



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

01/04/2020 - UPDATED STATUS FOR GERMANY

Confirmed cases	Deaths	Deaths (%)	Recovered
67,366 (+5,453*)	732 (+149*)	1.1	approx. 18,700**

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

*Change from previous day; **Estimation

Summary (as of 01/04/2020, 12:00 AM)

- In total, **67,366** COVID-19 cases and **732** deaths due to COVID-19 have been electronically reported to the Robert Koch Institute in Germany.
- All 16 federal states are affected. The incidence (cases per 100,000) of COVID-19 is highest in Hamburg (**126**), Bavaria (**126**) and Baden-Württemberg (**121**).
- Most cases (**73%**) are between 15 and 59 years old; men (**52%**) are more often affected than women (**48%**).
- **86%** of deaths occurred in persons aged 70 years or older.
- As of March 23/2020, gatherings of more than 2 persons (with the exception of families and household members) were banned in all states. Restaurants and businesses concerned with body care were closed.
- A new law was implemented on 28/03/2020 for the protection of the public in the event of epidemic emergencies of national concern, endorsing the federal government with additional competencies for epidemic response.
- As of March 31/03/2020 the entire countries of France and Spain are declared as international risk areas.

Epidemiological Situation in Germany

Geographical distribution of cases

Epidemiological analyses are based on validated cases notified electronically to RKI according to the Protection Against Infection Law (Data closure: 12:00 AM daily).

Since 27/01/2020, a total of **67,366 (+5,453)** laboratory-confirmed cases of coronavirus disease 2019 (COVID-19) have been electronically reported to and validated at the RKI, including **732** 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: Number and cumulative incidence (per 100,000 population) of notified laboratory-confirmed COVID-19-cases and deaths per federal state, Germany (01/04/2020, 12:00 AM)

Federal State	Electronically notified cases			
	Total Number of cases	Number of new cases	Cases/100,000 pop.	Number of deaths
Baden-Wuerttemberg	13,410	1,076	121	197
Bavaria	16,497	1,687	126	225
Berlin	2,754	179	73	16
Brandenburg	881	83	35	4
Bremen	311	17	46	5
Hamburg	2,311	120	126	14
Hesse	3,445	162	55	21
Mecklenburg-Western Pomerania	406	40	25	3
Lower Saxony	4,382	319	55	42
North Rhine-Westphalia	14,351	1,126	80	134
Rhineland-Palatinate	2,899	173	71	23
Saarland	829	47	84	8
Saxony	2,034	152	50	17
Saxony-Anhalt	750	70	34	7
Schleswig-Holstein	1,246	126	43	10
Thuringia	860	76	40	6
Total	67,366	5,453	81	732

