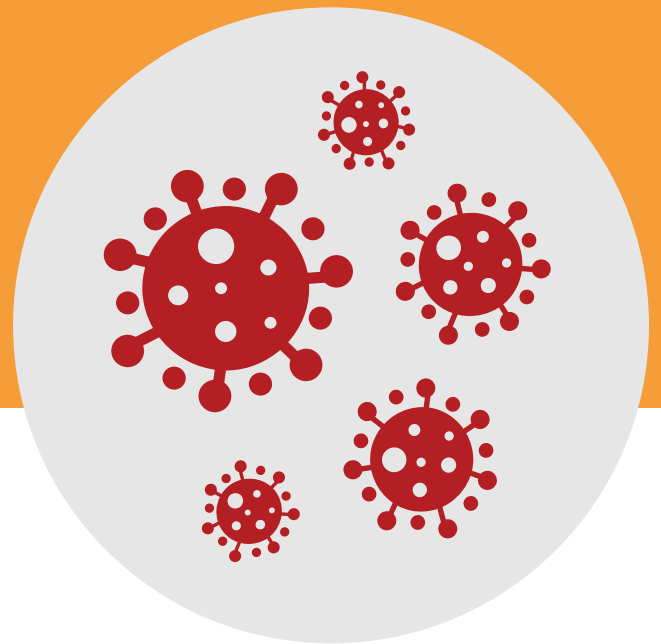




Covid-19

Rapport om omikronvarianten

29. dec. | 2021





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

Status for SARS-CoV-2 varianten omikron i Danmark

29 December 2021

Data extracted: 29 December 2021 at 10.00

Data opgjort: 29. december 2021 kl. 10.00

Remarks on data reference of the report.

Omicron cases are identified through variant PCR (VPCR) and whole-genome sequencing (WGS). For this report, only cases confirmed by variant PCR are included. Due to data delays, some results from the most recent days may not be included in the report. Furthermore, small changes in data can occur retrospectively.

Until Sunday 19 December 2021 near all positive SARS-CoV-2 samples were tested with variant PCR to identify Omicron cases. As of Monday 20 December 2021 only a representative sample of the positive SARS-CoV-2 samples are tested with variant PCR, hence, the number of identified Omicron cases does not represent the total number of Omicron cases in Denmark.

Vaccination status is missing in today's report due to technical problems.

There are currently registered a total of 46,140 B.1.1.529 (Omicron) SARS-CoV-2 cases in Denmark.

Bemærkninger til datagrundlaget for rapporten.

Omikrontilfælde bekræftes ved brug af variant-PCR og helgenomssekventering (WGS). I denne rapport inkluderes kun data på tilfælde bekræftet ved variant-PCR. Da data opgøres med en vis forsinkelse vil nogle prøveresultater fra de seneste dage ikke indgå i rapporten. Yderligere, kan der ske mindre ændringer bagud i tid.

Frem til søndag d. 19. december 2021 blev stort set alle positive SARS-CoV-2 prøver testet med variant-PCR, for at afgøre om en person var smittet med omikronvarianten. Fra den 20. december 2021 udtages kun et repræsentativt udsnit af de SARS-CoV-2 positive prøver til test med variant-PCR. Af den grund repræsenterer det samlede antal bekræftede omikrontilfælde ikke det fulde antal af omikrontilfælde i Danmark.



Vaccinationsstatus er ikke inkluderet i dagens rapport grundet tekniske problemer.

Der er for nuværende fundet 46.140 tilfælde af SARS-CoV-2 varianten omikron (B.1.1.529) i Danmark.



Table 1. Number of Omicron cases in Denmark identified by variant PCR.*

Tabel 1. Antal omikrontilfælde i Danmark bekræftet ved variant PCR.*

Status	No. of Omicron cases confirmed by VPCR	No. of Omicron cases since last report
Variant PCR matching B.1.1.529	46,140	5,882

*Note that only a representative number of positive SARS-CoV-2 tests are tested with variant-PCR. 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 sample date.

