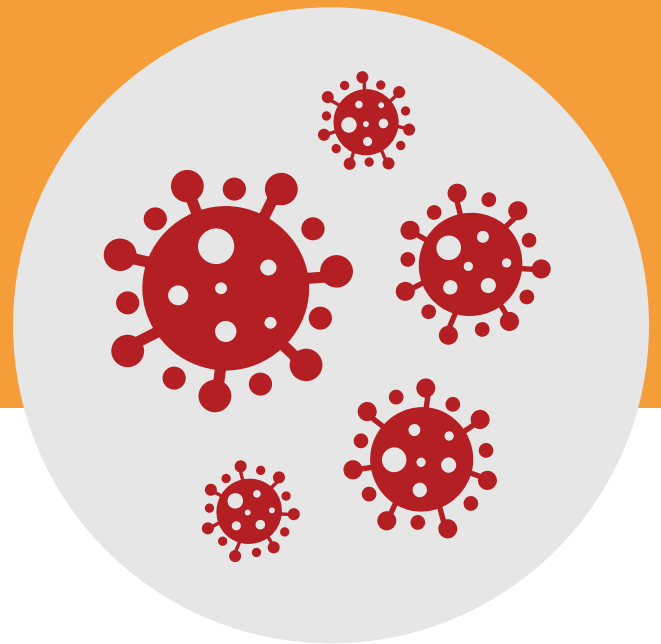




Covid-19

Rapport om omikronvarianten

19. dec. | 2021





Status of the SARS-CoV-2 variant Omicron in Denmark

Status for SARS-CoV-2 varianten omikron i Danmark

19 December 2021

Data extracted: 19 December 2021 at 12.30

Data opgjort: 19. december 2021 kl. 12.30

Remarks on data reference of the report.

In the previous version of this table before 2021-12-16, only cases that was tested for a possible variant of concern, were included in the other variants columns, across tables and figures. These changes especially increase non-omicron admission in Table 6, and results in slightly increased number of SARS-CoV-2. The changes do not affect the omicron results.

Omicron cases are identified through variant PCR and whole-genome sequencing (WGS). Few test results may not be included in the report due to data delays. Furthermore, small changes in data can occur retrospectively.

There are currently registered a total of 18,753 B.1.1.529 (Omicron) SARS-CoV-2 cases in Denmark.

Bemærkninger til datagrundlaget for rapporten.

I tidligere versioner af rapporten før 16-12-2021, indgik kun prøveresultater på SARS-CoV-2-positive prøver fra de kliniske mikrobiologiske afdelinger, hvor der var foretaget variant-PCR.

Dette har særligt betydning for tallene på indlagte i Tabel 6, hvor der ses en relativ stor stigning i indlagte med andre varianter end omikron. Det betyder også, at det samlede antal SARS-CoV-2 prøver pr. prøvedato er højere for stort set alle datoer. Ændringerne påvirker ikke tallene for omikron varianten.



Det totale antal omikrontilfælde er opgjort ud fra variant-PCR og helgenomssekventering (WGS). Da data opgøres med en vis forsinkelse vil de seneste dages prøvesvar ikke indgå i rapporten og få tilfælde kan mangle.

Der er for nuværende fundet 18.753 tilfælde af SARS-CoV-2 varianten omikron (B.1.1.529) i Danmark.

Table 1. Number of Omicron cases in Denmark

Tabel 1. Antal omikrontilfælde i Danmark

| Status | No. of Omicron cases | % | No. of cases since last report |
|--------------------------------|----------------------|-------|--------------------------------|
| Variant-PCR Matching B.1.1.529 | 18,027 | 96.1 | 3,301 |
| WGS confirmed | 726 | 3.9 | 0 |
| Total | 18,753 | 100.0 | 3,301 |

Please note that data collection takes longer for WGS data than for variant PCR data. WGS data is not run during the weekend. The change in number of cases since last report includes the total number of new positive test results and does not refer to a specific test date.

Bemærk venligst, at WGS data er yderligere forsinket ift. variant-PCR data. WGS data opgøres ikke i weekenden. Ændringen i antal cases siden sidste rapport beskriver det samlede antal nye positive prøveresultater siden sidste rapport og refererer ikke til en specifik prøvedato.



