



Coronavirus Disease 2019 (COVID-19)

Daily Situation Report of the Robert Koch Institute

20/03/2020

Coronavirus Disease 2019
(COVID-19)

– Changes since the last report
are marked *blue* in the text –

Germany

Confirmed cases

13,957
(+2,958*)

Deaths

31
(+11*)

Deaths (%)

0.2%

*Change from previous day

Summary

National (as of 20/03/2020. 12:00 AM)

- As of March 17, the situation report will only report on laboratory-confirmed COVID-19 cases electronically transmitted to the RKI.
- The risk assessment of COVID-19 by the Robert Koch Institute was changed to “high”.
- In total, 13,957 COVID-19 cases and 31 deaths due to COVID-19 have been electronically reported in Germany.
- All 16 federal states are affected. In relation to population numbers, most cases have been notified from Hamburg, Baden-Württemberg, Berlin, North Rhine-Westphalia and Rhineland Palatinate.
- Most cases are between 25 and 59 years old; men are more affected than woman.
- All federal states have implemented extensive measures to enforce social distancing as well as school and daycare closures or suspension of compulsory school attendance from the week of 16/03/2020. Bavaria will enforce a limited curfew.
- As of March 16, Germany closed its borders with Austria, Denmark, France, Luxembourg and Switzerland.

Epidemiological Situation in Germany

Epidemiological analyses are based on validated cases notified electronically to RKI according to the Protection Against Infection Law (Data closure: 12 AM, 20/03/2020)

Since 27/01/2020, a total of **13,957 (+2,958)** laboratory-confirmed cases of coronavirus disease 2019 (COVID-19) have been electronically reported to and validated at the RKI, including **31** deaths. (see Table 1 and Figure 1). In addition, diagnosis is ongoing for suspected cases in several federal states. Information on confirmed cases are also available on the RKI website at https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Fallzahlen.html and <https://corona.rki.de>

Table 1: Distribution of the laboratory-confirmed COVID-19-cases per federal state in Germany (20/03/2020, 12:00 AM)

Federal State	Electronically submitted cases			Number of deaths
	Number	Difference	cases/100,000 pop.	
Baden-Württemberg	2,746	+ 591	25	10
Bavaria	2,401	+ 709	18	12
Berlin	731	+ 158	20	0
Brandenburg	192	+ 58	8	0
Bremen	121	+ 41	18	0
Hamburg	586	+ 154	32	0
Hesse	813	+ 131	13	1
Mecklenburg-Western Pomerania	131	+ 33	8	0
Lower Saxony	803	+ 134	10	0
North Rhine-Westphalia	3,497	+ 464	20	6
Rhineland-Palatinate	801	+ 164	20	1
Saarland	146	+ 47	15	0
Saxony	394	+ 119	10	0
Saxony-Anhalt	180	+ 40	8	0
Schleswig-Holstein	266	+ 64	9	1
Thuringia	149	+ 51	7	0
Total	13,957	+ 2,958	17	31

