ROBERT KOCH INSTITUT

Coronavirus Disease 2019 (COVID-19)
Daily Situation Report of the Robert Koch Institute

15/03/2020

Coronavirus Disease 2019 (COVID-19)	Germany	Confirmed cases 4,838	Deaths 12	Deaths (%) 0,2%

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

Summary

National (as of 15/03/2020, 3 pm)

- In total, 4,838 COVID-19 cases and 12 (+4) deaths in connection with COVID-19 have been reported in Germany.
- In addition, 2 German tourists died of COVID-19 in Egypt.
- All 16 federal states are affected. Extensive contact tracing by the responsible health authorities is ongoing.
- Most federal states have announced school and daycare closures starting from the week of 16/03/2020.
- German borders with Austria, Denmark, France, Luxembourg and Switzerland will be closed starting from 16/03/2020.

Epidemiological Situation in Germany

Case numbers[1]

With over 1,000 cases in Germany, the COVID-19 case numbers can no longer be manually updated and reported in a quality assured manner. Therefore, epidemiological evaluations in the COVID-19 situation report are based only on the electronically transmitted data available to the Robert Koch Institute (RKI) at the time of the data closure. The number of cases notified in advance manually will be listed in addition to the electronically reported cases until 16/03/2020 (see Table 1), after which only the electronically transmitted cases will be shown.

A total of 4,838 (+1,043) laboratory-confirmed cases of coronavirus disease 2019 (COVID-19) have been detected in Germany since 27/01/2020, of which 4,195 were electronically reported to and validated at the RKI. So far, 12 (+4) deaths related to COVID-19 diseases were reported.

Information on laboratory-confirmed cases

So far, 4,195 cases in 16 federal states have been laboratory-confirmed (Table 1).

Table 1: Distribution of the laboratory-confirmed COVID-19-cases per federal state in Germany (15/03/2020)

Federal State	Number of manually reported cases	Electronically submitted cases	
		Number	cases/100.000 pop.
Baden-Württemberg	827	524	4.7
Bavaria	886	804	6.1
Berlin	265	265	7.1
Brandenburg	84	56	2.2
Bremen	53	53	7.8
Hamburg	162	162	8.8
Hesse	286	207	3.3
Mecklenburg-Western Pomerania	50	33	2.1
Lower Saxony	287	238	3.0
North Rhine-Westphalia	1,407	1,407	7.8
Rhineland-Palatinate	168	168	4.1
Saarland	32	32	3.2
Saxony	130	91	2.2
Saxony-Anhalt	47	40	1.8
Schleswig-Holstein	103	79	2.7
Thuringia	51	36	1.7
Total	4,838	4,195	5.0

In addition, diagnosis is ongoing for suspected cases in several federal states. Current figures on confirmed cases are available on the RKI website at
https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Fallzahlen.html

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

Note: The report is a snapshot and is continuously updated.

Information on electronically reported cases

Of the 4,838 laboratory-confirmed cases, so far 4,195 cases from 16 states have been electronically reported to the Robert Koch Institute (see fig. 1).