Table 2. Number of confirmed COVID-19 and Omicron cases per day*

Tabel 2. Antal bekræftede covid-19- og omikrontilfælde per dag*

| Date | No. of confirmed SARS-CoV-2 cases | No. of Omicron cases | Percentage of confirmed SARS-CoV-2 cases (%) | 95% confidence interval |
|------------|-----------------------------------|----------------------|--|-------------------------|
| 22-11-2021 | 4,514 | 1 | 0 % | 0%-0.1% |
| 23-11-2021 | 4,718 | 1 | 0 % | 0%-0.1% |
| 24-11-2021 | 4,034 | 0 | 0 % | 0%-0.1% |
| 25-11-2021 | 4,105 | 2 | 0 % | 0%-0.2% |
| 26-11-2021 | 4,162 | 2 | 0 % | 0%-0.2% |
| 27-11-2021 | 3,853 | 2 | 0.1 % | 0%-0.2% |
| 28-11-2021 | 3,894 | 12 | 0.3 % | 0.2%-0.5% |
| 29-11-2021 | 5,095 | 10 | 0.2 % | 0.1%-0.4% |
| 30-11-2021 | 5,424 | 24 | 0.4 % | 0.3%-0.7% |
| 01-12-2021 | 4,552 | 74 | 1.6 % | 1.3%-2% |
| 02-12-2021 | 4,596 | 60 | 1.3 % | 1%-1.7% |
| 03-12-2021 | 5,173 | 71 | 1.4 % | 1.1%-1.7% |
| 04-12-2021 | 5,099 | 102 | 2 % | 1.6%-2.4% |
| 05-12-2021 | 4,807 | 170 | 3.5 % | 3%-4.1% |
| 06-12-2021 | 7,113 | 351 | 4.9 % | 4.4%-5.5% |
| 07-12-2021 | 7,340 | 566 | 7.7 % | 7.1%-8.4% |
| 08-12-2021 | 6,688 | 700 | 10.5 % | 9.7%-11.2% |
| 09-12-2021 | 6,641 | 756 | 11.4 % | 10.6%-12.2% |
| 10-12-2021 | 6,971 | 895 | 12.8 % | 12.1%-13.7% |
| 11-12-2021 | 6,701 | 1,096 | 16.4 % | 15.5%-17.3% |
| 12-12-2021 | 7,148 | 1,568 | 21.9 % | 21%-22.9% |
| 13-12-2021 | 10,607 | 3,054 | 28.8 % | 27.9%-29.7% |
| 14-12-2021 | 11,557 | 4,442 | 38.4 % | 37.6%-39.3% |
| 15-12-2021 | 11,278 | 3,296 | 29.2 % | 28.4%-30.1% |
| 16-12-2021 | Data pending | 1,195 | Data pending | Data pending |
| 17-12-2021 | Data pending | 302 | Data pending | Data pending |
| 18-12-2021 | Data pending | 1 | Data pending | Data pending |

*The number of cases for the past few days are associated with some uncertainty due to data delays.

*Antal tilfælde for de sidste dage forbundet med en del usikkerhed, da der kan forekomme forsinkelser i data.

