



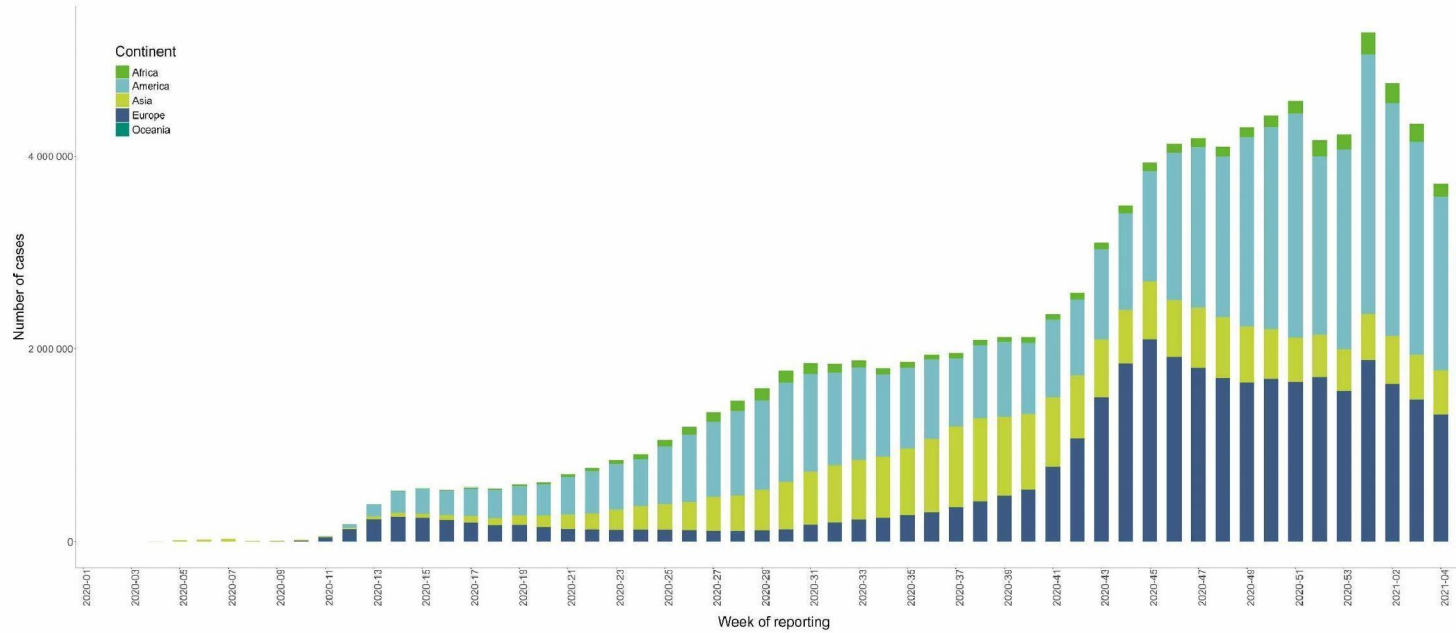
European Centre for Disease Prevention and Control

SARS-CoV-2 (COVID-19)

