

## Coronavirus Disease – COVID-19

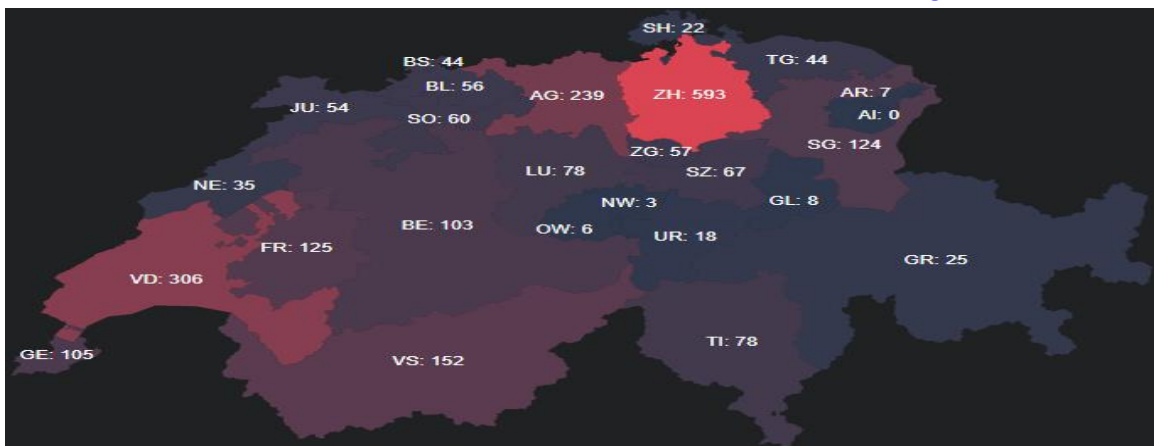
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- The death toll from the coronavirus outbreak is over 593,899 worldwide, with the highest number of deaths in USA (141,168) and Brazil (76,846). There have been more than 14,003,956 global cases in 210 countries and territories.
- More than 8,000 health workers have been infected with coronavirus in Africa, according to the WHO's regional office for Africa. *"This is why infection prevention and control awareness is vital for all,"* the UN agency said on its official Facebook account on Tuesday. The WHO said together with partners, they have trained over 50,000 health workers to protect themselves and patients, and aim, to reach over 200,000 by the end of the year. The increasing number of infected healthcare workers has raised concerns about whether they have been equipped with adequate protective gear. South Africa is the hardest hit country in the continent in terms of the total coronavirus infections as well as the number of infected healthcare workers.
- Skin rashes and reddish bumps on fingers and toes should be considered a key coronavirus symptom, researchers from King's College London (KCL) have said. The skin rashes can occur in the absence of any other symptoms, a new pre-print study led by the university suggests. Key coronavirus symptoms that are widely accepted include fever, cough and shortness of breath, but a range of other signs have been suggested, including the loss of smell and taste in some patients. The KCL researchers used data from the Covid-19 Symptom Study app, which is submitted by around 336,000 people in the UK. They found that 8.8% of people who tested positive for coronavirus reported a skin rash as a symptom, compared with 5.4% of people who tested negative. The team then set up a separate online survey, gathering information from nearly 12,000 people with skin rashes and suspected or confirmed Covid-19. They found that 17% of respondents who tested positive for the virus reported a rash as the first symptom of the disease. For 21% of people who reported a rash and had confirmed Covid-19, the rash was their only symptom. *"It can involve any part of the body, and often starts with intense itching of the palms or soles, and can cause swelling of the lips and eyelids. These rashes can present quite early on in the infection, but can also last a long time afterwards,"* KCL said in a statement.
- The first confirmed case of a mother transmitting the coronavirus to her unborn baby has been reported in France, according to a study published Tuesday. French doctors said in the peer-reviewed journal Nature Communications that a 23-year-old woman was admitted to the hospital in Paris with a fever and a cough when she more than 35 weeks pregnant. She tested positive for COVID-19 and gave birth to her baby by cesarean section. Presence of the virus also was found in the boy. Doctors found evidence of inflammation in the newborn's brain caused by the coronavirus. They believe the virus had infected baby's bloodstream by way of the placenta. *"The placenta showed signs of acute and chronic intervillous inflammation consistent with the severe systemic maternal inflammatory status triggered by SARS-COV-2 infection,"* the case study's authors said. After testing positive, the newborn recovered and was discharged from the hospital 18 days later. Doctors say the newborn was immediately taken to the neonatal intensive care unit after birth, which led doctors to rule out the chance he may have caught the virus after being born. While this is the first confirmed case of coronavirus transmission from mother to baby through the womb, previous studies have suggested it was possible.

