



Coronavirus Disease 2019 (COVID-19)

Daily Situation Report of the Robert Koch Institute

04/03/2020

Coronavirus Disease 2019
(COVID-19)

Germany

Confirmed cases

262

Deaths

0

Case fatality
ratio

-

– Changes since the last report have been marked *blue* in the text –

Summary

National (as of 04/03/2020, 3 pm)

- Since 27/01/2020, a total of **262** cases of SARS-CoV 2 infections were confirmed (referred to below as COVID-19-cases regardless of their symptoms) in Germany.
- **15** federal states are affected. Extensive contact tracing was initiated by the responsible health authorities.
- Currently, none of the 171 German guests at the hotel in Tenerife, Spain, have tested positive.

Epidemiological Situation in Germany

Case numbers¹

A total of **262 (+66)** laboratory-confirmed cases of coronavirus disease 2019 (COVID-19) have been detected in Germany since 27/01/2020, of which **148** were transmitted to and validated at the Robert Koch Institute (as of 11 am, 04/03/2020).

Information on laboratory-confirmed cases

So far, **262** cases from **84** rural districts in **15** federal states have been laboratory-confirmed (Table 1).

Table 1: Distribution of the **262** laboratory-confirmed COVID-19-cases per federal state in Germany (04/03/2020)

Federal state	Number of cases	Change to 03/03/2020
Brandenburg	1	0
Berlin	7	4
Baden-Württemberg	50	22
Bavaria	48	11
Bremen	3	1
Hesse	12	0
Hamburg	3	1
Mecklenburg-Western Pomerania	4	4
Lower Saxony	7	5
North Rhine-Westphalia	115	12
Rhineland-Palatinate	7	5
Saarland	1	1
Schleswig-Holstein	2	0
Saxony	1	0
Thuringia	1	0

The cases are between 2 and 85 years old; the median age is **40** years. The gender is known in **247** cases, of which **145** are male (**59%**) and **102** female (**41%**). For **228** cases (**92%**) it is known that they either had contact with a confirmed case or were in a risk area or area with a large number of cases (Table 2). The other cases are still under investigation.

Table 2: The most common mentioned exposure sites of laboratory-confirmed COVID-19-cases in Germany (04/03/2020)

	Place of exposure	Number of cases
National	NRW (Heinsberg)	113
	Living in Heinsberg	84
	Living outside Heinsberg	29
	Bayern	28
	Baden-Württemberg	10
International	Italien	51
	Iran	11
	China, Provinz Hubei	2

Almost all cases in North Rhine-Westphalia are connected with a large outbreak in the Heinsberg district. In the context of large carnival events, numerous people from the district of Heinsberg, but also people from other

¹ Due to subsequent reporting, information/numbers may change in the following weeks.

parts of North Rhine-Westphalia and other federal states have become infected with SARS-CoV-2. More than 110 cases have been attributed to this outbreak so far. The efforts of the crisis team in the district are concentrated on ensuring acute medical care.

In addition, exclusion diagnoses are carried out in several federal states. Current figures to confirm cases are available on the RKI website at https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Fallzahlen.html

Information on electronically reported cases

Of the 262 laboratory-confirmed cases, so far 148 cases from 12 states have been electronically reported to the Robert Koch Institute (see fig. 1).

