



# List of guidance from ECDC and recent publications on COVID-19

COVID-19 Digest  
06 October 2022

## ECDC Outputs

### Recent publications

**The EU experience in the first phase of COVID-19: implications for measuring preparedness** 26 Sep [Read more »](#)

**Pilot protocol for a COVID-19 vaccine effectiveness study using health data registries** 19 Sep [Read more »](#)

**Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA** Technical report – 08 Sep [Read more »](#)

**ECDC-EMA statement on booster vaccination with Omicron adapted bivalent COVID-19 vaccines** 06 Sep [Read more »](#)

**Long-term qualitative scenarios and considerations of their implications for preparedness and response to the COVID-19 pandemic in the EU/EEA** Technical guidance – 29 Aug [Read more »](#)

**Generic protocol for COVID-19 vaccine effectiveness studies at long-term care facilities in the EU/EEA** Technical guidance – 24 Aug [Read more »](#)

### Situation updates on COVID-19

**Joint ECDC-WHO Regional Office for Europe Weekly COVID-19 Surveillance Bulletin** [Read more »](#)

**COVID-19 country overview:** Provides an overview of the evolving epidemiological situation for the EU/EEA (including case/death notification rates, testing rates, test positivity, hospital and ICU occupancy/capacity per country, vaccination uptake at EU/EEA and country level). [Read more »](#)

**COVID-19 situation update for the EU/EEA:** Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates for the EU/EEA. [Read more »](#)

**COVID-19 situation update worldwide – DISCONTINUED as of 20 June 2022:** You can still access the archived worldwide data on the number of cases and deaths and geographical distribution of 14-day notification rates. [Read more »](#)

For updates, please refer to the [World Health Organization \(WHO\) data on COVID-19](#) and the [WHO Weekly Epidemiological and Weekly Operational Updates page for the non-EU/EEA](#) countries.

**Situation dashboard:** Interactive map with the latest available data on COVID-19 (worldwide). [Read more »](#)

**Vaccine tracker:** Real time data on national vaccine doses distribution and vaccine update within EU/EEA countries. [Read more »](#)

**Maps in support of the Council Recommendation** on a coordinated approach to the restriction of free movement in response to the COVID-19 pandemic in the EU/EEA. **TEMPORARILY DISCONTINUED.** Their utility and continuation will be discussed again in September 2022. You can access the archive of data and maps [Read more »](#)

**Response Measures Database** of ECDC and the Joint Research Centre (JRC) of the European Commission is a

regularly updated archive of non-pharmaceutical interventions introduced by 30 countries in the EU/EEA. [Read more »](#)

## Updates on SARS-CoV-2 variants

**SARS-CoV-2 variants of concern:** Overview of the different variants that are currently being considered of concern and of interest as assessed by ECDC. [Read more »](#)

**Variants of concern.** The ECDC country overview includes an own section on variants of concern. It includes e.g. a map of sequencing volume, variant data table and weekly variant distribution by country. [Read more »](#)

**Dashboard on SARS-CoV-2 variants.** This dashboard provides an overview of the proportion of variants of concern and variants of interest in EU/EEA Member States together with sequencing volumes and complements the ECDC country overview report. [Read more »](#)

## Download data on COVID-19

Much of ECDC's data can be downloaded from its website. This for instance includes, but is not limited to, reported number of cases and deaths, 14-day case notification rates, ICU and hospital admissions/occupancy, testing rates/positivity, vaccination data and response measures implemented in EU/EEA countries. [Link to downloadable data»](#)

## Other ECDC Outputs

**ECDC website on COVID-19** – [Read more »](#)

**ECDC surveillance definitions for COVID-19.** [Read more »](#)

**Find the latest evidence on:**

- [Coronaviruses](#)
- [Risk factors and risk groups](#)
- [COVID-19 infection](#)
- [SARS-CoV-2 in children](#)
- [Clinical characteristics of COVID-19](#)
- [Diagnostic testing and screening for SARS-CoV-2](#)
- [Immune responses and immunity to SARS-CoV-2](#)
- [Treatment and pharmaceutical prophylaxis](#)
- [COVID-19 vaccines](#)

**Prevention and control of COVID-19** – how to protect yourself, risk groups, COVID-19 vaccination, patient and case management. [Read more »](#)

**Q & A on COVID-19 aimed at public and lay audience** – Questions and answers. [Read more »](#)

## Infographics, Videos, Webinars and more

**Infographics and leaflets about COVID-19** – Infographics, leaflets and posters on COVID-19. [Read more »](#)

**Videos on COVID-19** – What do we know about the COVID-19. [Read more »](#)

**ECDC Virtual Academy (EVA)** – COVID-19 Micro learning for public health professionals. [Read more »](#)

## Recent peer-reviewed publications

**Disclaimer:** In view of the large number of COVID-19 related publications, this list is compiled based on a rapid review of titles and abstracts and subjective selection of peer-reviewed articles and does not include an additional qualitative assessment or critical appraisal of the evidence by ECDC.

