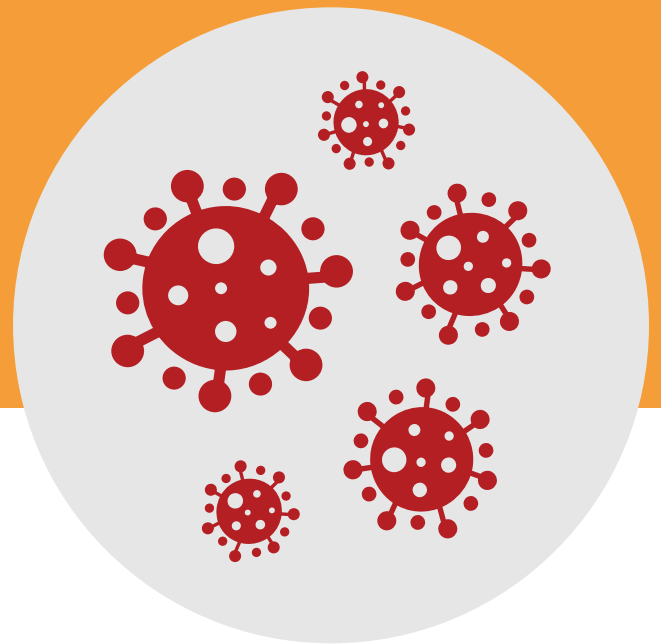




Covid-19

Rapport om omikronvarianten

07. jan. | 2022





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

Status for SARS-CoV-2 varianten omikron i Danmark

7th January 2022

Data extracted: 7th January 2022 at 10.00

Data opgjort: 7. januar 2022 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.

The Omicron variant is now responsible for >90% of the confirmed SARS-CoV-2 cases, hence the last Omicron report will be published the 7th of January. The development in number of new cases, admissions and severity can be followed on SSI's dashboards and in other publications.

As of 5th of January, the report will no longer include data on admissions and deaths. SSI continues to monitor and publish data on the development in Omicron cases and severity in publications, including the weekly "Tendensrapport".

As of 3rd of January 2022, data on vaccination status is changed and the groups "Completed primary schedule" and "Revaccinated" only includes people with expected full effect defined as 14 days after vaccination.

There are currently registered a total of 66,563 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 dages ikke indgå i rapporten. Yderligere, kan der ske mindre ændringer bagud i tid.



Idet omikronvarianten nu udgør > 90% af de bekræftede tilfælde, udfases omikronrapporten efter fredag den 7. januar. Udviklingen i smitte og indlæggelser m.m. vil fremadrettet kunne følges på SSI's dashboards og øvrige udgivelser.

Som led i udfasningen vil der pr. 5. januar 2022, ikke indgå data om indlagte og dødsfald i rapporten for omikron. SSI overvåger og formidler fortsat nyt om omikrons udvikling og alvorlighed blandt andet i den ugentlige tendensrapport.

Der er for nuværende fundet 66.563 tilfælde af SARS-CoV-2 varianten omikron (B.1.1.529) i Danmark.

Pr. 3. januar 2022 er opgørelser på vaccinationsstatus ændret således at grupperne "Completed primary vaccination schedule" og "Revaccinated" kun inkluderer personer med forventet fuld effekt svarende til 14 dage efter vaccination.



