



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

04/04/2020 - UPDATED STATUS FOR GERMANY

Confirmed cases	Deaths	Deaths (%)	Recovered
<b>85,778</b> (+6,082*)	<b>1,158</b> (+141*)	<b>1.3</b>	<b>approx. 26,400**</b>

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

\*Change from previous day; \*\*Estimation

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

- In total, **85,778** COVID-19 cases and **1,158** 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 Bavaria (**168**), Baden-Württemberg (**154**) and Hamburg (**146**).
- Most cases (**71%**) are between 15 and 59 years old; men (51%) and women (49%) are almost equally affected
- 86% of deaths, but only **14%** of all cases, occurred in persons aged 70 years or older.
- **Reports on COVID-19 related outbreaks in nursing homes and hospitals are increasing. In some of these outbreaks, the number of deaths is relatively high.**
- 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.

# 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 January 2020, a total of **85,778 (+6,082)** laboratory-confirmed cases of coronavirus disease 2019 (COVID-19) have been electronically reported to and validated at the RKI, including **1,158** 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](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 (04/04/2020, 12:00 AM)

Federal State	Total Number of cases	Number of new cases	Cases/100,000 pop.	Number of deaths
Baden-Wuerttemberg	17,014	955	154	316
Bavaria	21,908	1,671	168	349
Berlin	3,471	269	93	22
Brandenburg	1,211	136	48	12
Bremen	354	13	52	6
Hamburg	2,697	101	146	16
Hesse	4,279	286	68	42
Mecklenburg-Western Pomerania	501	33	31	5
Lower Saxony	5,571	490	70	85
North Rhine-Westphalia	17,885	1,279	100	200
Rhineland-Palatinate	3,504	142	86	29
Saarland	1,265	186	128	14
Saxony	2,591	255	64	24
Saxony-Anhalt	896	60	41	11
Schleswig-Holstein	1,559	116	54	17
Thuringia	1,072	90	50	10
<b>Total</b>	<b>85,778</b>	<b>6,082</b>	<b>103</b>	<b>1,158</b>