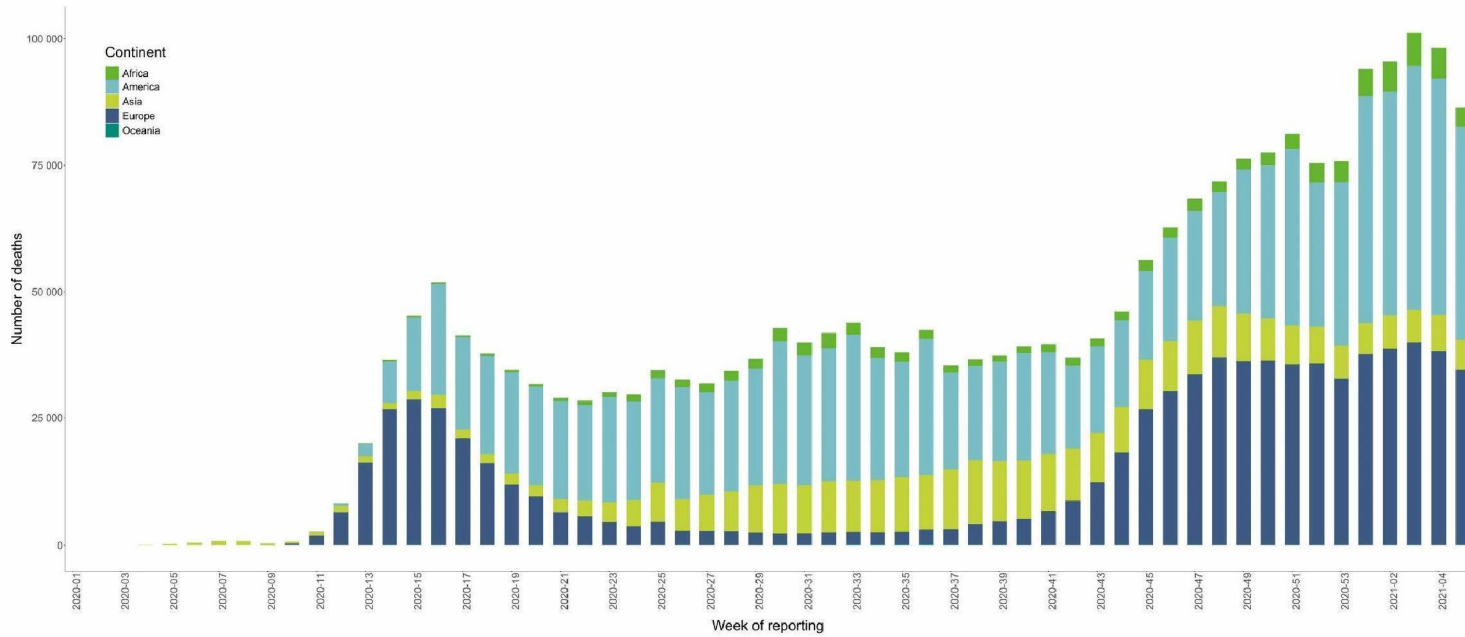
Stockholm, 12 February 2021

Disclaimer: These tables, histograms, maps and graphs are based on the available information at the time of publication, originating from several sources. Data completeness depends on the availability of information from the affected areas. All data should be interpreted with caution as the outbreak is evolving rapidly. In addition, due to the unavailability of date-of-onset data and different testing policies per country, these figures might not be reflective of the evolution of the epidemic.

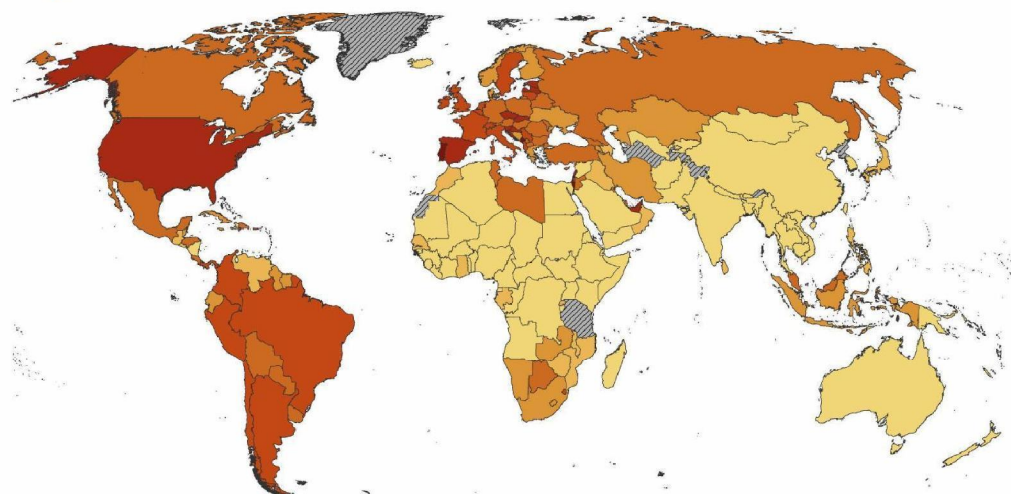
Distribution of COVID-19 cases in accordance with the applied case definitions in the affected countries, as of week 5, 2021



