

# Novel Coronavirus(2019-nCoV)

## Situation Report – 19

Data as reported by 8 February 2020\*

### HIGHLIGHTS

- No new countries reported cases of 2019-nCoV in the past 24 hours.
- The infection prevention and control (IPC) global network is convened through weekly teleconferences with international IPC experts to discuss technical aspects of IPC measures, share epidemiological updates and experiences regarding the IPC measures put in place in affected countries. In consultation with the global IPC expert network, WHO has released three key IPC interim guidance materials on IPC measures during health care and home care, as well as advice on the use of masks in various settings.

### SITUATION IN NUMBERS

total and new cases in last 24 hours

#### Globally

34 886 confirmed (3419 new)

#### China

34 598 confirmed (3401 new)

6101 severe (1280 new)

723 deaths (86 new)

#### Outside of China

288 confirmed (18 new)

24 countries

1 death

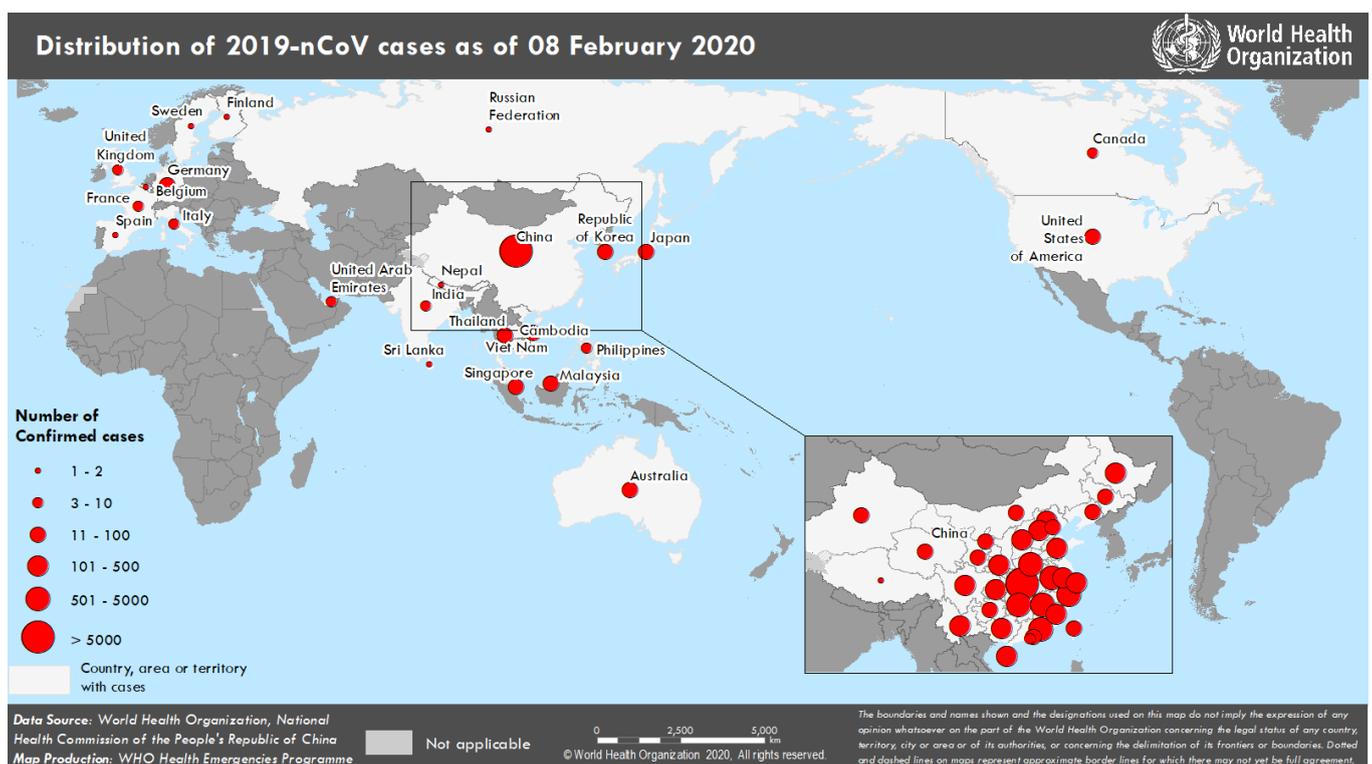
### WHO RISK ASSESSMENT

China Very High

Regional Level High

Global Level High

Figure 1. Countries, territories or areas with reported confirmed cases of 2019-nCoV, 8 February 2020