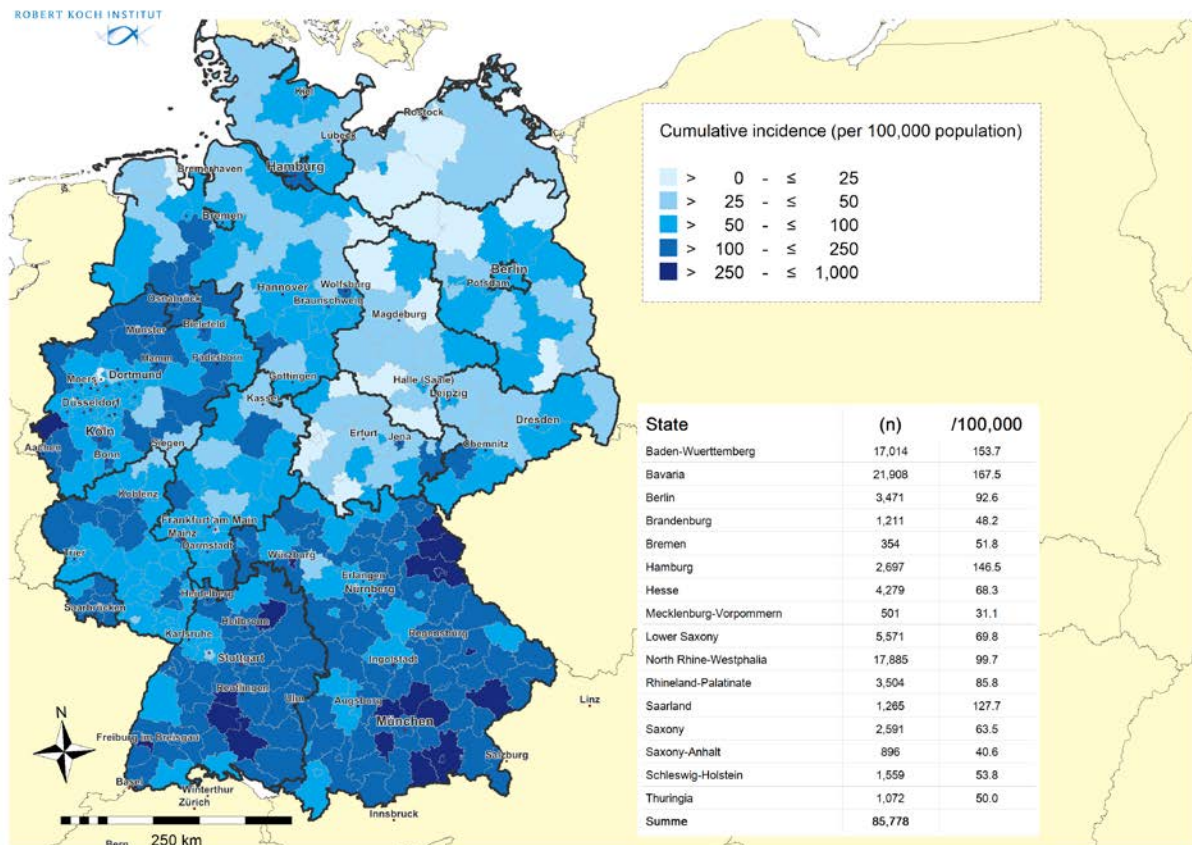


Figure 1: Number and cumulative incidence (per 100,000 population) of the 85,778 electronically reported COVID-19-cases in Germany by county and federal state (04/04/2020, 12:00 AM).

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**

COVID-19-cases were first notified in Germany in January 2020. In 33,990 cases, onset of symptoms is unknown and therefore date of reporting is shown (see Figure 2).

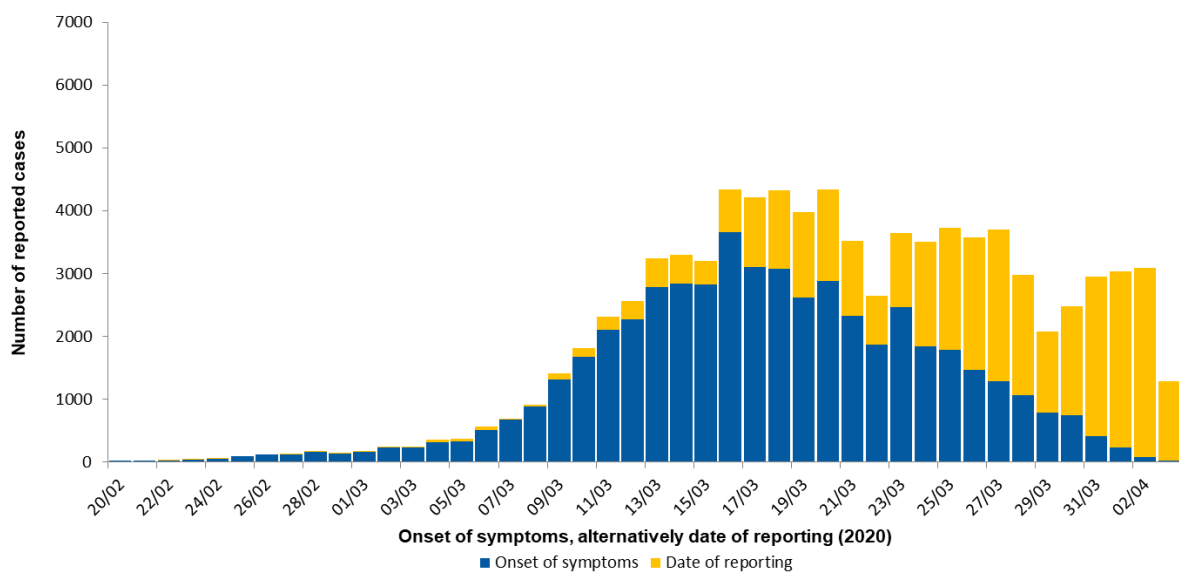


Figure 2: Number of electronically reported COVID-19-cases in Germany by date of symptom onset and alternatively by date of reporting from 20/02/2020 (04/04/2020, 12:00 AM)

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

## Demographic distribution of cases

Of reported cases, 51% are male and 49% are female. Among notified cases, there are 657 children under 5 years of age, 1,684 children aged 5 to 14 years, 60,997 persons aged 15 to 59 years, 16,333 aged 60 to 79 years and 5,925 persons aged 80 years and older (see Figure 3). The age of 182 notified cases is unknown. The median age of cases is 49 years.