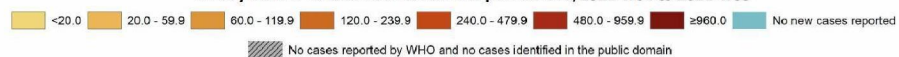
Distribution of COVID-19 deaths worldwide, as of week 5, 2021



Geographic distribution of 14-day cumulative number of reported COVID-19 cases per 100 000 population, worldwide, weeks 04-2021



14-day COVID-19 case notification rate per 100 000, 2021-w04 to 2021-w05



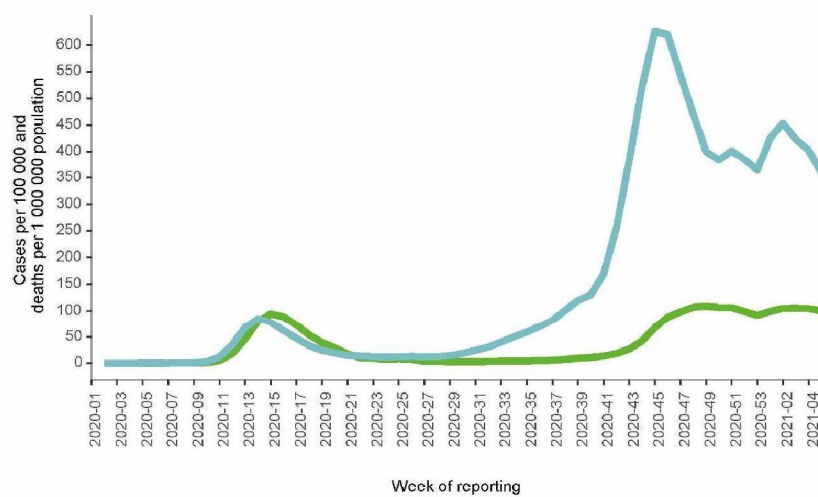
Administrative boundaries: © EuroGeographics © UN-FAO © Turkstat. The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union. Date of production: 11/02/2021

Distribution of COVID-19 cases, in accordance with the applied case definitions in the affected countries, by continent, as of week 5, 2021



Continent	Cases	Deaths	Crude case fatality
Africa	3 673 181	95 128	2.6%
America	47 620 931	1 107 060	2.3%
Asia	20 438 608	343 886	1.7%
Europe	34 681 426	775 813	2.2%
Oceania	57 809	1 210	2.1%
Total	106 471 955	2 323 097	2.2%

14-day case and death notification rate, EU/EEA



EU/EEA totals as of week 5, 2021:

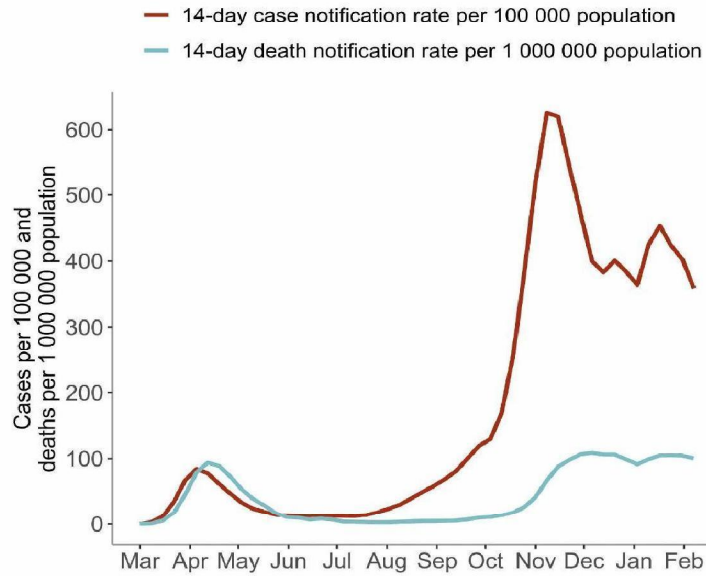
24 500 760 cases

609 993 deaths

COVID-19 case and death notification rates, testing rates and test positivity, EU/EEA