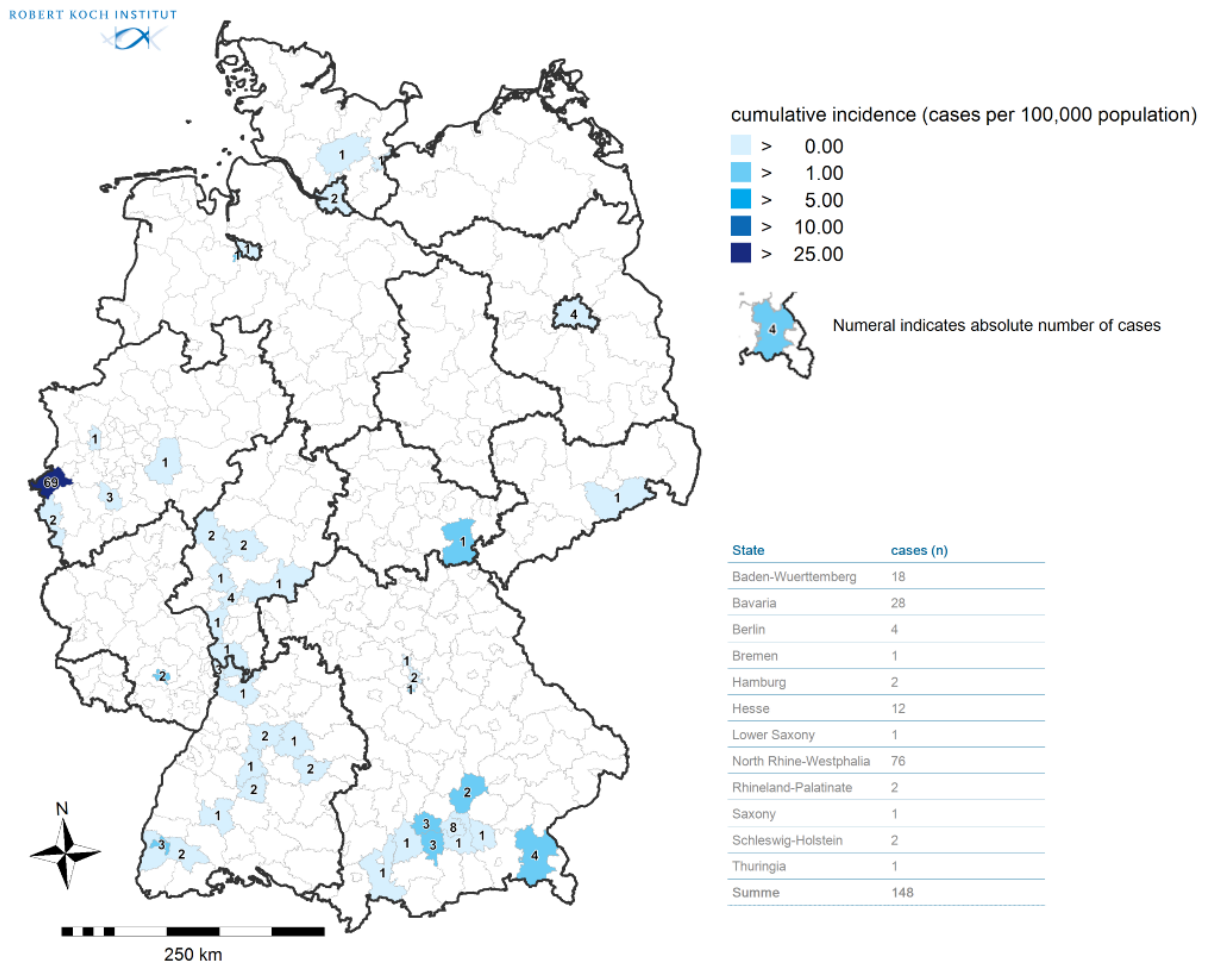


Figure 1: Distribution of the 148 electronically reported COVID-19-cases in Germany by county and state (04/03/2020)

Among these cases, 90 are male (60%) and 59 female (40%). The age range is from 2 to 69 years, including 6 children under the age of 5, 3 children aged 5-14 and 138 persons (93%) in the age groups 15 to 79 years (see Figure 2). For one person, the date is unknown. The median age is 37 years.

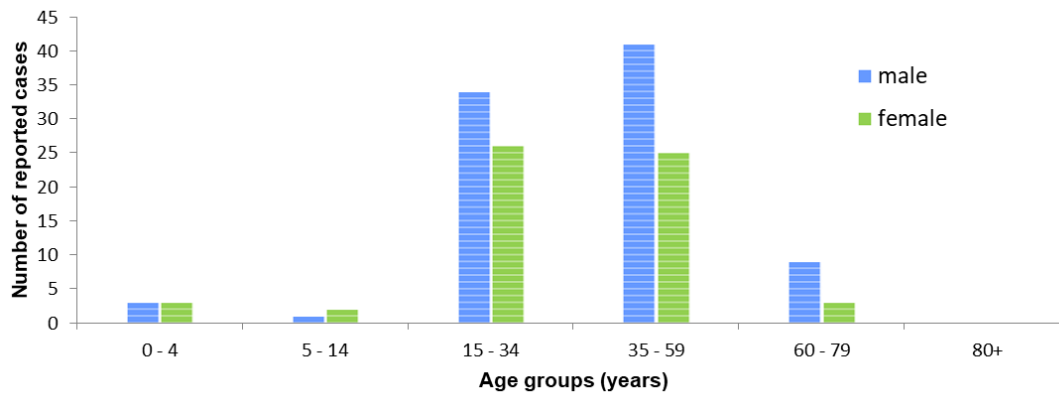


Figure 2: Electronically reported COVID-19-cases in Germany (n=147) by age group and sex (04/03/2020)

Known dates of symptom onset ranged from 23/01/2020 through 02/03/2020. In 53 cases, onset of symptoms is unknown and therefore date of reporting is shown (see fig. 3). The first COVID-19-case in Germany was lab-confirmed on 27/01/2020.