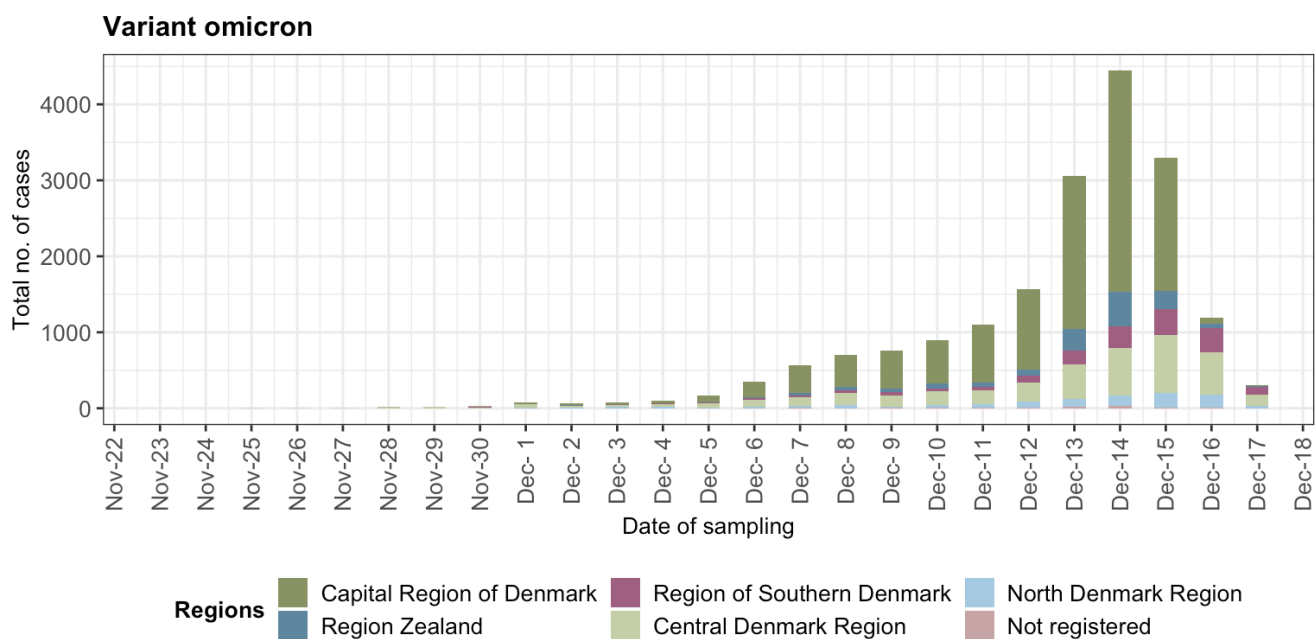
Please also refer to the latest variant PCR report on ssi.dk.

Se også den seneste opgørelse over variant-PCR på ssi.dk.



Figure 1. Number of new Omicron cases per day, by region*

Figur 1. Samlet antal nye omikrontilfælde per dag, fordelt på region*



*The number of cases for the past few days are associated with some uncertainty due to data delays.

*Antal tilfælde for de sidste dage forbundet med en del usikkerhed, da der kan forekomme forsinkelser i data.



Table 3. Number of Omicron cases by region, for the last two full weeks

Tabel 3. Regional fordeling af omikrontilfælde de sidste to hele uger

| Week: 2021-48 | | | | |
|----------------------------|-----------------------------------|----------------------|--------------------------|----------------------------------|
| Region | No. of confirmed SARS-CoV-2 cases | No. of omicron cases | Percentage confirmed (%) | Binomial 95% confidence interval |
| Capital Region of Denmark | 15,581 | 213 | 1.4% | 1.2%-1.6% |
| Region Zealand | 5,162 | 9 | 0.2% | 0.1%-0.3% |
| Region of Southern Denmark | 5,678 | 19 | 0.3% | 0.2%-0.5% |
| Central Denmark Region | 5,778 | 210 | 3.6% | 3.2%-4.1% |
| North Denmark Region | 2,381 | 55 | 2.3% | 1.7%-3% |
| Not registered | 166 | 5 | 3.0% | 1%-6.9% |
| Total | 34,746 | 511 | 1.5% | 1.3%-1.6% |

| Week: 2021-49 | | | | |
|----------------------------|-----------------------------------|----------------------|--------------------------|----------------------------------|
| Region | No. of confirmed SARS-CoV-2 cases | No. of omicron cases | Percentage confirmed (%) | Binomial 95% confidence interval |
| Capital Region of Denmark | 22,042 | 3,873 | 17.6% | 17.1%-18.1% |
| Region Zealand | 6,955 | 333 | 4.8% | 4.3%-5.3% |
| Region of Southern Denmark | 7,239 | 303 | 4.2% | 3.7%-4.7% |
| Central Denmark Region | 8,790 | 1,135 | 12.9% | 12.2%-13.6% |
| North Denmark Region | 3,341 | 259 | 7.8% | 6.9%-8.7% |
| Not registered | 235 | 29 | 12.3% | 8.4%-17.2% |
| Total | 48,602 | 5,932 | 12.2% | 11.9%-12.5% |



Figure 2. Number of cases with other SARS-CoV-2 variants and Omicron by age group, data included in the figure are from 22 November to 16 December 2021

Figur 2. Antal tilfælde med andre SARS-CoV-2 varianter og omikron, pr. aldersgruppe i perioden fra og med 22. november 2021 til og med 16. december 2021