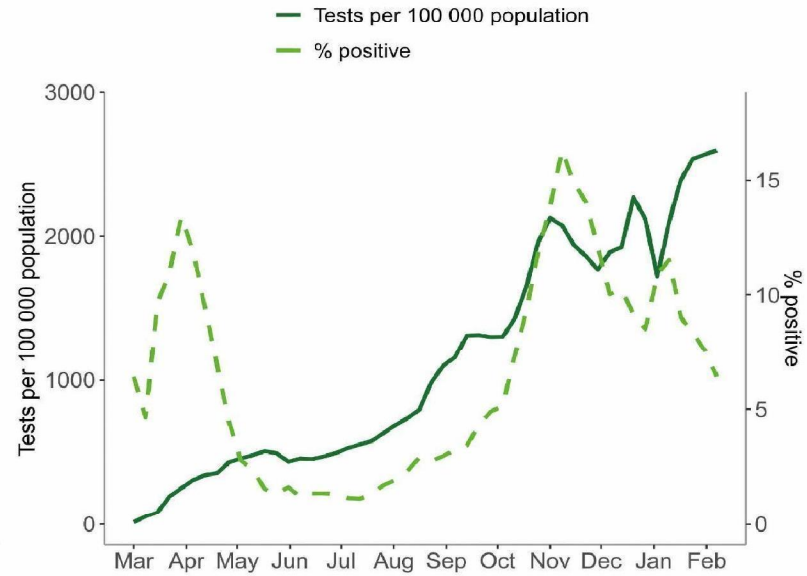


EU/EEA: 14-day COVID-19 case and death notification rates, 1 March 2020 to 7 February 2021