Countries	Deaths	Cases	Recovered
USA	141,168	3,699,395	1,680,663
Brazil	76,846	2,015,382	1,366,775
UK	45,119	292,552	N/A
Mexico	37,574	324,041	203,464
Italy	35,017	243,736	196,246
France	30,138	173,838	79,036
Spain	28,416	305,935	N/A
India	25,777	1,020,644	644,172
Iran	13,791	269,440	232,873
Peru	12,615	341,586	230,994
Russia	12,123	759,203	539,373
Belgium	9,795	63,238	17,269
Germany	9,157	201,931	186,900
Canada	8,827	109,264	72,836
Chile	7,290	323,698	295,301
Netherlands	6,138	51,454	N/A
Colombia	6,029	173,206	76,164
Sweden	5,593	76,877	N/A
Pakistan	5,475	259,999	183,737
Turkey	5,440	216,873	198,820
Ecuador	5,207	71,365	31,260
South Africa	4,669	324,221	165,591
China	4,634	83,622	78,737
Egypt	4,120	85,771	26,691
Indonesia	3,957	83,130	41,834
Iraq	3,616	88,171	56,495
Bangladesh	2,547	199,357	108,725
Saudi Arabia	2,407	245,851	191,161
Argentina	2,133	114,783	49,780
Romania	1,988	35,802	22,312
Bolivia	1,984	54,156	16,979
Switzerland	1,969	33,382	29,900
Ireland	1,749	25,698	23,364
Portugal	1,679	47,765	32,476
Philippines	1,660	63,001	21,748
Poland	1,612	39,407	29,505
Ukraine	1,456	57,264	29,769
Guatemala	1,404	32,939	4,807
Afghanistan	1,147	35,229	23,151
Algeria	1,052	21,355	15,107
Panama	1,000	50,373	25,842
Japan	985	22,890	18,814
Dominican Republic	941	48,743	23,636
Honduras	835	30,867	3,420
Nigeria	769	34,854	14,292
Austria	711	19,439	17,335
Moldova	675	20,494	13,913
Sudan	668	10,527	5,601
Armenia	620	34,001	22,492
Denmark	611	13,173	12,209
Hungary	595	4,293	3,220
Belarus	491	65,782	57,370
Serbia	452	20,109	14,047
Yemen	438	1,552	695
North Macedonia	406	8,786	4,676
Kuwait	404	58,221	48,381
Israel	387	46,546	20,523
Kazakhstan	375	66,895	40,256
Cameroon	373	16,157	13,728
Czechia	355	13,612	8,640
UAE	337	56,422	48,448
Azerbaijan	334	26,165	17,256
Finland	328	7,301	6,880
El Salvador	309	11,207	6,422
Oman	298	64,193	41,450
S. Korea	293	13,672	12,460
Bulgaria	293	8,144	3,927
Morocco	263	16,638	14,175
Norway	255	9,018	8,138
Bosnia and Herzegovina	245	7,908	3,612
Kenya	222	12,062	3,983
DRC	193	8,249	4,248
Greece	193	3,939	1,374