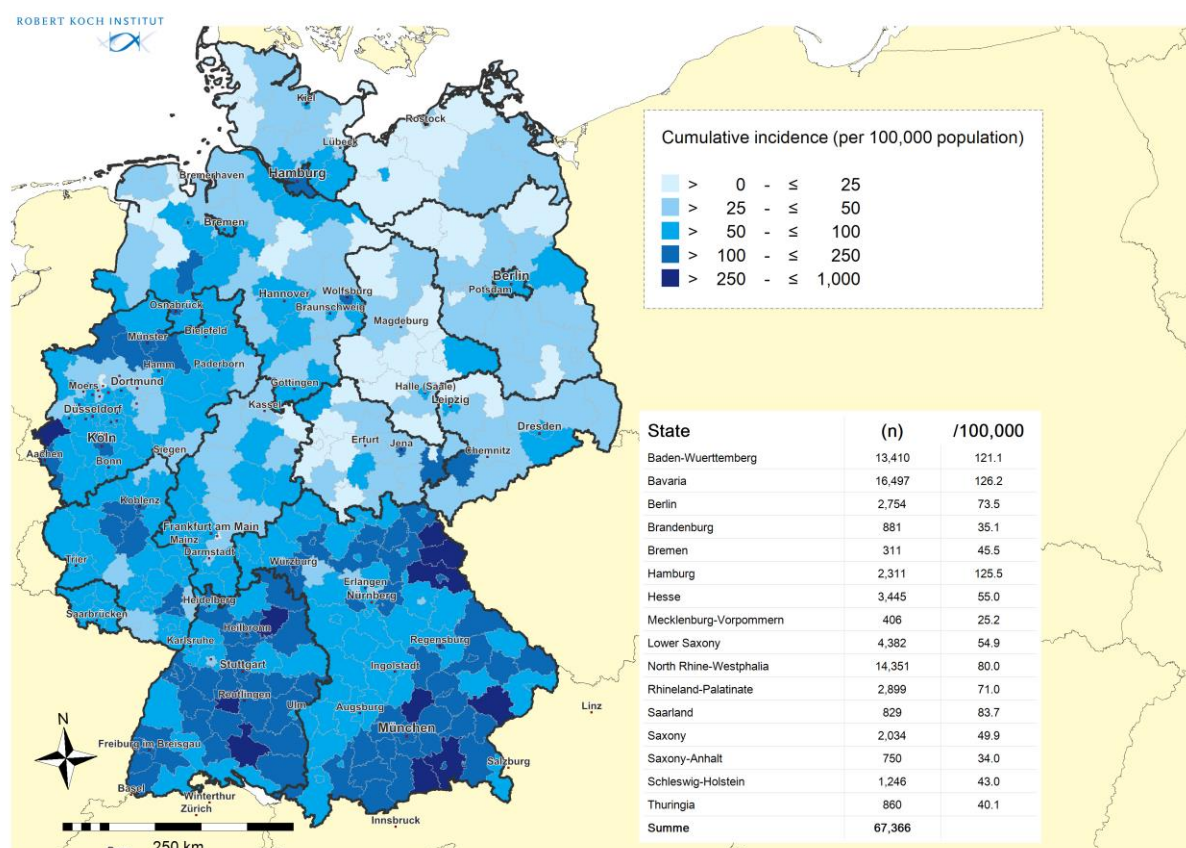


Figure 1: Number and cumulative incidence (per 100,000 population) of the 67,366 electronically reported COVID-19-cases in Germany by county and federal state (01/04/2020, 12:00 AM).

Please see the COVID-19 dashboard (<https://corona.rki.de/>) for information on number of COVID-19-cases by county (local health authority).

Distribution of cases over time

First COVID-19-cases were notified in Germany in January 2020. In 27,299 cases, onset of symptoms is unknown and therefore date of reporting is shown (see Figure 2).

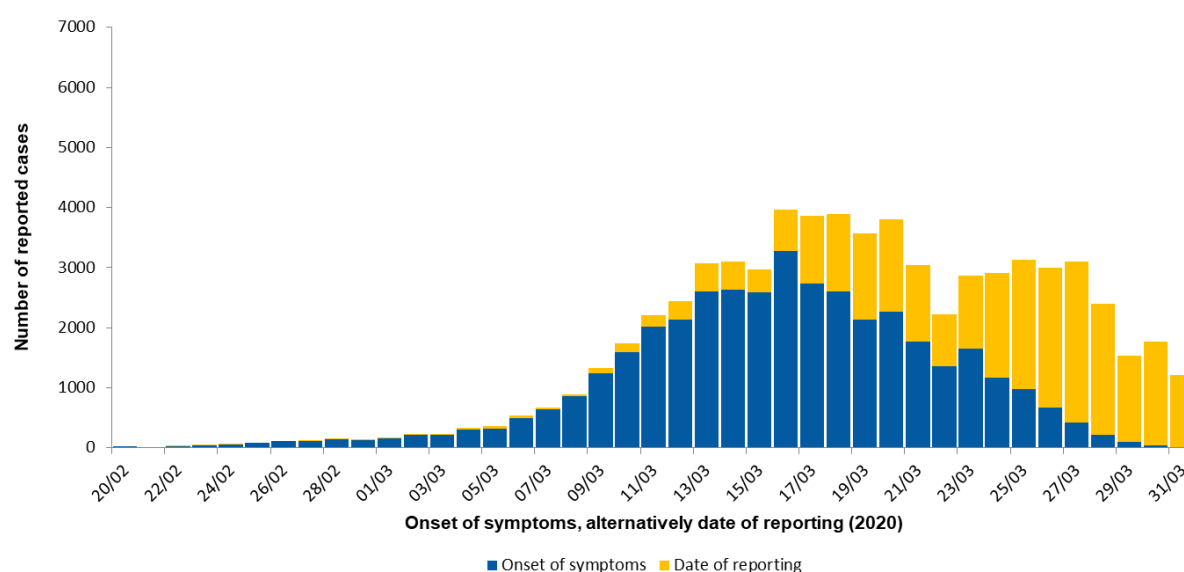


Figure 2: Number of electronically reported COVID-19-cases in Germany by date of symptom onset and alternatively by date of reporting from 20/02/2020, (01/04/2020, 12:00 AM)

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

Demographic distribution of cases

Of reported cases, 34,848 are male (52%) and 32,255 are female (48%). Among notified cases, there are 500 children under 5 years of age, 1,324 children aged 5 to 14 years, 49,174 persons aged 15 to 59 years, 12,394 aged 60 to 79 years and 3,784 persons aged 80 years and older (see Figure 3). The age of 190 notified cases is unknown. The median age of cases is 48 years.