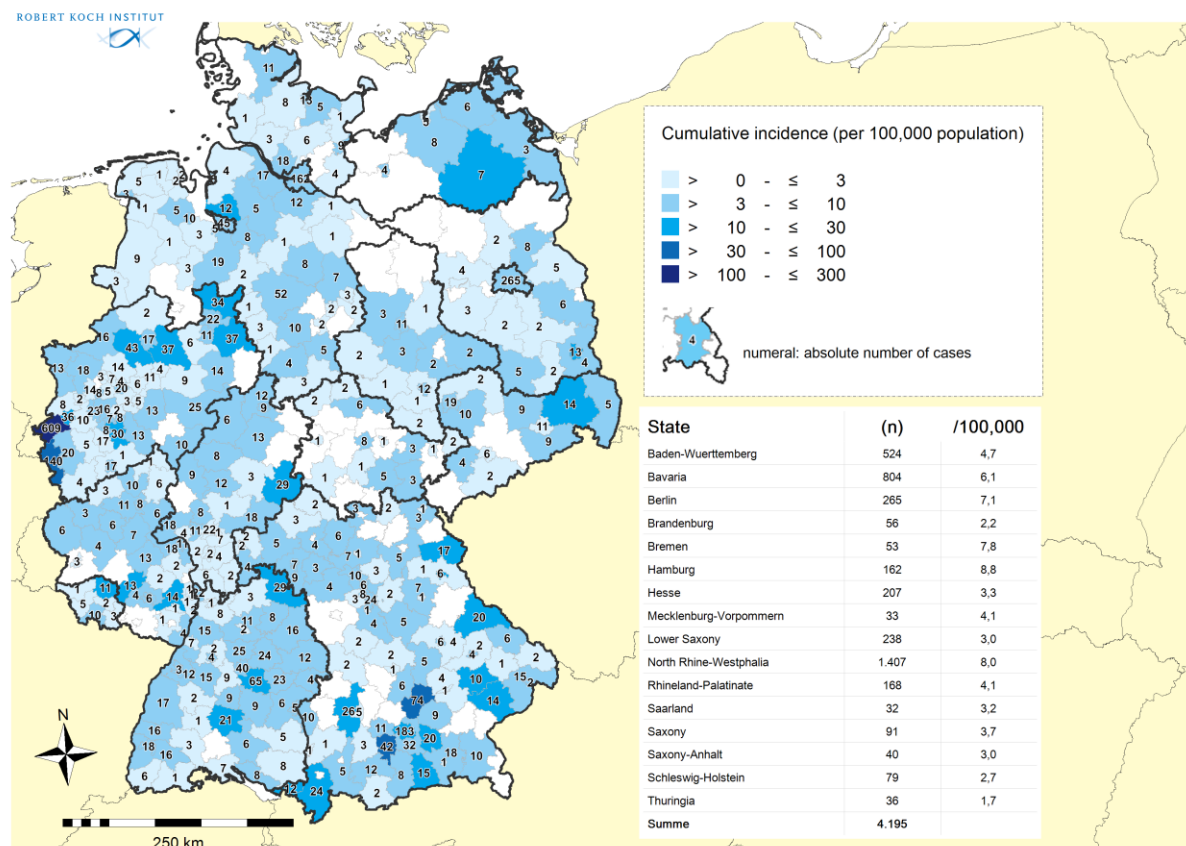| State	(n)	/100,000
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Thuringia	36	1,7
Summe	4.195	

Figure 1: Distribution of the 4,195 electronically reported COVID-19-cases in Germany by county and state (15/03/2020)

Among these cases, 2,376 are male (57%) and 1,807 female (43%). The age range is from 0 to 95 years, including 34 children under the age of 5, 106 children aged 5 to 14 years, 3,328 persons aged 15 to 59 years and 703 persons 60 years and older (see Figure 2). The age of 24 notified cases is unknown. The median age is 46 years.
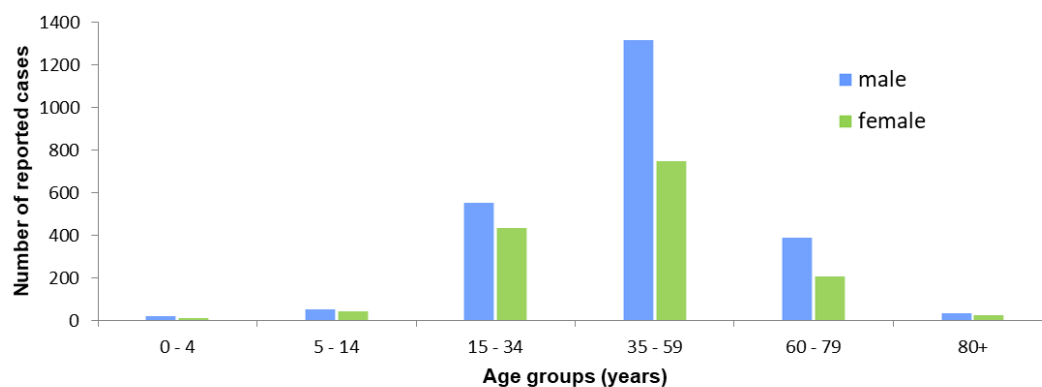

Figure 2: Electronically reported COVID-19-cases in Germany by age group and sex (n=4,171 with data available, 15/03/2020)

Known dates of symptom onset ranged from 23/01/2020 through 14/03/2020. In 1,688 cases, onset of symptoms is unknown and therefore date of reporting is shown (see fig. 3).