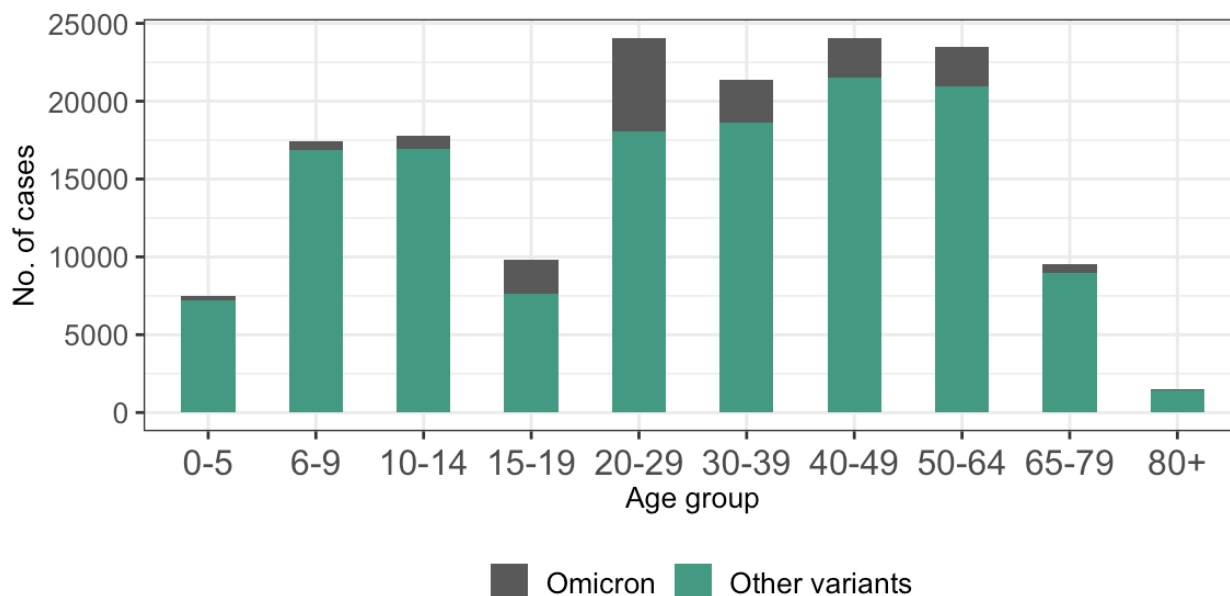


Figure 3. Proportion of other SARS-CoV-2 variants and Omicron cases by age group, data included in the figure are from 22 November to 16 December 2021

Figur 3. Andel tilfælde af andre SARS-CoV-2 varianter og omikron per aldersgruppe, ud af alle tilfælde med de pågældende varianter i perioden fra og med 22. november 2021 til og med 16. december 2021