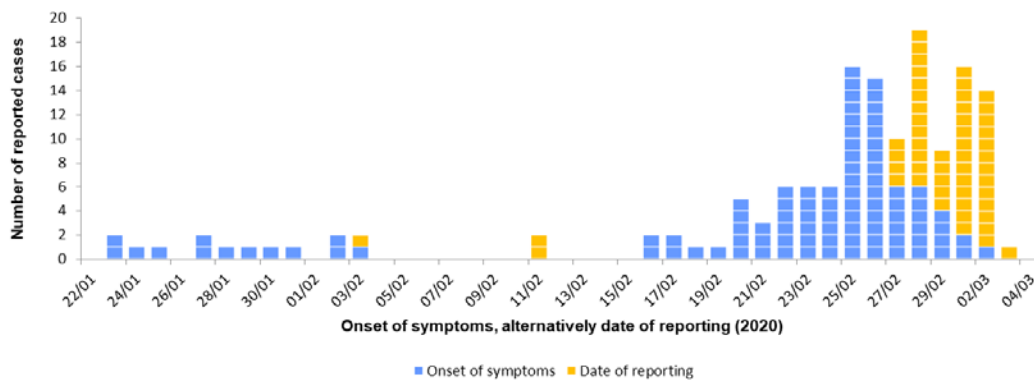


Figure 3: Epidemiological curve of the 148 electronically reported COVID-19-cases in Germany, by onset of symptoms and alternatively by date of reporting (04/03/2020)

Clinical information is available for 108 cases submitted, of which 7 cases were reported as not showing symptoms significant for COVID-19. The most common symptoms mentioned were cough (64 von 108, 59%), fever (45 von 108, 42%), and rhinitis (36 von 108, 33%). Pneumonia was reported in 3 cases (3%). Additionally, general symptoms such as headache, conjunctivitis, arthralgia, myalgia, weight loss, nausea, vomiting, diarrhoea, lymphadenopathy and apathy were reported.

Further information

In a hotel on Tenerife there were 6 laboratory-confirmed COVID-19-cases. Among the more than 800 hotel guests were 171 German citizens, of whom no confirmed case is known to date. On 28/02/2020, 130 people who had only checked in after the index case had been checked out left the hotel. The competent health authorities of the home towns were informed of the entry of Category 2 contact persons.

Assessment by the RKI

At the global level, the situation is very dynamic and must be taken seriously. Currently, there are insufficient data available to finally assess severity of COVID-19. Severe and fatal courses occur in some cases. The import of additional individual cases in Germany can be expected. Further single individual transmission events and chains of infection within Germany as well as local infection occurrences are possible. Therefore the risk to the German general population due to COVID-19 from China is currently considered to be moderate. However, a global

spread of the pathogen seems increasingly likely. This assessment may change in the short term as a result of new findings.

Measures taken by Germany

Risk areas

- As of 02/03/2020, the following regions are classified as risk areas (www.rki.de/covid-19-risikogebiete):
 - o In China: Hubei province (incl. City of Wuhan)
 - o In Iran: The province of Ghom and the City of Teheran
 - o In Italy: The region of Lombardy, the region of Emilia-Romagna and the city of Vo in the province of Padua in the Region of Veneto
 - o In South Korea: The province of Gyeongsangbuk-do (North-Gyeongsang)

Updated documents

- Information on acute respiratory diseases caused by SARS-CoV-2 is available on the RKI website at <https://www.rki.de/ncov> (including epidemiology, prevention and control measures in German).
- Since 03/03/2020 the following documents have been updated:
 - o Fallzahlen in Deutschland, China und weltweit
https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Fallzahlen.html?nn=13490888
 - o FAQ zu „Wie kann man sich vor einer Ansteckung schützen?“, „Mund-Nasen-Schutz“, „Bedeutung der Ausbreitung für Deutschland“, „Kontaktpersonen in Quarantäne“
https://www.rki.de/SharedDocs/FAQ/NCOV2019/FAQ_Liste.html?nn=13490888