\*The situation report includes information provided by national authorities as of 10 AM Central European Time

## TECHNICAL FOCUS: Infection prevention and control

From the beginning of this outbreak, WHO has convened several global expert networks for laboratory, clinical management, mathematical modelling, risk communication and community engagement, and infection prevention and control (IPC). The IPC global network is convened through weekly teleconferences with international IPC experts to discuss technical aspects of IPC measures, share epidemiological updates and experiences regarding the IPC measures put in place in affected countries. International participants are members of the Global Infection Prevention and Control Network (GIPCN) or members of relevant institutions caring for infected 2019-nCoV acute respiratory disease patients.

In consultation with the global IPC expert network, WHO has released three key IPC interim guidance materials. These materials are available here: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance>

The first document - [\*Infection prevention and control during health care when novel coronavirus \(2019-nCoV\) infection is suspected. Interim guidance v2\*](#) - defines the following five IPC strategies to prevent or limit human to human transmission in health care settings:

1. Ensuring triage, early recognition, and source control (isolating patients with suspected 2019-nCoV infection);
2. Applying standard precautions for all patients;
3. Implementing empiric additional precautions (droplet and contact and, whenever applicable, airborne precautions) for suspected cases of 2019-nCoV infection;
4. Implementing administrative controls;
5. Using environmental and engineering controls.

The second document - [\*Home care for patients with suspected novel coronavirus \(2019-nCoV\) infection presenting with mild symptoms and management of contacts. Guidance- v2\*](#) – provides recommendations in the context of home care for mild patients. Guidance is provided (i) for a household/caregiver’s protection including which personal protective equipment (PPE) to wear when caring for someone infected with 2019-nCoV and on environmental and waste management; (ii) for an infected individual with mild disease, for example to wear a mask; and (iii) for the management of contacts (including caregivers/health care workers) which includes 14 days of monitoring of health for contacts.

The third document - [\*Advice on the use of masks in the community, during home care and in health care settings in the context of the novel coronavirus \(2019-nCoV\) outbreak. Interim guidance – v1\*](#). In community settings, medical masks are not recommended for people without symptoms. For those who choose to wear medical masks, appropriate mask management should be followed, which includes how to use and dispose of masks. Symptomatic individuals are recommended to wear medical masks and seek early medical care if there are any signs of respiratory distress.

## SURVEILLANCE

**Table 1. Confirmed cases of 2019-nCoV acute respiratory disease reported by provinces, regions and cities in China, 8 February 2020**

Province/Region/City	Confirmed Cases
Hubei	24 953
Guangdong	1075
Zhejiang	1048
Henan	981
Hunan	803
Anhui	733
Jiangxi	698
Jiangsu	439
Chongqing	426
Shandong	407
Sichuan	363
Beijing	315
Heilongjiang	282
Shanghai	281
Fujian	239
Shaanxi	195
Hebei	195
Guangxi	183
Yunnan	138
Hainan	123
Shanxi	104
Liaoning	99
Guizhou	89
Tianjin	81
Gansu	71
Jilin	69
Inner Mongolia	50
Ningxia	45
Xinjiang	42
Hong Kong SAR	26
Qinghai	18
Taipei and environs	16
Macao SAR	10
Xizang	1
<b>Total</b>	<b>34 598</b>

**Table 2. Countries, territories or areas with reported confirmed 2019-nCoV cases and deaths. Data as of 8 February 2020**