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	66,563	5,000

*Note that not all 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 ikke alle positive SARS-CoV-2 prøver testes med 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 Omicron cases at TCDK**	No. of TCDK samples tested by VPCR	Proportion of confirmed Omicron cases out of VPCR tested TCDK samples (%)	95% confidence interval
21-11-2021	3693	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	4718	0	0	231	0.0%	0%-1.6%
24-11-2021	4,034	0	0	3505	0.0%	0%-0.1%
25-11-2021	4106	0	0	3658	0.0%	0%-0.1%
26-11-2021	4,164	1	0	3703	0.0%	0%-0.1%
27-11-2021	3853	0	2	3637	0.1%	0%-0.2%
28-11-2021	3,892	0	9	3581	0.3%	0.1%-0.5%
29-11-2021	5098	0	11	4534	0.2%	0.1%-0.4%
30-11-2021	5,426	2	24	4887	0.5%	0.3%-0.7%
01-12-2021	4554	0	76	4023	1.9%	1.5%-2.4%
02-12-2021	4,595	2	57	4013	1.4%	1.1%-1.8%
03-12-2021	5182	6	74	4626	1.6%	1.3%-2%
04-12-2021	5,107	1	107	4730	2.3%	1.9%-2.7%
05-12-2021	4809	8	158	4467	3.5%	3%-4.1%
06-12-2021	7,117	17	325	6416	5.1%	4.5%-5.6%
07-12-2021	7354	74	502	6558	7.7%	7%-8.3%
08-12-2021	6,696	75	632	5921	10.7%	9.9%-11.5%
09-12-2021	6669	95	689	5904	11.7%	10.9%-12.5%
10-12-2021	6,961	84	802	6060	13.2%	12.4%-14.1%
11-12-2021	6716	55	1053	6097	17.3%	16.3%-18.2%
12-12-2021	7,168	72	1484	6371	23.3%	22.3%-24.4%
13-12-2021	10625	280	2626	8874	29.6%	28.6%-30.6%
14-12-2021	11,540	419	3963	9981	39.7%	38.7%-40.7%
15-12-2021	11236	420	4658	9860	47.2%	46.3%-48.2%
16-12-2021	10,603	471	4273	8952	47.7%	46.7%-48.8%
17-12-2021	11075	402	4999	9312	53.7%	52.7%-54.7%
18-12-2021	10,465	178	4889	8559	57.1%	56.1%-58.2%
19-12-2021	10641	113	4625	7343	63.0%	61.9%-64.1%
20-12-2021	13,954	150	1635	2551	64.1%	62.2%-66%
21-12-2021	13723	101	2373	3105	76.4%	74.9%-77.9%
22-12-2021	12,300	91	1049	1330	78.9%	76.6%-81%
23-12-2021	13298	63	2629	3313	79.4%	77.9%-80.7%
24-12-2021	7,427	64	511	610	83.8%	80.6%-86.6%
25-12-2021	8265	94	691	877	78.8%	75.9%-81.5%
26-12-2021	11,569	94	1913	2209	86.6%	85.1%-88%
27-12-2021	24018	129	4061	4550	89.3%	88.3%-90.1%
28-12-2021	23,326	86	1343	1490	90.1%	88.5%-91.6%
29-12-2021	18376	86	372	403	92.3%	89.3%-94.7%
30-12-2021	20,474	71	856	945	90.6%	88.5%-92.4%
31-12-2021	10288	63	396	431	91.9%	88.9%-94.3%
01-01-2022	9,219	72	386	409	94.4%	91.7%-96.4%
02-01-2022	21490	98	5729	6021	Data pending	Data pending
03-01-2022	27,715	105	2169	2264	Data pending	Data pending
04-01-2022	25827	86	120	129	Data pending	Data pending
05-01-2022	19,131	45	4	5	Data pending	Data pending
06-01-2022	8030	10	3	3	Data pending	Data pending
07-01-2022	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) 1st of January 2022.

Tabel 3. Regional fordeling af omikron tilfælde de sidste to hele uger. Tabellen inkluderer data til og med 1. januar 2022.

Region	Week: 2021-51					
	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	38,372	246	6,867	8,225	83.5%	82.7%-84.3%
Region Zealand	10,609	51	1,870	2,717	68.8%	67.0%-70.6%
Region of Southern Denmark	11,144	119	688	1,070	64.4%	61.4%-67.2%
Central Denmark Region	14,540	95	975	1,349	72.3%	69.9%-74.7%
North Denmark Region	5,263	143	351	572	0.614	57.2%-65.4%
Not registered	608	3	50	62	80.6%	68.6%-89.6%
Total	80,536	657	10,801	13,995	77.2%	76.5%-77.9%

Region	Week: 2021-52					
	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	44,319	222	3,894	4,257	91.5%	90.6%-92.3%
Region Zealand	14,865	77	1,252	1,444	86.7%	84.8%-88.4%
Region of Southern Denmark	17,003	15	703	794	88.5%	86.1%-90.7%
Central Denmark Region	19,814	143	1,099	1,197	91.8%	90.1%-93.3%
North Denmark Region	8,989	48	444	506	0.877	84.6%-90.5%
Not registered	711	2	22	30	73.3%	54.1%-87.7%
Total	105,701	507	7,414	8,228	90.1%	89.4%-90.7%



Figure 1. Number of cases with Omicron, other SARS-CoV-2 variants and unknown variant Omicron by age group and week. The figure includes data from 29th of November to 1st of January 2022, thus week 52 is not yet complete.

Figur 1. Antal tilfælde med omikron, andre SARS-CoV-2 varianter og ukendt variant, pr. aldersgruppe og uge. Figuren er opgjort i perioden fra 29. november 2021 til 1. januar 2022, hvorfor uge 52 endnu ikke er komplet.