Kyrgyzstan	173	13,101	3,821
Senegal	160	8,544	5,809
Qatar	153	105,898	102,597
Mauritania	150	5,659	2,993
Ethiopia	148	8,475	2,430
Haiti	145	6,948	3,606
Ghana	139	26,125	22,270
Malaysia	122	8,755	8,541
Bahrain	121	35,084	30,809
Mali	121	2,467	1,791
Croatia	120	4,137	2,825
Australia	116	11,235	8,117
Luxembourg	111	5,285	4,275
Slovenia	111	1,916	1,522
Zambia	109	2,810	1,450
Albania	107	3,906	2,214
Venezuela	104	10,854	3,255
Nicaragua	99	3,147	2,282
Somalia	93	3,106	1,444
Ivory Coast	87	13,554	7,363
Cuba	87	2,444	2,300
Lithuania	79	1,908	1,595
Uzbekistan	76	15,349	8,783
Chad	75	886	799
Estonia	69	2,020	1,910
Niger	69	1,102	993
Liberia	69	1,085	496
Sierra Leone	64	1,678	1,213
Thailand	58	3,239	3,096
Tajikistan	56	6,741	5,431
Djibouti	56	5,003	4,809
Madagascar	54	6,467	3,108
CAR	53	4,373	1,265
Burkina Faso	53	1,045	887
Andorra	52	880	803
Palestine	51	7,764	1,492
Equatorial Guinea	51	3,071	842
Malawi	51	2,712	1,073
Tunisia	50	1,327	1,093
Congo	48	2,358	589
Channel Islands	47	583	529
Gabon	46	6,121	3,664
Libya	46	1,652	379
Costa Rica	42	9,546	2,673
San Marino	42	699	656
South Sudan	41	2,171	1,175
Nepal	40	17,445	11,534
Lebanon	40	2,599	1,485
Guinea	39	6,359	5,012
Mayotte	37	2,778	2,581
French Guiana	34	6,393	3,818
Uruguay	32	1,026	916
Benin	31	1,602	782
Latvia	31	1,185	1,022
Slovakia	28	1,965	1,523
Angola	28	607	124
Singapore	27	47,453	43,256
Paraguay	27	3,342	1,379
Montenegro	26	1,965	357
Guinea-Bissau	26	1,927	773
Isle of Man	24	336	312
Zimbabwe	23	1,362	425
New Zealand	22	1,549	1,506
Syria	22	477	140
Eswatini	21	1,552	736
Tanzania	21	509	183
Cabo Verde	19	1,939	902
Cyprus	19	1,031	845
Suriname	19	919	582
Guyana	19	315	156
Maldives	15	2,899	2,339

- Earlier today, India surged past one million cases, becoming the third country in the world to do so, after the United States and Brazil. In all three countries, the pandemic is wreaking havoc on healthcare systems, economies, and residents' daily lives. Also, Japan reported 623 new cases in the past day, the health ministry announced on Friday -- the highest daily jump in new coronavirus cases since April 10.
- Barcelona residents were urged to stay at home and to not gather in groups of more than 10 as regional authorities aim to curb a rise in coronavirus cases, without imposing a mandatory lockdown.
- Israel imposed a new weekend shutdown and tightened a series of curbs to lower infection rates.
- South Korea approved an early stage clinical trial of Celltrion Inc's experimental Covid-19 treatment drug, making it the country's first such antibody drug to be tested on humans.
- *"Switzerland remains cautious and relaxes its entry restrictions with restraint,"* the Swiss justice ministry wrote in a twitter post on Thursday. According to the State Secretariat for Migration (SEM), the new rules from Monday apply to Algeria, Australia, Canada, Georgia, Japan, Morocco, New Zealand, Rwanda, South Korea, Thailand, Tunisia and Uruguay. For more included countries and information please visit: <https://www.sem.admin.ch/sem/de/home/aktuell/aktuell/einreisebeschraenkungen-drittstaaten.html>



Newly reported cases in Switzerland since 01.06.2020.

## • 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](mailto:grantsoffice@research.unibe.ch). The Grants Advisors responsible for the ISPM are Aline Schögler ([aline.schoegler@research.unibe.ch](mailto:aline.schoegler@research.unibe.ch)) and Leah Witton ([leah.witton@research.unibe.ch](mailto:leah.witton@research.unibe.ch)).

## Sources

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