WHO Region	Country/Territory/Area	Confirmed* (new) cases	Total (new) cases with travel history to China	Total (new) cases with possible or confirmed transmission outside of China <sup>†</sup>	Total (new) cases with site of transmission under investigation	Total (new) deaths
Western Pacific Region	China <sup>‡</sup>	34 598 (3401)				723 (86)
	Singapore	33 (3)	21 (0)	12 (3)	0 (0)	0 (0)
	Japan	25 (0)	21 (0)	4 (0)	0 (0)	0 (0)
	Republic of Korea	24 (0)	11 (0)	11 (0)	2 (0)	0 (0)
	Australia	15 (0)	15 (0)	0 (0)	0 (0)	0 (0)
	Malaysia	15 (1)	9 (0)	4 (0)	2 (1)	0 (0)
	Viet Nam	13 (1)	8 (1)	5 (0)	0 (0)	0 (0)
	Philippines	3 (0)	2 (0)	0 (0)	1 (0)	1 (0)
	Cambodia	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
South-East Asia Region	Thailand	32 (7)	22 (1)	6 (2)	4 (4)	0 (0)
	India	3 (0)	3 (0)	0 (0)	0 (0)	0 (0)
	Nepal	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
	Sri Lanka	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
Region of the Americas	United States of America	12 (0)	10 (0)	2 (0)	0 (0)	0 (0)
	Canada	7 (0)	6 (0)	0 (0)	1 (0)	0 (0)
European Region	Germany	14 (1)	3 (1)	11 (0)	0 (0)	0 (0)
	France	6 (0)	5 (0)	1 (0)	0 (0)	0 (0)
	Italy	3 (0)	3 (0)	0 (0)	0 (0)	0 (0)
	The United Kingdom	3 (0)	1 (0)	2 <sup>***</sup> (0)	0 (0)	0 (0)
	Russian Federation	2 (0)	2 (0)	0 (0)	0 (0)	0 (0)
	Belgium	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
	Finland	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
	Spain	1 (0)	0 (0)	1 <sup>§</sup> (0)	0 (0)	0 (0)
	Sweden	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
Eastern Mediterranean Region	United Arab Emirates	7 (2)	5 (0)	0 (0)	2 (2)	0 (0)
Other	International conveyance (Japan)	64 <sup>**</sup> (3)	0 (0)	0 (0)	64 (3)	0 (0)

\*Case classifications are based on [WHO case definitions](#) for 2019-nCoV.

<sup>†</sup>Location of transmission is classified based on WHO analysis of available official data, and may be subject to reclassification as additional data become available.

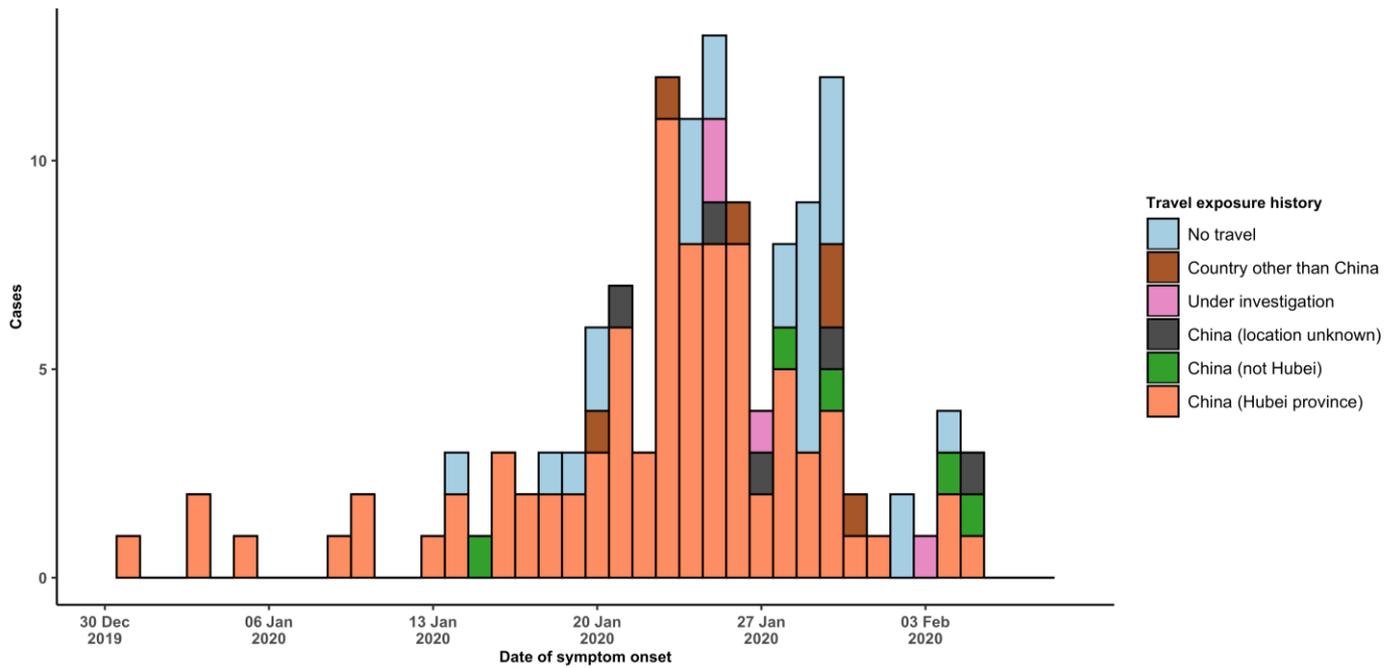
<sup>‡</sup>Confirmed cases in China include cases confirmed in Hong Kong SAR (26 confirmed cases, 1 death), Macao SAR (10 confirmed cases) and Taipei and environs (16 confirmed cases).