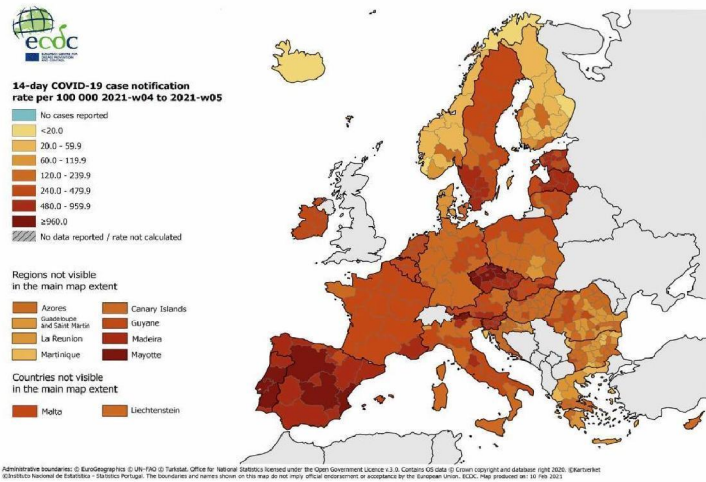
Source: ECDC Epidemic Intelligence

EU/EEA: testing rate and test positivity (%), 1 March 2020 to 7 February 2021

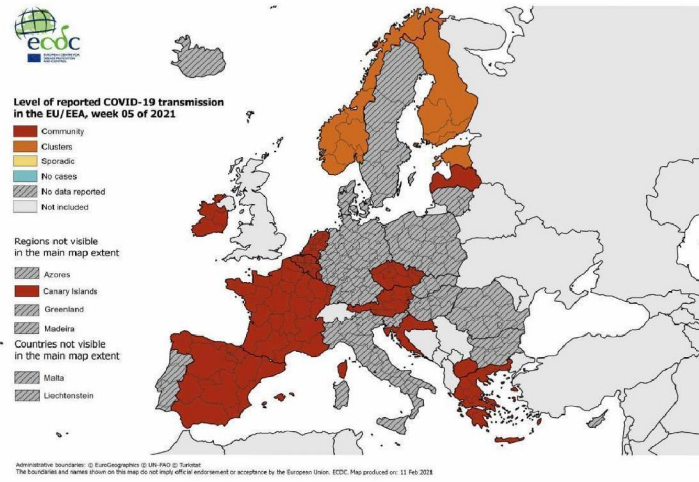


Source: TESSy and public websites. Data shown for countries submitting data up to 7 February 2021

Subnational 14-day notification rates, EU/EEA



Subnational self-reported transmission status, EU/EEA



The 14-day notification rates for COVID-19 are not directly comparable between countries due to differences in testing policies, testing capacity and surveillance systems at national level. ECDC therefore does not recommend using notification rates for comparison between countries.

Current sequencing capacities and needs of the Member States in terms of technical support across EU/EEA



Detection and characterisation capability and capacity for SARS-CoV-2 variants

Fields marked with * are mandatory.



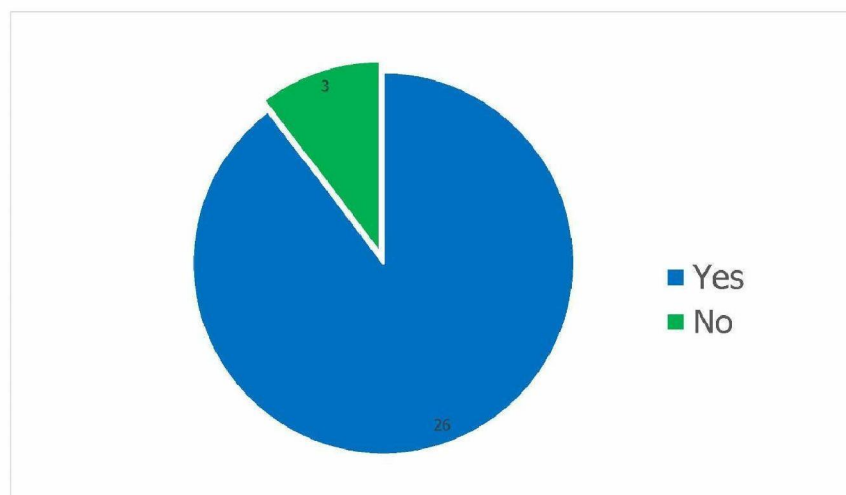
A questionnaire consisting of 20 questions was sent out on 13 January 2021 to all EU/EEA Member States.

29 of 30 countries participated in the survey by 22 January 2021.

Due to technical reasons, 17 countries did not have access to the entire set of questions and were asked to complete the survey after the deadline.

16 of 17 countries completed the omitted questions by 4 February 2021.

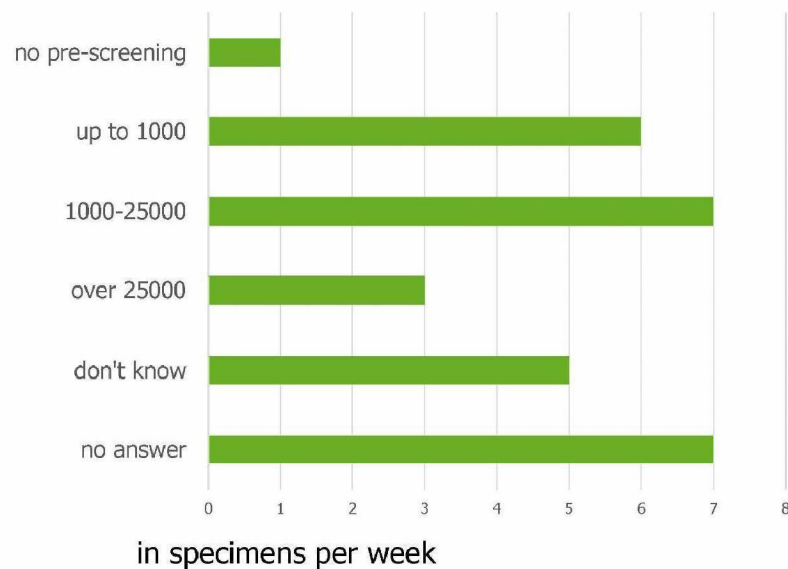
Is your country actively investigating the emergence of new SARS-CoV-2 virus variants?





