. *"We will read carefully the paper to understand what is new,"* the WHO's Christian Lindmeier told a Geneva briefing, saying it was important to collaborate on findings and keep tabs on animal populations. *"It also highlights we cannot let our guard down on influenza and need to be vigilant and continue surveillance even in the coronavirus pandemic,"* he added.
- UK Health Secretary Matt Hancock said today that there is an unusually "high incidence" of coronavirus cases among children in Leicester, a city in England's East Midlands region and the first in the UK to be put under a localized lockdown.
- The southern German state of Bavaria has announced a "corona test offensive" that would allow citizens to get a test for the virus even if they don't show any symptoms.

Countries	Deaths	Cases	Recovered
USA	129,011	2,694,334	1,122,678
Brazil	58,406	1,373,006	757,462
UK	43,730	312,654	N/A
Italy	34,744	240,436	189,196
France	29,813	164,260	75,649
Spain	28,355	296,351	N/A
Mexico	27,121	220,657	131,264
India	17,038	574,926	340,225
Iran	10,817	227,662	188,758
Belgium	9,747	61,427	16,984
Peru	9,504	282,365	171,159
Russia	9,320	647,849	412,650
Germany	9,041	195,399	179,100
Canada	8,566	103,918	67,178
Netherlands	6,113	50,273	N/A
Chile	5,688	279,393	241,229
Sweden	5,310	67,667	N/A
Turkey	5,115	198,613	171,809
China	4,634	83,531	78,469
Ecuador	4,502	55,665	27,430
Pakistan	4,304	209,337	98,503
Colombia	3,223	95,043	39,954
Indonesia	2,876	56,385	24,806
Egypt	2,872	66,754	17,951
South Africa	2,529	144,264	70,614
Switzerland	1,963	31,714	29,100
Iraq	1,943	49,109	24,760
Bangladesh	1,847	145,483	59,624
Ireland	1,735	25,462	23,364
Romania	1,651	26,970	19,050
Saudi Arabia	1,649	190,823	130,766
Portugal	1,576	42,141	27,505
Poland	1,463	34,393	21,281
Philippines	1,266	37,514	10,233
Argentina	1,283	62,268	22,028
Ukraine	1,159	44,334	19,115
Bolivia	1,071	32,125	8,928
Japan	972	18,476	16,557
Algeria	905	13,571	9,674
Dominican Republic	747	32,568	17,580
Afghanistan	746	31,517	14,131
Guatemala	746	17,409	3,170
Austria	705	17,766	16,478
Denmark	605	12,768	11,649
Panama	620	32,785	15,595
Hungary	585	4,155	2,692
Sudan	572	9,257	4,014
Nigeria	573	25,133	9,402
Moldova	545	16,613	9,382
Honduras	485	18,818	1,961
Armenia	443	25,542	14,048
Belarus	392	62,118	46,054
Kuwait	354	46,195	37,030
Czechia	349	11,895	7,770
Finland	328	7,214	6,600
Israel	320	24,688	17,272
UAE	315	48,667	37,566
Cameroon	313	12,592	10,100
Yemen	304	1,128	432
North Macedonia	302	6,334	2,475
S. Korea	282	12,800	11,537
Serbia	277	14,564	12,662
Norway	249	8,866	8,138
Morocco	225	12,385	8,839
Bulgaria	223	4,831	2,582
Azerbaijan	213	17,524	9,715
Greece	192	3,409	1,374
Bosnia and Herzegovina	186	4,453	2,402
Kazakhstan	188	21,819	13,008
Oman	176	40,070	23,425
DRC	170	7,039	1,426
El Salvador	174	6,438	3,770
Kenya	144	6,366	2,013