<sup>§</sup>The exposure occurred in Germany.

\*\*Cases identified on a cruise ship currently in Japanese territorial waters.

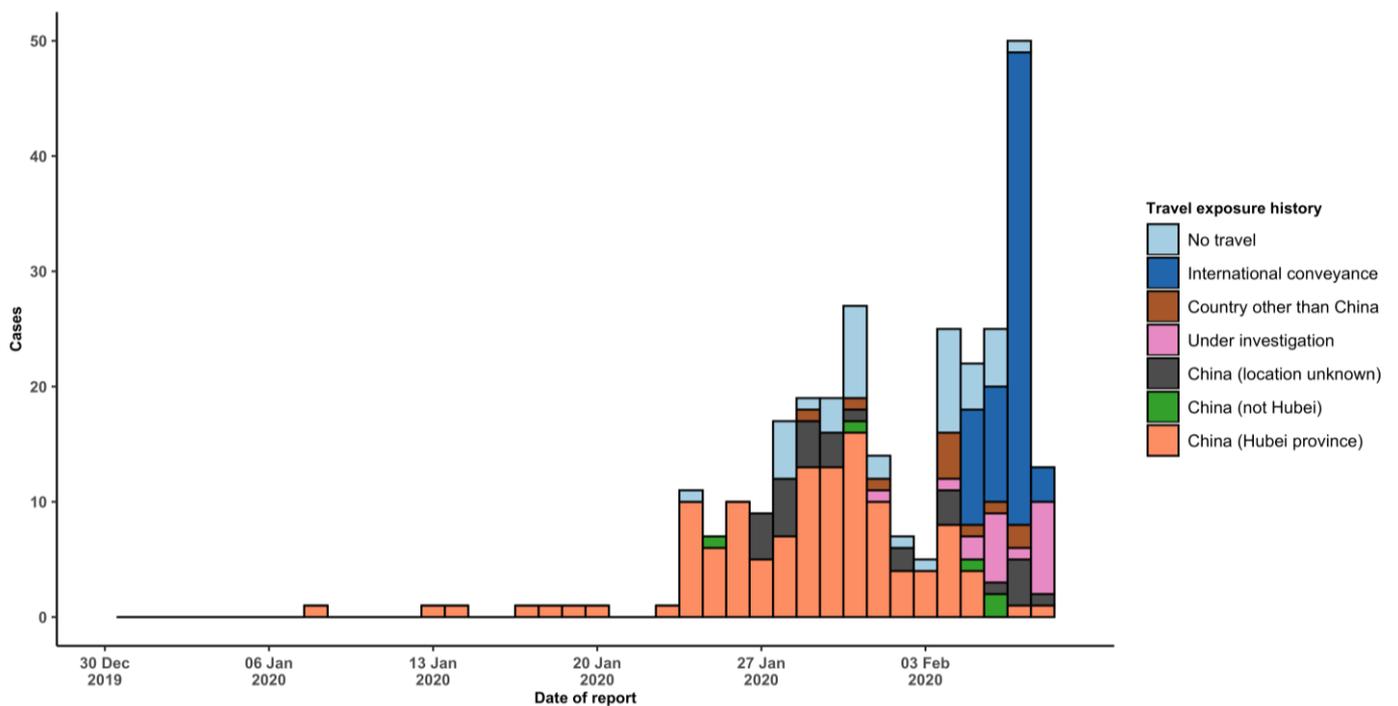
\*\*\*The exposure for one of the two cases occurred outside of the United Kingdom.

**Figure 2: Epidemic curve of 2019-nCoV cases (n=130) identified outside of China, by date of onset of symptoms and travel history, 8 February 2020**



Note for figure 2: Of the 288 cases reported outside China, 16 were detected while asymptomatic. For the remaining 272 cases, information on date of onset is available only for the 130 cases presented in the epidemiologic curve.

