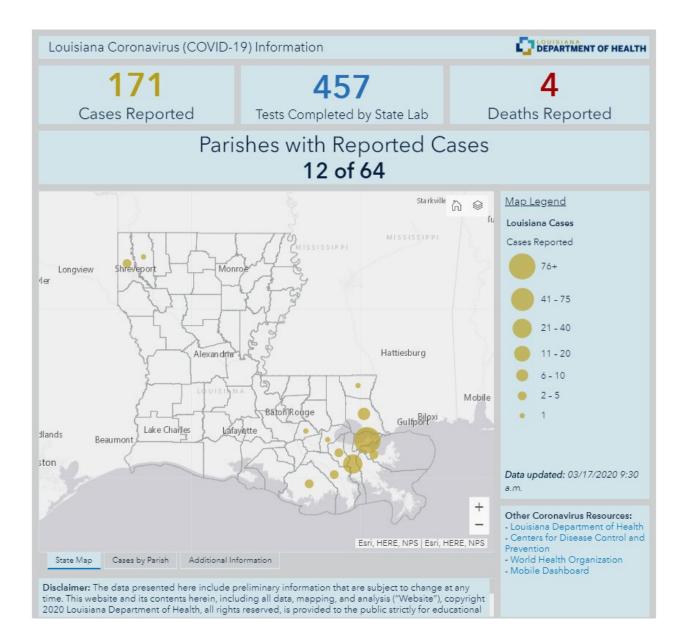


LOUISIANA AS OF 9:30 AM

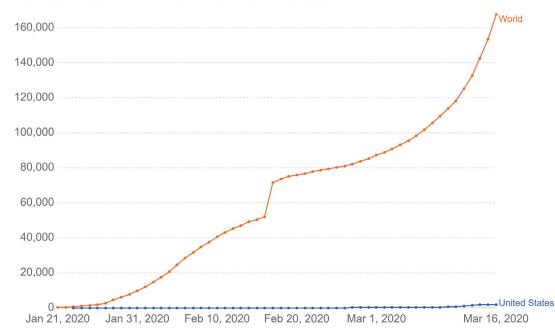


EPI

Our World in Data

Total confirmed COVID-19 cases

Because of limited testing the number of total cases is not known, as explained at OurWorldInData.org/Coronavirus The number of confirmed cases is lower than the number of total cases.

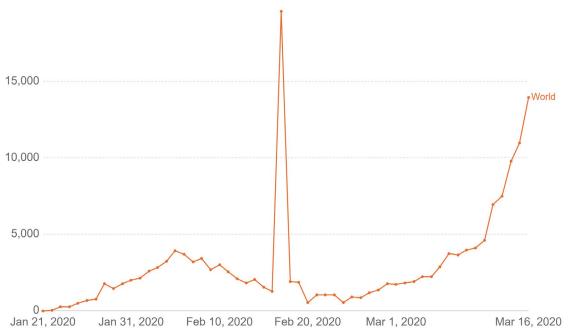


Source: World Health Organization daily Situation Reports [COVID-19] OurWorldInData.org/coronavirus • CC BY Note: The large increase in the number of cases globally and in China on Feb 17 is the result of a change in reporting methodology.

Daily new confirmed cases of COVID-19

Our World in Data

Because of limited testing the number of total cases is not known, as explained at OurWorldInData.org/Coronavirus The number of confirmed cases is lower than the number of total cases.



Source: World Health Organization daily Situation Reports [COVID-19]

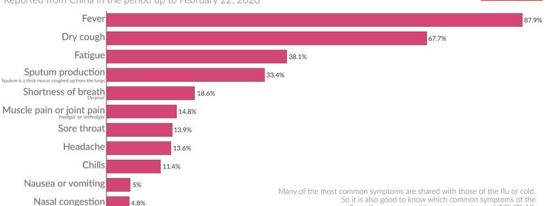
OurWorldInData.org/coronavirus • CC BY Note: The large number of cases globally and in China on Feb 17 is the result of a change in reporting methodology.

SYMPTOMS

The symptoms of coronavirus disease [COVID-19] Our World in Data

Reported from China in the period up to February 22, 2020

Diarrhoea



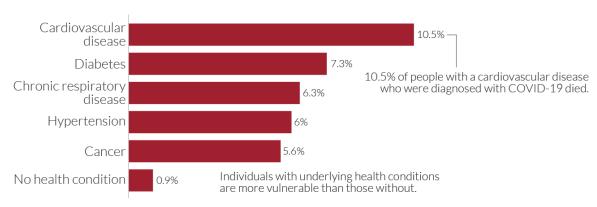
Data source: World Health Organization (2020), Report of the WHO-China Joint Mission on Coronavirus Disease 2019 (COVID-19). Symptoms in fewer than 1% are not shown. OurWorldinData.org – Research and data to make progress against the world's largest problems. Licensed under CC-BY by the authors.

flu or the common cold are not symptoms of COVID-19. COVID-19 infection seems to rarely cause a runny nose.

Coronavirus: early-stage case fatality rates by underlying health condition in China



Case fatality rate (CFR) is calculated by dividing the total number of deaths from a disease by the number of confirmed cases. Data is based on early-stage analysis of the COVID-19 outbreak in China in the period up to February 11, 2020.



Data source: Novel Coronavirus Pneumonia Emergency Response Epidemiology Team. Vital surveillances: the epidemiological characteristics of an outbreak of 2019 novel coronavirus diseases (COVID-19)—China, 2020. China CDC Weekly.