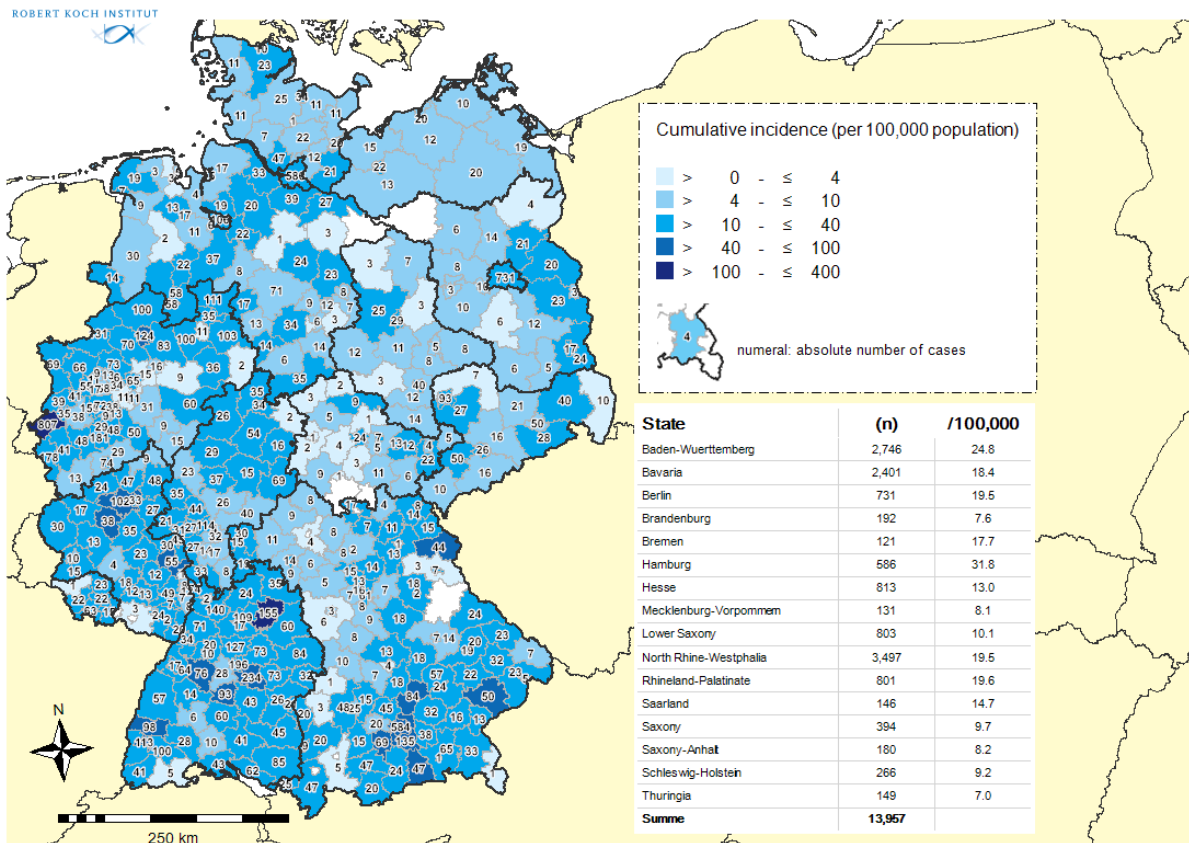


Figure 1: Distribution of the 13,957 electronically reported COVID-19-cases in Germany by county and state (20/03/2020)

Among these cases, 7,897 are male (57%) and 6,010 female (43%). The age range is from 0 to 108 years, including 108 children under the age of 5, 324 children aged 5 to 14 years, 11,114 persons aged 15 to 59 years and 2,342 persons 60 years and older (see Figure 2). The age of 69 notified cases is unknown. The median age is 47 years.