*Bemærk at der nu kun udtages et repræsentativt antal positive SARS-CoV-2 prøver til variant-PCR. 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 SARS-CoV-2 cases, Omicron cases, samples tested with variant PCR and percentage of omicron cases with 95% confidence interval per day*

Tabel 2. Antal bekræftede SARS-CoV-2-tilfælde, antal omikron tilfælde, antal prøver testet med variant-PCR og andel af omikrontilfælde med 95% sikkerhedsinterval pr. dag*

Date	Total no. of confirmed SARS-CoV-2 cases	No. of confirmed Omicron cases at KMA	No. of confirmed SARS-CoV-2 cases at TCDK	No. of TCDK samples tested by Variant-PCR	Proportion of confirmed Omicron cases out of VPCR tested TCDK samples (%)	95% confidence interval
21-11-2021	3,693	0	2	130	1.5%	0.2%-5.5%
22-11-2021	4,514	0	0	197	0.0%	0%-1.9%
23-11-2021	4,718	0	0	231	0.0%	0%-1.6%
24-11-2021	4,034	0	0	3,505	0.0%	0%-0.1%
25-11-2021	4,106	0	0	3,658	0.0%	0%-0.1%
26-11-2021	4,164	1	0	3,703	0.0%	0%-0.1%
27-11-2021	3,853	0	2	3,637	0.1%	0%-0.2%
28-11-2021	3,892	0	9	3,581	0.3%	0.1%-0.5%
29-11-2021	5,098	0	11	4,534	0.2%	0.1%-0.4%
30-11-2021	5,426	2	24	4,887	0.5%	0.3%-0.7%
01-12-2021	4,554	0	76	4,023	1.9%	1.5%-2.4%
02-12-2021	4,595	2	57	4,013	1.4%	1.1%-1.8%
03-12-2021	5,182	6	74	4,626	1.6%	1.3%-2%
04-12-2021	5,107	1	107	4,730	2.3%	1.9%-2.7%
05-12-2021	4,809	8	158	4,467	3.5%	3%-4.1%
06-12-2021	7,117	17	325	6,416	5.1%	4.5%-5.6%
07-12-2021	7,354	74	502	6,558	7.7%	7%-8.3%
08-12-2021	6,696	75	632	5,921	10.7%	9.9%-11.5%
09-12-2021	6,669	95	689	5,904	11.7%	10.9%-12.5%
10-12-2021	6,961	84	802	6,060	13.2%	12.4%-14.1%
11-12-2021	6,716	55	1,053	6,097	17.3%	16.3%-18.2%
12-12-2021	7,168	72	1,484	6,371	23.3%	22.3%-24.4%
13-12-2021	10,625	280	2,626	8,872	29.6%	28.7%-30.6%
14-12-2021	11,539	419	3,963	9,981	39.7%	38.7%-40.7%
15-12-2021	11,234	421	4,658	9,860	47.2%	46.3%-48.2%
16-12-2021	10,603	471	4,273	8,952	47.7%	46.7%-48.8%
17-12-2021	11,075	399	4,998	9,308	53.7%	52.7%-54.7%
18-12-2021	10,465	178	4,674	8,232	56.8%	55.7%-57.9%
19-12-2021	10,640	112	4,274	6,845	62.4%	61.3%-63.6%
20-12-2021	13,953	145	1,526	2,403	63.5%	61.5%-65.4%
21-12-2021	13,722	98	1,581	2,076	76.2%	74.3%-78%
22-12-2021	12,298	82	789	992	79.5%	76.9%-82%
23-12-2021	13,297	55	1,934	2,449	79%	77.3%-80.6%
24-12-2021	7,425	59	200	260	Data pending	Data pending
25-12-2021	8,265	77	285	371	Data pending	Data pending
26-12-2021	11,564	72	694	806	Data pending	Data pending
27-12-2021	23,819	68	227	258	Data pending	Data pending
28-12-2021	8,742	2	1	1	Data pending	Data pending
29-12-2021	5	0	0	0	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.

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The proportion of Omicron cases is calculated using only omicron variant PCR tested samples from Test Center Denmark. We expect that the calculated proportion is representative for all the confirmed SARS-CoV-2 cases.

Bemærk at andelen af omikrontilfælde er beregnet udelukkende på prøver undersøgt med omikron variant-PCR, udført af Testcenter Danmark. Det vurderes at den beregnede andel er repræsentativt for det samlede bekræftede SARS-CoV-2-tilfælde.



Please also refer to the latest variant PCR report on ssi.dk.
Se også den seneste opgørelse over variant-PCR på ssi.dk.