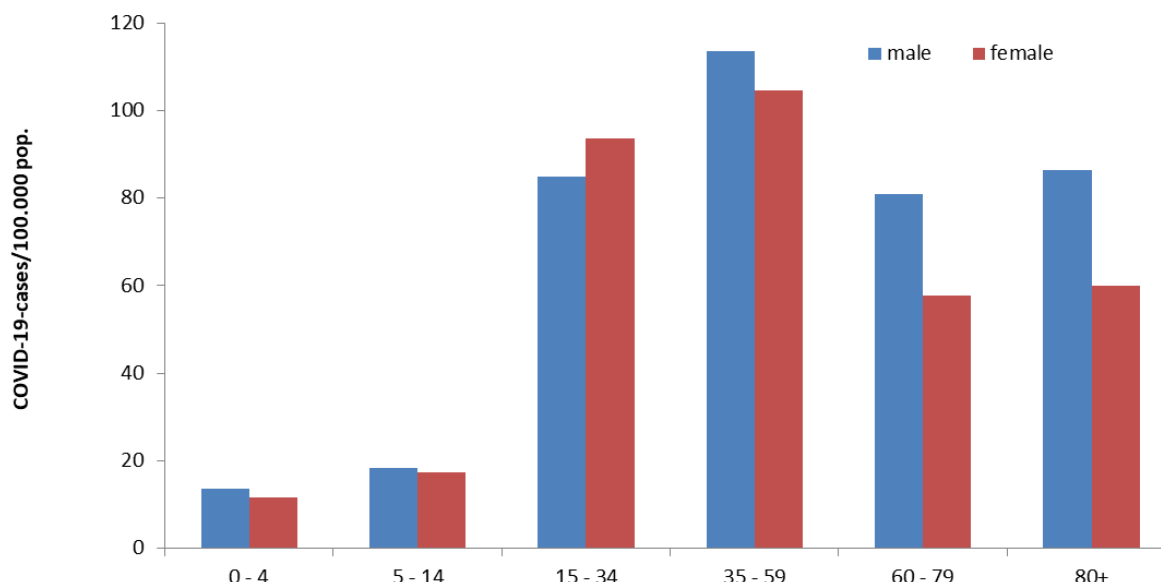


Figure 3: Electronically reported COVID-19-cases/100,000 population in Germany by age group and sex (n=66.930) for cases with information available (01/04/2020, 12:00 AM)

Clinical aspects

Information on symptoms is available for 48.767 of the notified cases. The most common manifestations are cough (53%), fever (42%) and rhinorrhoea (23%). For 992 cases, development of pneumonia is known (2%). Hospitalisation is reported for 6.382 (13%) of 49.176 COVID-19 cases with information on hospitalisation available.

An estimated 18,700 persons have recovered from their COVID-19 infection. Cases were considered to have recovered if they had a known symptom onset on or before 18/03/2020, were not reported to have pneumonia or dyspnea, did not require hospitalisation or had already been discharged and did not die. Cases were included in the algorithm only if information on date of symptom onset, symptoms, hospitalisation status and vital status were available.

The 732 COVID-19-related deaths reported in Germany since 09/03/2020 concerned 479 (65%) men and 252 (34%) women. The median age was 82 years and the range 28 to 105 years. Of all deaths, 631 (86%) were in persons 70 years or older. Of all reported cases only 12% were 70 years or older. Reports on COVID-19 related outbreaks in nursing homes are increasing. In these outbreaks the case fatality is high. In some of these outbreaks, the number of deaths is relatively high.

Table 2: Number of COVID-19-cases notified as having died by age group and sex (01/04/2020, 12:00 AM)

Sex	Age groups (years)				
	<60	60 - 69	70 - 79	80 - 89	>=90
male	35	42	129	225	48
female	7	16	42	144	42

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, hospitalisations and fatalities in Germany continues to increase. The RKI currently assesses the risk to the health of the German population overall as **high** and as **very high** for risk groups. The probability of serious disease progression increases with increasing age and underlying illnesses. The risk of disease varies from region to region. The burden on the health care system depends on the geographical and age distribution of cases, health care capacity and initiation of containment measures (isolation, quarantine, social distancing etc.), and may be very high in some geographical regions. This assessment may change on short notice as a result of new findings.

Measures taken by Germany

International risk areas

- The following countries and regions are classified as international risk areas (31/03/2020) (https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Risikogebiete.html):
 - Austria
 - Egypt
 - Iran
 - Italy
 - France
 - In South Korea: The city of Daegu and the province of Gyeongsangbuk-do (North-Gyeongsang)
 - Spain
 - In Switzerland: the cantons of Tessin, Waadt and Geneva
 - In the United States: The states of California, Washington, New York and New Jersey
- The province of Hubei in China is no longer classified as an international risk area.

Other measures

- Field teams of the RKI support outbreak containment measures with a focus on outbreaks in retirement and health care homes as well as hospitals in several federal states.
- Since 31.03.2020, the RKI no longer identifies particularly affected areas in Germany. In many districts there are outbreaks, some with large case numbers. Data on current disease activity in the districts can be found on the dashboard and in the daily situation reports.
- A new federal law was implemented on 28/03/2020 for the protection of the public in the event of epidemic situations, granting the federal government additional competencies for the control of epidemics. <https://www.bundesgesundheitsministerium.de/presse/pressemitteilungen/2020/1-quartal/corona-gesetzenspaket-im-bundesrat.html>
- As of 23 March 2020, gatherings of more than 2 persons (with the exception of families and household members) are banned in all federal states. Restaurants and businesses concerned with body care were closed. In public spaces, all persons must maintain a distance of 1.5 metres to other individuals <https://www.bundesregierung.de/breg-de/themen/coronavirus/besprechung-der-bundeskanzlerin-mit-den-regierungschefinnen-und-regierungschefs-der-laender-1733248>