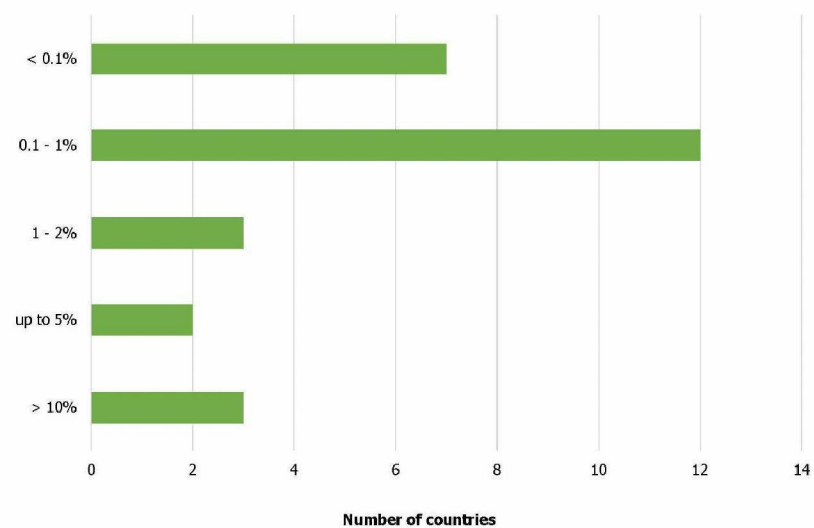
Pre-screening capacity of SARS-CoV-2 variant viruses

Definition: Pre-screening for known variant SARS-CoV-2 viruses is done by RT-PCR using a primer set that can indicate presence of the variant.



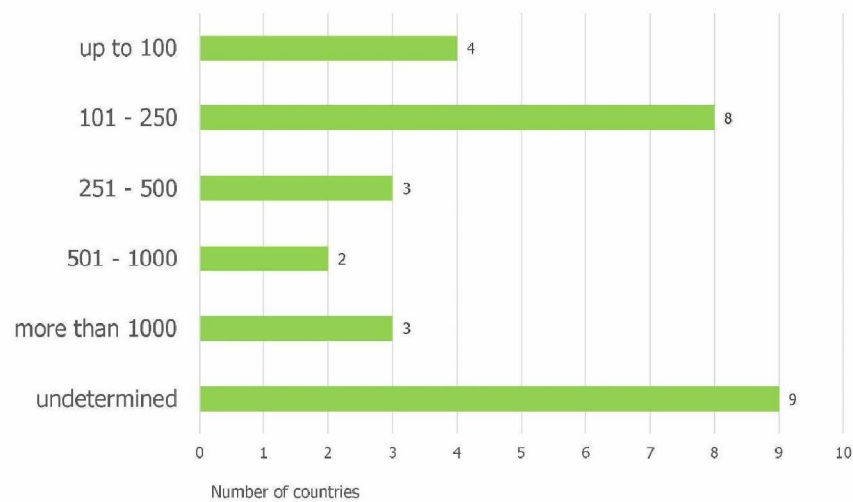


Current proportion of SARS-CoV-2 positive specimens characterised by sequencing



Sequencing capacity

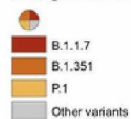
in number of processed specimens per week