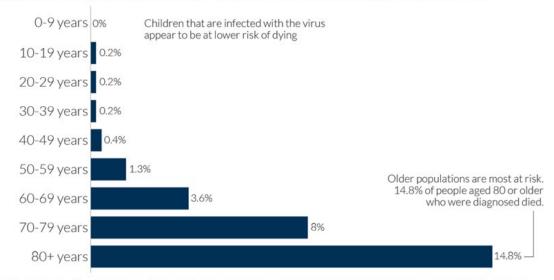
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Coronavirus: early-stage case fatality rates by age-group in China



Case fatality rate (CFR) is calculated by dividing the total number of deaths from a disease by the number of confirmed cases. Data is based on early-stage analysis of the COVID-19 outbreak in China in the period up to February 11, 2020.

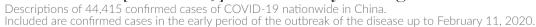


 $Data source: Novel Coronavirus \ Pneumonia \ Emergency \ Response \ Epidemiology \ Team. \ Vital \ surveillances: the epidemiological \ characteristics \ of \ an \ outbreak \ of \ 2019 \ novel \ coronavirus \ diseases \ (COVID-19)-China, \ 2020. \ China \ CDC \ Weekly.$

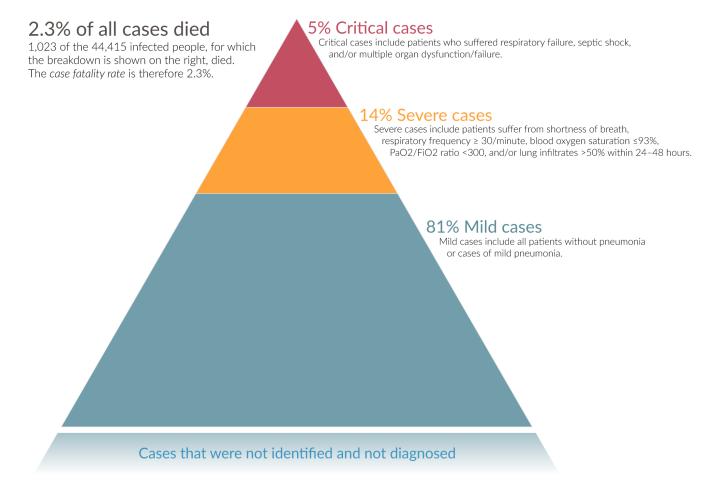
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Coronavirus [COVID-19]: the severity of diagnosed cases in China Our World







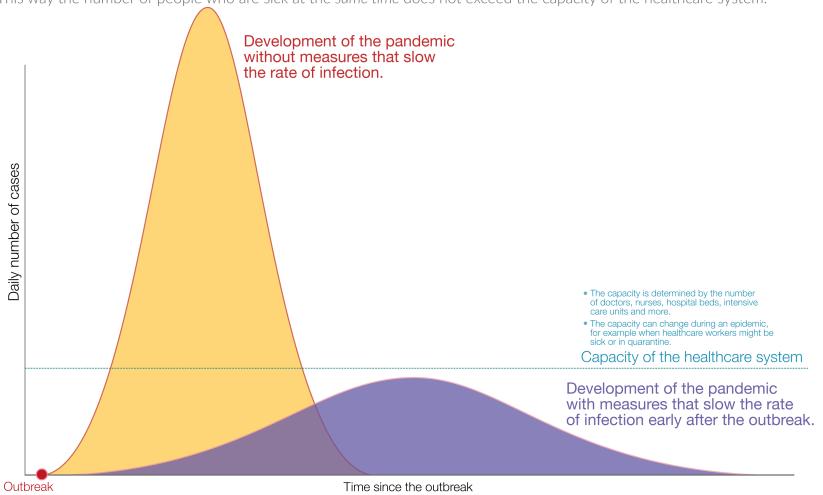
Data source: Novel Coronavirus Pneumonia Emergency Response Epidemiology Team. Vital surveillances: the epidemiological characteristics of an outbreak of 2019 novel coronavirus diseases (COVID-19)—China, 2020. China CDC Weekly, Case counts: 36.160 mild cases: 6.168 severe cases: 2.087 critical cases.

In the outbreak of an epidemic *early* counter measures are important



Their intention is to 'flatten the curve': to lower the rate of infection to spread out the epidemic.

This way the number of people who are sick at the same time does not exceed the capacity of the healthcare system.



Based on the Centers for Disease Control and Prevention

OurWorldinData.org – Research and data to make progress against the world's largest problems.

MITIGATION STRATEGIES

- Personal
 - Social distancing= at least 6 feet
 - Cough etiquette
 - Frequent hand washing/cleansing
 - Avoid touching face
 - Wipe down surfaces
 - Stay home

- Business/Community
 - Work from home
 - Use email/texting/Zoom/Skype
 - Avoid in-person meetings
 - Use telemedicine
 - Call pts
 - Use patient portal email
 - Outlook email
 - Telemedicine

Bright Spots

mRNA-1273 vaccine phase 1 trial

- First dose given yesterday at Kaiser Permanente Washington Health Research Institute in Seattle. National Institutes of Health is funding the trial
- The open-label trial will enroll 45 healthy adult volunteers ages 18 to 55 years over approximately 6 weeks
- vaccine directs the body's cells to express a virus protein that it is hoped will elicit a robust immune response

Treatment algorithms popping up

- Hydroxychloroquine x 5 days (or chloroquine)
- Remdesivir
- etc.