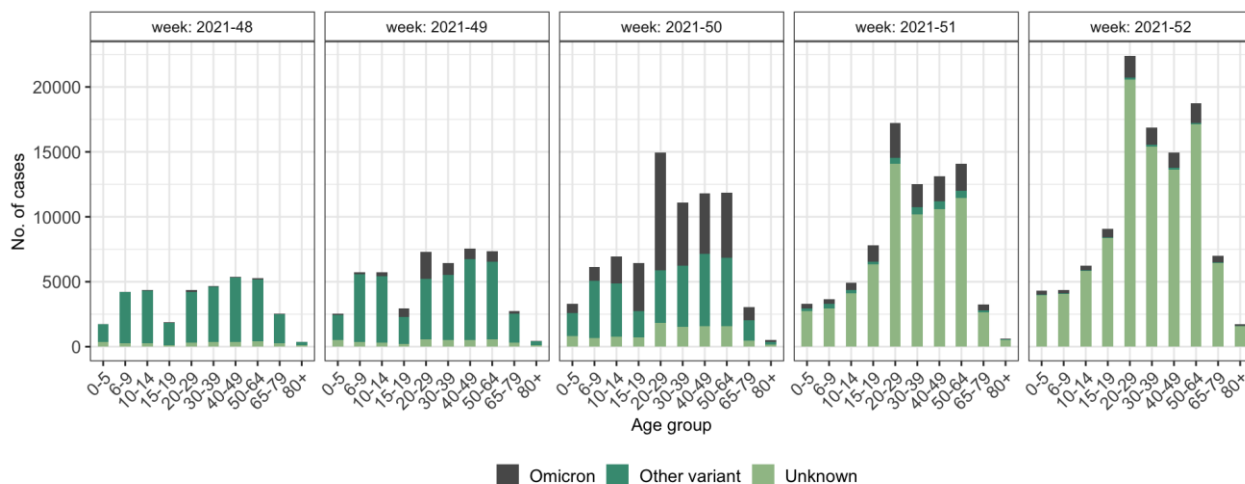


Figure 2. Proportion of Omicron, other SARS-CoV-2 variants and unknown variant by age group and week. The figure includes data from 29th of November to 1st of January 2022 thus week 52 is not yet complete.

Figur 2. Andel af tilfælde med omikron, andre SARS-CoV-2 varianter og ukendt variant, pr. aldersgruppe og uge. Figuren er opgjort i perioden fra 29. november 2021 til 1. januar 2022 hvorfor uge 52 endnu ikke er komplet.

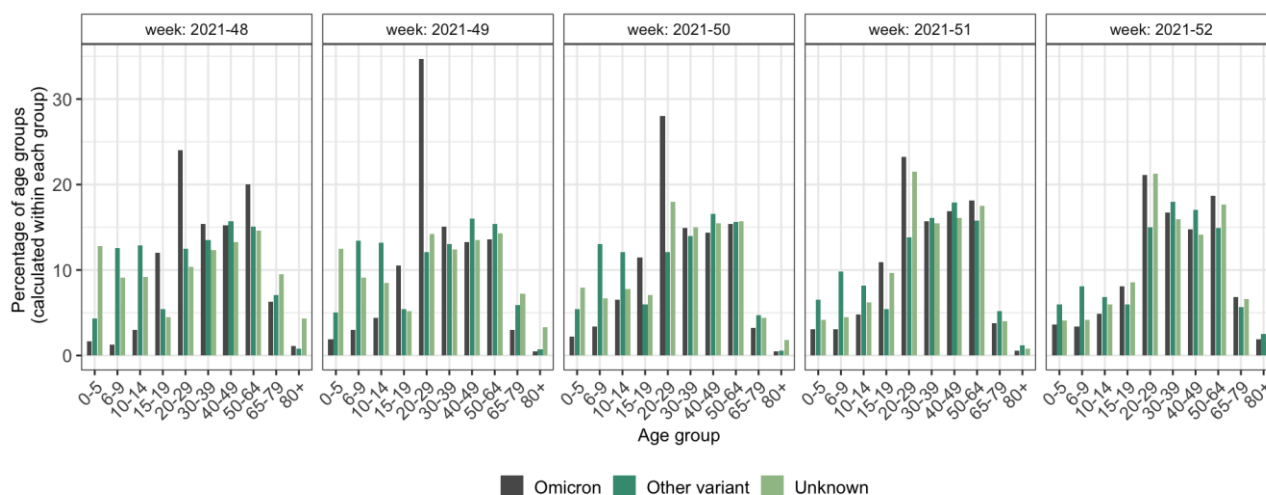




Table 4. Vaccination status for individuals ≥ 12 years infected with Omicron compared to other variants, from 21st of November to 6th of January 2022. The table includes only samples taken at TCDK where the variant PCR answer is known.

Tabel 4. Vaccinationsstatus for personer ≥ 12 år med omikron-infektion sammenlignet med andre varianter i perioden fra 21. november 2021 til 6. januar 2022. Tabellen indeholder kun data på prøver taget hos TCDK med kendt variant-PCR svar.

Vaccination status (12+ years old)	Other variants (No. of cases)	Other variants (%)	Omicron (No. of cases)	Omicron (%)
Not vaccinated	21,891	23.9	5401	9.4
Received first dose	3,323	3.6	1392	2.4
Completed primary vaccination schedule	64,185	70.0	45725	79.8
Revaccinated	2,306	2.5	4792	8.4
Total	91,705	100	57310	100

Individuals aged 5-11 years have only 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 for nyligt blevet inviteret til covid-19-vaccination, hvorfor vaccinationstilslutningen i denne aldersgruppe foreløbigt er begrænset. Denne aldersgruppe er derfor ikke inkluderet i Tabel 4.