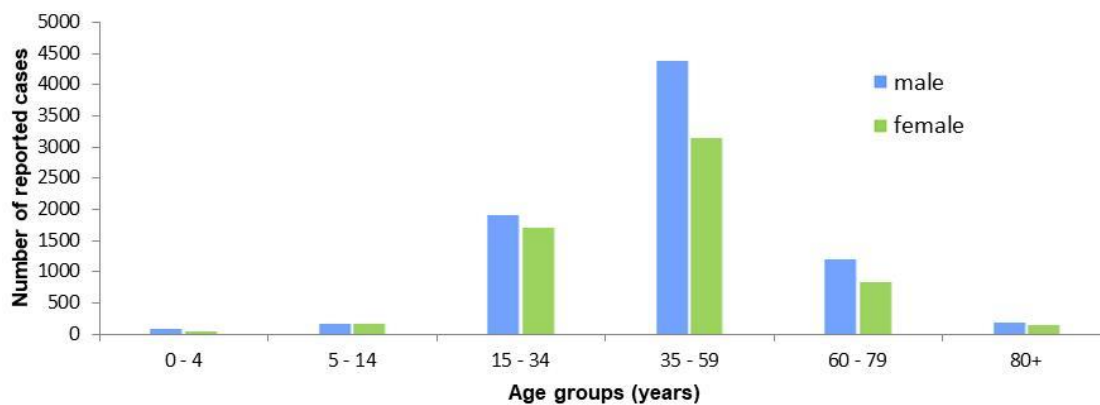


Figure 2: Electronically reported COVID-19-cases in Germany by age group and sex (n=13,856 cases with data available; 20/03/2020)

Known dates of symptom onset ranged from 23/01/2020 through 19/03/2020. In 6,163 cases, onset of symptoms is unknown and therefore date of reporting is shown (see fig. 3).

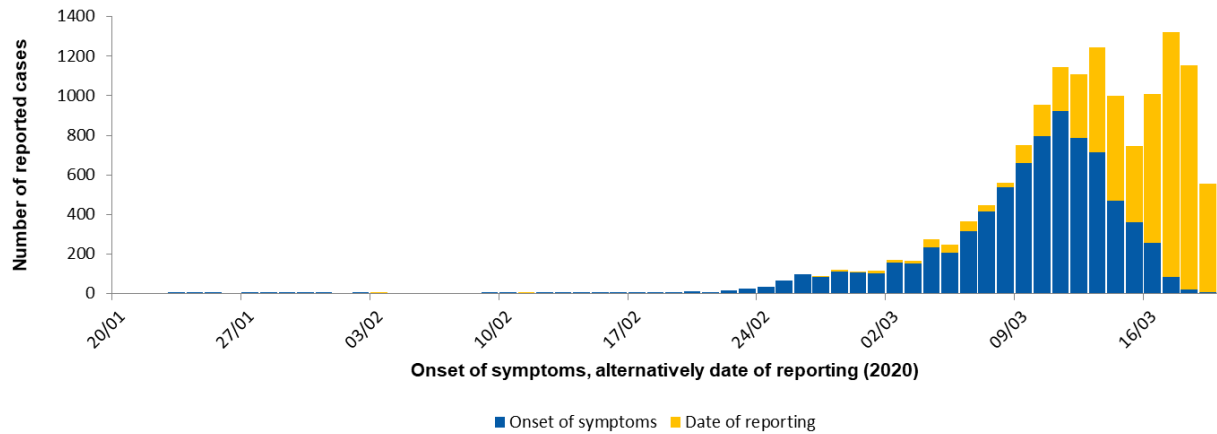


Figure 3: Epidemiological curve of the electronically reported COVID-19-cases in Germany since 20/01/2020 by onset of symptoms and alternatively by date of reporting. (20/03/2020)

Further information

The 31 COVID-19-related deaths reported in Germany since 09/03/2020 concerned 20 men and 11 women from the 6 federal states: Bavaria (12), Baden-Wurttemberg (10), Northrhine-Westfalia (6), Hesse (1), Rhineland-Palatinate (1) and Schleswig-Holstein (1). All the deceased were older than 65 years of age; the mean age was 81 years and median age 83 years.

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 high. However, this risk varies from region to region. 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

- The following regions are classified as particularly affected areas in Germany:
 - o District of Heinsberg (North Rhine Westphalia) since 12/03/2020
- 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.
- Bavaria has decreed a limited curfew https://www.stmgp.bayern.de/wp-content/uploads/2020/03/20200320_av_stmgp_ausgangsbeschraenkung.pdf

- 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

Other measures

- As of March 16/2020, the Federal Government has temporarily restricted cross-border traffic from France, Austria, Luxembourg, Switzerland and Denmark.
- On March 18, 2020, the Federal Government of Germany has decided to implement the entry restrictions for non-EU citizens to Germany. Citizens of EU countries and Great Britain, Iceland, Liechtenstein, Norway and Switzerland are permitted to travel through Germany.