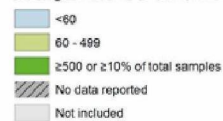
Reported detection of variants within the EU/EEA, 2020-51 to 2021-02



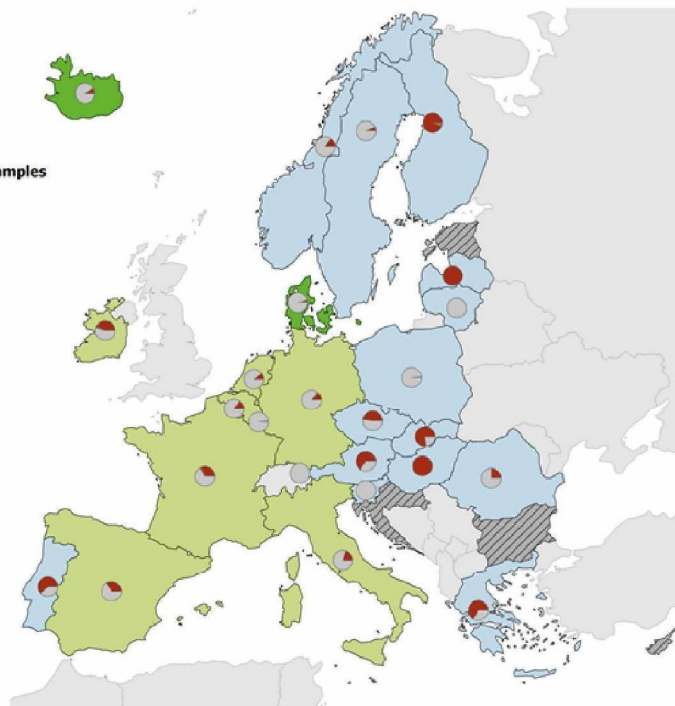
Distribution of variants among sequenced samples during week 2020-51 to 2021-02



Weekly average of samples collected with a published sequence during week 2020-51 to 2021-02



Countries not visible in the main map extent



Source: GISAID EpiCoV data™. Administrative boundaries: © EuroGeographics
The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union, ECDC. Map produced on: 4 Feb 2021

Update on SARS-CoV-2 sequencing support



- ECDC has set up an emergency contract for sequencing support for the EU/EEA Member States
- Services will include whole genome sequencing with RNA as starting material (incl. shipping) and basic bioinformatics processing
- The contract will cover almost 17000 sequences in the next months.
- After individual follow-up with the countries that indicated limited sequencing capacity/requested support – 9 countries are selected for the first round of support.
- Shipments of 850 samples started last week.
- A negotiated procedure is being prepared to address the medium term needs.
- ECDC is in discussion with the European Commission on how to strengthen capacity further

ECDC position on border closures (updated 22 January 2021)



"In order to slow down the importation and spread of the new SARS-CoV-2 variants of concern, ECDC recommends that non-essential travel should be avoided. In addition to recommendations against non-essential travel, and restrictions on travel for those infected, travel measures such as the testing and quarantining of travellers should be maintained, in particular for travellers from areas with a higher incidence of the new variants."

¹ ECDC Technical report: Considerations for travel-related measures to reduce spread of COVID-19 in the EU/EEA, 26 May 2020

<https://www.ecdc.europa.eu/en/publications-data/considerations-travel-related-measures-reduce-spread-covid-19-eueea>

² Risk related to the spread of new SARS-CoV-2 variants of concern in the EU/EEA – first update

<https://www.ecdc.europa.eu/en/publications-data/covid-19-risk-assessment-spread-new-variants-concern-eueea-first-update>

Thank you



Country overview report

<http://covid19-country-overviews.ecdc.europa.eu/>

COVID-19 dashboard

<https://qap.ecdc.europa.eu/public/extensions/covid-19/covid-19.html>

Vaccine tracker

<https://qap.ecdc.europa.eu/public/extensions/COVID-19/COVID-19.html#vaccine-tracker-tab>