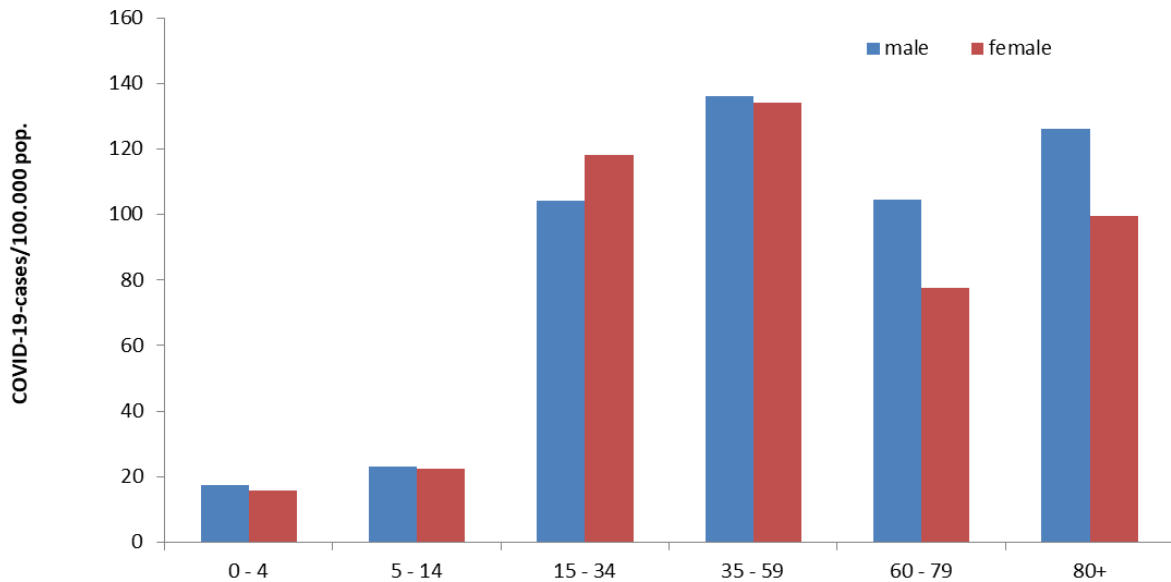


Figure 3: Electronically reported COVID-19-cases/100,000 population in Germany by age group and sex (n=85,314) for cases with information available (04/04/2020, 12:00 AM)

## Clinical aspects

Information on symptoms is available for 62,969 of the notified cases. The most common symptoms are cough (53%), fever (42%) and rhinorrhoea (22%). Pneumonia was reported in 1,376 cases (2%). Hospitalisation was reported for 8,803 (14%) of 63,593 COVID-19 cases with information on hospitalisation available.

An estimated 26,400 persons are estimated to have recovered from their COVID-19 infection. Cases were considered to have recovered if they had a known symptom onset on or before 21/03/2020, 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 1,158 COVID-19-related deaths reported in Germany since 09/03/2020 concerned 753 (65%) men and 403 (35%) women. The median age was 82 years and the range 28 to 105 years. Of all deaths, 999 (86%) were in persons 70 years or older, but only 14% of all cases were 70 years or older. Reports on COVID-19 related outbreaks in nursing homes are increasing. 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 (available for 1,156 of the 1,158 deaths; 04/04/2020, 12:00 AM)

Sex	Age groups (years)				
	<60	60 - 69	70 - 79	80 - 89	>=90
male	48	73	211	349	72
female	9	28	71	223	72

## 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](https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Risikogebiete.html)):
  - o Austria
  - o Egypt
  - o Iran
  - o Italy
  - o France
  - o In South Korea: The city of Daegu and the province of Gyeongsangbuk-do (North-Gyeongsang)
  - o Spain
  - o In Switzerland: the cantons of Tessin, Waadt and Geneva
  - o 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

- RKI teams are currently supporting outbreak containment measures with a focus on outbreaks in retirement and health care homes as well as hospitals in several federal states.
- Outbreaks are ongoing in many districts, some with high case numbers. Data on current disease activity in the districts can be found on the dashboard <https://corona.rki.de/> 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 23/03/2020, 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>