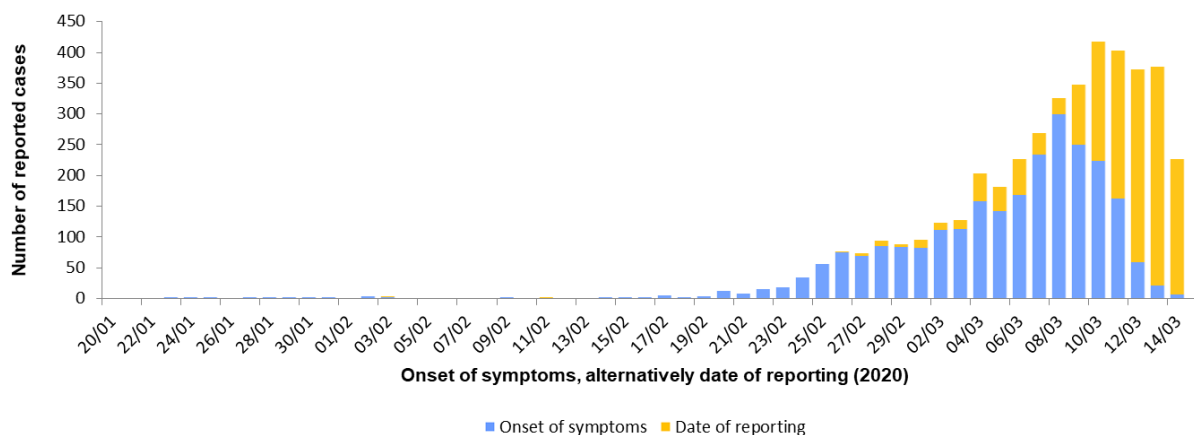Note: The report is a snapshot and is continuously updated.

Figure 3: Epidemiological curve of the 4.192 electronically reported COVID-19-cases in Germany since 20/01/2020, by onset of symptoms and alternatively by date of reporting (15/03/2020)

Further information

The 12 COVID-19-related deaths reported in Germany since 09/03/2020 concerned 8 men and 4 women, all older than 65 years of age, from the 3 federal states Northrhine-Westfalia (5), Bavaria (4) and Baden-Wurttemberg (3). In addition, 2 German tourists died of COVID-19 in Egypt on 08/03/20202 and 11/03/2020.

Assessment by the RKI

At the global and the national level, the situation is very dynamic and must be taken seriously. Severe and fatal courses occur in some cases. The number of cases in Germany continues to increase. The RKI currently assesses the overall risk to the health of the German population as moderate. However, this risk varies from region to region and is high in "particularly affected areas". The probability of serious disease progression increases with increasing age and existing previous illnesses. The burden on the health care system depends on the regional distribution of cases, health care capacity and initiation of containment measures (isolation, quarantine, social distancing etc.), and may be very high in some regions. This assessment may change on short notice as a result of new findings.

Measures taken by Germany

Risk areas and particularly affected areas in Germany

- As of 12/03/2020, the following regions are classified as particularly affected areas in Germany:
    o District of Heinsberg (North Rhine Westphalia)
- All federal states are implementing measures to enforce social distancing, such as cancellation of mass gatherings, closure of cultural institutions such as museums, theaters, concert halls, limiting operation of restaurants, bars and clubs, as well as school and daycare closures starting the week of 16/03/2020.

- As of 12/03/2020, the following regions are classified as risk areas (www.rki.de/covid-19-risikogebiete):
    o In Austria: Tyrol
    o In China: Hubei province (incl. City of Wuhan)
    o Iran
    o Italy
    o In South Korea: The province of Gyeongsangbuk-do (North-Gyeongsang)
    o In Spain: Madrid
    o In France: Region Grand Est (this region includes Alsace, Lorraine and Champagne-Ardenne)
    o In the United States: The states of California, Washington and New York

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