Table 3. Number of Omicron cases by region, for the last two weeks. The table includes data until (including) 23. December 2021, thus week 51 is not yet complete.

Tabel 3. Regional fordeling af omikron tilfælde de sidste to hele uger. Tabellen inkluderer data til og med 23. December 2021, hvorfor uge 51 endnu ikke er komplet.

Week: 2021-50						
Region	No. of confirmed SARS-CoV-2 cases	No. of confirmed Omicron cases at KMA	No. of confirmed Omicron cases at TCDK	No. of TCDK samples tested by Variant-PCR	Proportion of confirmed Omicron cases out of VPCR tested TCDK samples (%)	Binomial 95% confidence interval
Capital Region of Denmark	38,098	1,553	17,402	28,942	60.1%	59.6%-60.7%
Region Zealand	10,123	204	2,785	8,204	33.9%	32.9%-35%
Region of Southern Denmark	10,087	164	2,614	8,823	29.6%	28.7%-30.6%
Central Denmark Region	12,873	280	5,129	11,671	43.9%	43%-44.9%
North Denmark Region	4,628	69	1,427	4,194	34%	32.6%-35.5%
Not registered	372	10	109	216	50.5%	43.6%-57.3%
Total	76,181	2,280	29,466	62,050	47.5%	47.1%-47.9%

Week: 2021-51						
Region	No. of confirmed SARS-CoV-2 cases	No. of confirmed Omicron cases at KMA	No. of confirmed Omicron cases at TCDK	No. of TCDK samples tested by Variant-PCR	Proportion of confirmed Omicron cases out of VPCR tested TCDK samples (%)	Binomial 95% confidence interval
Capital Region of Denmark	27,186	147	3,598	4,390	82%	80.8%-83.1%
Region Zealand	7,292	19	936	1,474	63.5%	61%-66%
Region of Southern Denmark	6,519	73	445	739	60.2%	56.6%-63.8%
Central Denmark Region	8,518	57	595	879	67.7%	64.5%-70.8%
North Denmark Region	3,378	82	229	403	56.8%	51.8%-61.7%
Not registered	377	2	27	35	77.1%	59.9%-89.6%
Total	53,270	380	5,830	7,920	73.6%	72.6%-74.6%



Figure 1. Number of cases with Omicron, other SARS-CoV-2 variants and unknown variant Omicron by age group and week. The table includes data from 22 November to 23 December 2021, thus week 51 is not yet complete.

Figur 1. Antal tilfælde med omikron, andre SARS-CoV-2 varianter og ukendt variant, pr. aldersgruppe og uge. Tabellen er opgjort i perioden fra 22. november 2021 til 23. december 2021, hvorfor uge 51 endnu ikke er komplet.