**Figure 3: Epidemic curve of 2019-nCoV cases (n=288) identified outside of China, by date of reporting and travel history, 8 February 2020**



## STRATEGIC OBJECTIVES

WHO's strategic objectives for this response are to:

- Limit human-to-human transmission including reducing secondary infections among close contacts and health care workers, preventing transmission amplification events, and preventing further international spread from China\*;
- Identify, isolate and care for patients early, including providing optimized care for infected patients;
- Identify and reduce transmission from the animal source;
- Address crucial unknowns regarding clinical severity, extent of transmission and infection, treatment options, and accelerate the development of diagnostics, therapeutics and vaccines;
- Communicate critical risk and event information to all communities and counter misinformation;
- Minimize social and economic impact through multisectoral partnerships.

\*This can be achieved through a combination of public health measures, such as rapid identification, diagnosis and management of the cases, identification and follow up of the contacts, infection prevention and control in health care settings, implementation of health measures for travellers, awareness-raising in the population and risk communication.

## PREPAREDNESS AND RESPONSE

- WHO is working closely with International Air Transport Association (IATA) and have jointly developed a guidance document to provide advice to cabin crew and airport workers, based on country queries. The guidance can be found on the [IATA webpage](#).
- WHO has developed a protocol for the investigation of early cases (the "[First Few X \(FFX\) Cases and contact investigation protocol for 2019-novel coronavirus \(2019-nCoV\) infection](#)"). The protocol is designed to gain an early understanding of the key clinical, epidemiological and virological characteristics of the first cases of 2019-nCoV infection detected in any individual country, to inform the development and updating of public health guidance to manage cases and reduce potential spread and impact of infection.
- WHO has been in regular and direct contact with Member States where cases have been reported. WHO is also informing other countries about the situation and providing support as requested.
- WHO has developed interim guidance for [laboratory diagnosis, advice on the use of masks during home care and in health care settings in the context of the novel coronavirus \(2019-nCoV\) outbreak, clinical management, infection prevention and control in health care settings, home care for patients with suspected novel coronavirus, risk communication and community engagement and Global Surveillance for human infection with novel coronavirus \(2019-nCoV\)](#).
- WHO has prepared [disease commodity package](#) that includes an essential list of biomedical equipment, medicines and supplies necessary to care for patients with 2019-nCoV.
- WHO has provided recommendations to reduce risk of [transmission from animals to humans](#).
- WHO has published an [updated advice for international traffic in relation to the outbreak of the novel coronavirus 2019-nCoV](#).
- WHO has activated of R&D blueprint to accelerate diagnostics, vaccines, and therapeutics.
- WHO has developed an [online course](#) to provide general introduction to emerging respiratory viruses, including novel coronaviruses.
- WHO is providing guidance on early investigations, which are critical to carry out early in an outbreak of a new virus. The data collected from the protocols can be used to refine recommendations for surveillance and case definitions, to characterize the key epidemiological transmission features of 2019-nCoV, help understand spread, severity, spectrum of disease, impact on the community and to inform operational models for implementation of

countermeasures such as case isolation, contact tracing and isolation. Several protocols are available here:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/early-investigations>

- WHO is working with its networks of researchers and other experts to coordinate global work on surveillance, epidemiology, modelling, diagnostics, clinical care and treatment, and other ways to identify, manage the disease and limit onward transmission. WHO has issued interim guidance for countries, which are updated regularly.
- WHO is working with global expert networks and partnerships for laboratory, infection prevention and control, clinical management and mathematical modelling.

## RECOMMENDATIONS AND ADVICE FOR THE PUBLIC

During previous outbreaks due to other coronavirus (Middle-East Respiratory Syndrome (MERS) and Severe Acute Respiratory Syndrome (SARS), human-to-human transmission occurred through droplets, contact and fomites, suggesting that the transmission mode of the 2019-nCoV can be similar. The basic principles to reduce the general risk of transmission of acute respiratory infections include the following:

- Avoiding close contact with people suffering from acute respiratory infections.
- Frequent hand-washing, especially after direct contact with ill people or their environment.
- Avoiding unprotected contact with farm or wild animals.
- People with symptoms of acute respiratory infection should practice cough etiquette (maintain distance, cover coughs and sneezes with disposable tissues or clothing, and wash hands).
- Within health care facilities, enhance standard infection prevention and control practices in hospitals, especially in emergency departments.

WHO does not recommend any specific health measures for travellers. In case of symptoms suggestive of respiratory illness either during or after travel, travellers are encouraged to seek medical attention and share their travel history with their health care provider.