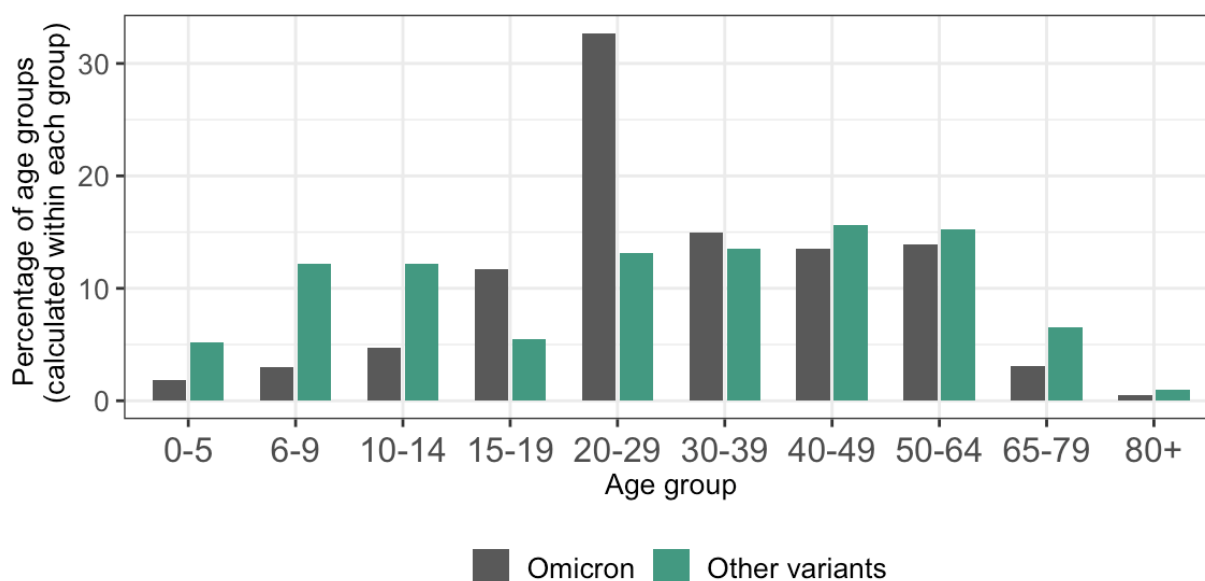




Table 4. Vaccination status for individuals ≥ 12 years infected with Omicron compared to other variants, data included in the table are from 22 November to 16 December 2021

Tabel 4. Vaccinationsstatus for personer ≥ 12 år med omikron-infektion sammenlignet med andre varianter i perioden fra og med 22. november 2021 til og med 16. december 2021

| Vaccination status (12+ year olds) | Other variants (No. of cases) | Other variants (%) | Omicron (No. of cases) | Omicron (%) |
|------------------------------------|-------------------------------|--------------------|------------------------|-------------|
| Booster vaccinated | 8,866 | 8.6 | 1,851 | 10.8 |
| Fully vaccinated | 67,034 | 65.3 | 13,546 | 79.0 |
| Not vaccinated | 23,492 | 22.9 | 1,454 | 8.5 |
| Received first dose | 3,216 | 3.1 | 304 | 1.8 |
| Total | 102,608 | 99.9 | 17,155 | 100.0 |

Individuals aged 5-11 years have recently been invited for COVID-19 vaccination, hence the vaccination coverage is relatively low in this age group and not included in Table 4.

Personer i aldersgruppen 5-11 år er frnyligt blevet inviteret til covid-19-vaccination, hvorfor vaccinationstilslutningen i denne aldersgruppe foreløbigt er begrænset. Denne aldersgruppe er derfor ikke inkluderet i Tabel 4.

Table 5. Number of Omicron related hospitalizations at the time of data extraction

Tabel 5. Antal omikron-relaterede indlæggelser på tidspunktet for dataopgørelse

| Omicron related hospitalizations | No. of cases |
|----------------------------------|--------------|
| Hospitalized | 30 |
| Hospitalized in ICU | <5 |



Table 6. Number and proportion of Omicron-related hospital admissions compared to other variants, data included in the table are from 22 November to 16 December 2021

Tabel 6. Antal og andel omikronrelaterede indlæggelser sammenlignet med andre varianter i perioden fra og med 22. november 2021 til og med 16. december 2021

| Hospital admissions in total | Other variants (No. of cases) | Other variants (%) | Omicron (No. of cases) | Omicron (%) |
|--|-------------------------------|--------------------|------------------------|-------------|
| Have not been hospitalized | 136,064 | 98.5 | 18,366 | 99.4 |
| Tested positive 48 hrs or more after admission | 257 | 0.2 | 23 | 0.1 |
| Tested positive prior or within 48 hrs after admission | 1,828 | 1.3 | 91 | 0.5 |
| Total | 138,149 | 100.0 | 18,450 | 100.0 |

Tested positive 48 hrs or more after admission: Includes all individuals who have been admitted more than 48 hours before they tested positive for Omicron. This number covers all hospital-acquired Omicron cases.

Tested positive prior or within 48 hrs after admission: Includes all individuals who have tested positive before being admitted, or who tested positive up to 48 hours after admission.

Tested positive 48 hrs or more after admission: Inkluderer alle personer der har været indlagt mere end 48 timer før vedkommende testede positiv for Omicron. Dvs., dette tal dækker over hospitals-erhvervede omikron tilfælde.

Tested positive prior to, or within 48 hrs after admission: Inkluderer alle personer der er testet positiv før de indlægges eller testes positiv op til 48 timer efter indlæggelse.