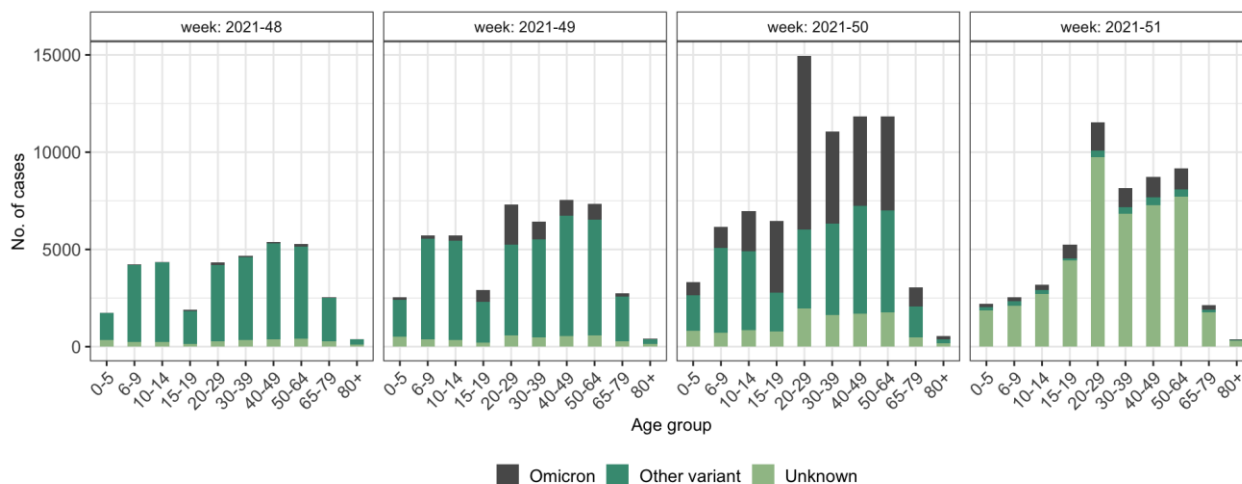


Figure 2. Proportion of Omicron, other SARS-CoV-2 variants and unknown variant by age group and week, from 22 November to 21 December 2021. The table includes data from 22 November to 23 December 2021 thus week 51 is not yet complete.

Figur 2. Andel af tilfælde med omikron, andre SARS-CoV-2 varianter og ukendt variant, pr. aldersgruppe og uge. Tabellen er opgjort i perioden fra 22. november 2021 til 23. december 2021 hvorfor uge 51 endnu ikke er komplet.

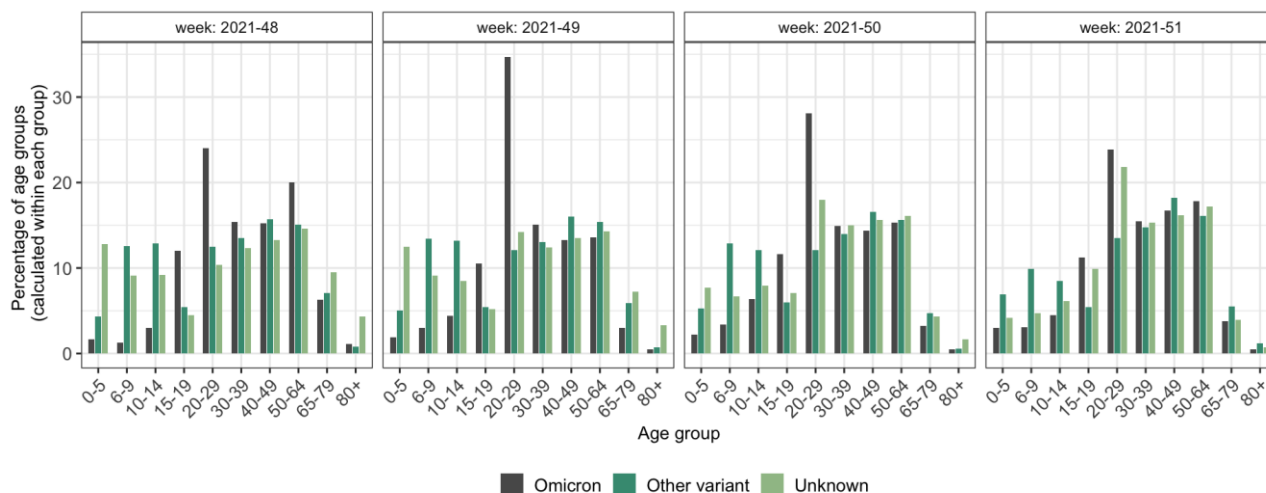




Table 4. Number of Omicron related hospitalizations at the time of data extraction, 29th of December 2021

Tabel 4. Antal omikron-relaterede indlæggelser på tidspunktet for dataopgørelse, 29. december 2021

Omicron related hospitalizations	No. of cases
Hospitalized	69
Hospitalized in ICU	<5



Table 5. Number and proportion of Omicron-related hospital admissions compared to other variants, data included in the table are from 22 November to 23 December 2021. The table includes only samples where the variant is identified.

Table 5. Antal og andel omikron-relaterede indlæggelser sammenlignet med andre varianter i perioden fra 22. november 2021 til 23. december 2021. Tabellen indeholder kun data på prøver, hvor varianten er identificeret.

Hospital admissions in total	Other variants (No. of cases)	Other variants (%)	Omicron (No. of cases)	Omicron (%)
Have not been hospitalized	123,683	98.9	44,142	99.3
Tested positive 48 hrs or more after admission	105	0.1	50	0.1
Tested positive prior or within 48 hrs after admission	1,329	1.1	263	0.6
Total	125,117	100	44,455	100

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.