

TECHNICAL FOCUS: Investigation of COVID-19 cases outside of China

As of 10am CET 13 Feb 2020, a total of 170 cases of COVID-19 who had a travel history to China have been reported outside of China. The vast majority of these (151, 89%) do not appear to lead to further transmission of the virus, while the remaining 19 have been associated with onward transmission within 12 distinct groups of epidemiologically linked cases (Fig 2). Among these, four groups have involved at least nine individuals. The largest involves 20 individuals in six countries thus far - United Kingdom (6), France (5), Malaysia (3), Singapore (3), Republic of Korea (2), Spain (1) - and has been linked to a conference held in Singapore between 20 and 22 January 2020 and a subsequent ski trip to the French Alps (Table 1, Figure 2). The next largest involves 15 cases and was linked to a conference in Bavaria, Germany. Among the attendees was an individual with an epidemiological link to confirmed cases in Wuhan, China. Additionally, one of the 15 cases was detected in, but did not involve transmission within, Spain.

Sixteen cases have been reported in four countries for which there are no clearly established epidemiological links. For all these individuals, investigations are ongoing to establish the mechanism by which they were infected.

Table 1. Summary of four events with linked cases and transmission out of China with number of confirmed cases larger than seven, as of 10 am 13 Feb 2020

Event Number	Countries Reporting	Number of Confirmed Cases	Date of report to WHO of last case
1	France (5), Malaysia (3), Republic of Korea (2), Singapore (3), Spain (1), The United Kingdom (6)	20	10 Feb 2020
2	Germany (14), Spain (1)	15	11 Feb 2020
3	Viet Nam (9)	9	11 Feb 2020
4	Singapore (9)	9	8 Feb 2020

Table 2. Confirmed cases of COVID-19 acute respiratory disease reported by provinces, regions and cities in China, 13 February 2020*

Province/Region/City ¹	Population (in 10,000s)	Confirmed Cases
Hubei	5917	34874
Guangdong	11346	1241
Zhejiang	5737	1145
Henan	9605	1169
Hunan	6899	968
Anhui	6324	910
Jiangxi	4648	872
Jiangsu	8051	570
Chongqing	3102	518
Shandong	10047	506
Sichuan	8341	451
Heilongjiang	3773	395
Beijing	2154	366
Shanghai	2424	313
Fujian	3941	279
Hebei	7556	265
Shaanxi	3864	229
Guangxi	4926	222
Yunnan	4830	155
Hainan	934	157
Shanxi	3718	126
Guizhou	3600	135
Liaoning	4359	116
Tianjin	1560	112
Gansu	2637	87
Jilin	2704	84
Inner Mongolia	2534	61
Xinjiang	2487	63
Ningxia	688	64
Hong Kong SAR	745	50
Qinghai	603	18
Taipei and environs	2359	18
Macao SAR	66	10
Xizang	344	1
Total	142823	46550

¹ [China Statistical Yearbook - 2019](#)

National Bureau of Statistics of China, 1 October 2019

Table 3. Countries, territories or areas with reported confirmed COVID-19 cases and deaths. Data as of 13 February 2020

WHO Region	Country/Territory/Area	Confirmed cases (new)	Total cases with travel history to China (new)	Total cases with possible or confirmed transmission outside of China [†] (new)	Total cases with site of transmission under investigation (new)	Total deaths (new)
Western Pacific Region	China [‡]	46 550 (1820)				
	Singapore	50 (3)	22 (0)	28 (3)	0 (0)	0 (0)
	Japan	29 ^{**} (0)	24 (0)	5 (0)	0 (0)	0 (0)
	Republic of Korea	28 (0)	13 (0)	12 ^{§§} (0)	3 (0)	0 (0)
	Malaysia	18 (0)	15 (0)	3 ^{**} (0)	0 (0)	0 (0)
	Viet Nam	16 (1)	8 (0)	8 (1)	0 (0)	0 (0)
	Australia	15 (0)	15 (0)	0 (0)	0 (0)	0 (0)
	Philippines	3 (0)	3 (0)	0 (0)	0 (0)	1 (0)
	Cambodia	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
South-East Asia Region	Thailand	33 (0)	23 (0)	6 (0)	4 (0)	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	14 (1)	12 (1)	2 (0)	0 (0)	0 (0)
	Canada	7 (0)	6 (0)	0 (0)	1 (0)	0 (0)
European Region	Germany	16 (0)	2 (0)	14 (0)	0 (0)	0 (0)
	France	11 (0)	5 (0)	6 (0)	0 (0)	0 (0)
	The United Kingdom	9 (1)	2 (1)	7 ^{***} (0)	0 (0)	0 (0)
	Italy	3 (0)	3 (0)	0 (0)	0 (0)	0 (0)
	Russian Federation	2 (0)	2 (0)	0 (0)	0 (0)	0 (0)
	Spain	2 (0)	0 (0)	2 [§] (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)
	Sweden	1 (0)	1 (0)	0 (0)	0 (0)	0 (0)
Eastern Mediterranean Region	United Arab Emirates	8 (0)	6 (0)	1 (0)	1 (0)	0 (0)
	International conveyance (Japan)	174 ^{**} (0)	0 (0)	0 (0)	174 (0)	0 (0)

*Case classifications are based on [WHO case definitions](#) for COVID-19.

[†]Location of transmission is classified based on WHO analysis of available official data and may be subject to reclassification as additional data become available.

[‡]Confirmed cases in China include cases confirmed in Hong Kong SAR (50 confirmed cases, 1 death), Macao SAR (10 confirmed cases) and Taipei and environs (18 confirmed cases).

^{**}Cases identified on a cruise ship currently in Japanese territorial waters.

[§]The exposure for 2 cases occurred outside of Spain.

^{***}The exposure for 6 cases occurred outside of the United Kingdom.

^{§§}The exposure for 3 cases occurred outside of Republic of Korea.

^{**}The exposure for 1 case occurred outside of Malaysia.

^{**}One case originally included in the international conveyance cases was reclassified as reported by Japan.