Mauritania	128	4,237	1,497
Malaysia	121	8,639	8,354
Mali	115	2,173	1,447
Qatar	113	96,088	81,564
Ghana	112	17,741	13,268
Slovenia	111	1,600	1,384
Luxembourg	110	4,299	3,998
Senegal	112	6,793	4,431
Croatia	107	2,777	2,155
Australia	104	7,836	7,008
Haiti	105	5,933	839
Ethiopia	103	5,846	2,430
Somalia	90	2,904	910
Cuba	86	2,341	2,214
Bahrain	86	26,239	20,928
Lithuania	78	1,817	1,515
Nicaragua	74	2,170	1,238
Chad	74	866	781
Estonia	69	1,989	1,829
Niger	67	1,075	939
Ivory Coast	66	9,214	3,996
Sierra Leone	60	1,450	961
Thailand	58	3,171	3,056
Albania	62	2,535	1,459
Djibouti	54	4,682	4,524
Burkina Faso	53	962	838
Tajikistan	52	5,900	4,506
Andorra	52	855	799
Kyrgyzstan	57	5,296	2,370
Tunisia	50	1,172	1,029
Channel Islands	47	571	512
CAR	47	3,613	773
Venezuela	48	5,530	1,649
San Marino	42	698	656
Gabon	42	5,394	2,420
Congo	37	1,087	456
South Sudan	36	1,989	246
Liberia	36	780	324
Lebanon	34	1,778	1,183
Mayotte	35	2,603	2,325
Equatorial Guinea	32	2,001	515
Guinea	31	5,351	4,296
Latvia	30	1,118	974
Nepal	29	13,564	3,194
Slovakia	28	1,667	1,464
Uruguay	27	932	822
Singapore	26	43,907	38,500
Isle of Man	24	336	312
Uzbekistan	25	8,385	5,569
Guinea-Bissau	24	1,654	317
Zambia	22	1,568	1,311
New Zealand	22	1,528	1,484
Libya	23	802	206
Tanzania	21	509	183
Madagascar	20	2,214	994
Benin	21	1,199	333
Cyprus	19	996	833
French Guiana	15	4,004	1,508
Costa Rica	15	3,269	1,394
Paraguay	16	2,191	1,080
Georgia	15	928	794
Sint Maarten	15	77	62
Togo	14	643	401
Martinique	14	242	98
Guadeloupe	14	182	157
Malawi	14	1,224	260
Sao Tome and Principe	13	713	235
Diamond Princess	13	712	651
Suriname	13	501	217

- Iran reported its highest one-day death toll of the pandemic so far, with 162 fatalities according to government sources. It was one of the first countries to report significant cases in the pandemic, outside of China.
- Some 16 US states have halted their reopening plans as new cases in at least 36 states are trending upwards compared to the previous week. Arizona closes bars, gyms and other businesses after "brutal" increase in Covid-19 cases. The pullback comes as the state has seen a surge in Covid-19 cases recently. There are now almost 75,000 reported infections, up from 46,689 cases 10 days ago.
- The United Nations has called on governments for nearly \$10bn in aid for Syria, where soaring food prices amid the coronavirus pandemic have exacerbated the humanitarian crisis.
- As Spain prepares to reopen its borders tomorrow to countries in the Schengen group, the country's health authorities are keeping a close eye on 11 fresh outbreaks of Covid-19, the most worrying of which are in Lleida in Catalonia and Huesca in Aragón. Local authorities in Lleida say it is difficult to isolate people with the virus as many are migrant agricultural workers with no fixed address. Overall, Catalonia has reported 621 new cases over the past seven days.



• Funding opportunity for researchers

PRACE (Partnership for Advanced Computing in Europe) Fast Track Call for Proposals

- <https://prace-ri.eu/prace-support-to-mitigate-impact-of-covid-19-pandemic/>

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

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

Fast Funding for COVID-19 Science - Applications are paused

- <https://fastgrants.org/>

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

<https://twitter.com/WHO>

<https://www.swissinfo.ch/>

<https://www.worldometers.info/coronavirus/>

<https://www.corona-data.ch/>

<https://edition.cnn.com/world/live-news/coronavirus-pandemic-06-30-20-intl/index.html>

<https://www.theguardian.com/world/2020/jun/30/global-report-who-to-send-team-to-china-to-investigate-covid-19-origins>