1. Global mapping of epidemic risk assessment toolkits: A scoping review for COVID-19 and future epidemics preparedness implications *PloS one* [Read more »](#)
2. Tracking changes in SARS-CoV-2 transmission with a novel outpatient sentinel surveillance system in Chicago, USA *Nat Commun* [Read more »](#)
3. Early Detection of SARS-CoV-2 Omicron BA.4 and BA.5 in German Wastewater *Viruses* [Read more »](#)
4. Protection against omicron (B.1.1.529) BA.2 reinfection conferred by primary omicron BA.1 or pre-omicron SARS-CoV-2 infection among health-care workers with and without mRNA vaccination: a test-negative case-control study *Lancet Infect Dis* [Read more »](#)
5. Introduction, Spread and Impact of the SARS-CoV-2 Omicron Variants BA.1 and BA.2 in Cyprus *Microorganisms* [Read more »](#)
6. Reinfections with Different SARS-CoV-2 Omicron Subvariants, France *Emerg Infect Dis* [Read more »](#)
7. Explosive COVID-19 outbreak in a German nursing home and the possible role of the air ventilation system *J Hosp Infect* [Read more »](#)
8. Incidence of Severe COVID-19 Illness Following Vaccination and Booster With BNT162b2, mRNA-1273, and Ad26.COVS Vaccines *JAMA* [Read more »](#)
9. Tracking SARS-COV-2 variants using Nanopore sequencing in Ukraine in 2021 *Sci Rep* [Read more »](#)
10. Association of SARS-CoV-2 Seropositivity With Myalgic Encephalomyelitis and/or Chronic Fatigue Syndrome Among Children and Adolescents in Germany *JAMA Netw Open* [Read more »](#)
11. Seroprevalence of Anti-SARS-CoV-2 IgG Antibodies in Tyrol, Austria: Updated Analysis Involving 22,607 Blood Donors Covering the Period October 2021 to April 2022 *Viruses* [Read more »](#)
12. Can high COVID-19 vaccination rates in adults help protect unvaccinated children? Evidence from a unique mass vaccination campaign, Schwaz/Austria, March 2021 *Euro Surveill* [Read more »](#)
13. Comparing immunogenicity and efficacy of two different mRNA-based COVID-19 vaccines as a fourth dose; six-month follow-up, Israel, 27 December 2021 to 24 July 2022 *Euro Surveill* [Read more »](#)
14. Effect of booster vaccination against Delta and Omicron SARS-CoV-2 variants in Iceland *Nat Commun* [Read more »](#)
15. Clinical severity of SARS-CoV-2 Omicron BA.4 and BA.5 lineages compared to BA.1 and Delta in South Africa *Nat Commun* [Read more »](#)
16. Risk factors for SARS-CoV-2 infection after primary vaccination with ChAdOx1 nCoV-19 or BNT162b2 and after booster vaccination with BNT162b2 or mRNA-1273: A population-based cohort study (COVIDENCE UK) *Lancet Reg Health Eur* [Read more »](#)
17. Household transmission of the SARS-CoV-2 Omicron variant in Denmark *Nat Commun* [Read more »](#)
18. Household transmission of SARS-CoV-2 Omicron variant of concern subvariants BA.1 and BA.2 in Denmark *Nat Commun* [Read more »](#)
19. Increased household transmission and immune escape of the SARS-CoV-2 Omicron compared to Delta variants *Nat Commun* [Read more »](#)
20. Association of Primary and Booster Vaccination and Prior Infection With SARS-CoV-2 Infection and Severe COVID-19 Outcomes *JAMA* [Read more »](#)
21. BNT162b2 COVID-19 vaccination uptake, safety, effectiveness and waning in children and young people aged 12-17 years in Scotland *Lancet Reg Health Eur* [Read more »](#)

## Additional Resources

### Information from European Institutions, International Organisations and Centres for Disease Control and Prevention

**European Union.** Re-open EU: interactive tool with country information for travel and transportation [Read more »](#)

**European Commission.** Coronavirus response. [Read more »](#)

**European Parliament.** The EU's response to the coronavirus. [Read more »](#)

**EU Healthy Gateways:** [Published guidance and reports for COVID-19](#)

**European Agency for Safety and Health (OSHA).** COVID-19: Resources for the workplace: EU guidance, telework, resources from EU and international organisations. [Read more »](#)

**European Food Safety Authority (EFSA).** COVID-19. [Read more »](#)

**European Medicines Agency (EMA):** Treatments and vaccines for COVID-19. [Latest updates on COVID-19.](#)

**European Monitoring Centre for Drugs and Drug Addiction (EMCDDA).** COVID-19 and drugs. [Read more »](#)

**Health Systems Response Monitor:** [COVID-19 Health System Response Monitor](#) designed in response to the COVID-19 outbreak to collect and organize up-to-date information on how countries are responding to the crisis

**World Health Organization (WHO).** Coronavirus disease (COVID-19) pandemic. [Read more »](#)

**Food and Agriculture Organization of the UN (FAO):** Novel Coronavirus. [Read more »](#)

**African Centres of Disease Control and Prevention.** [Read more »](#)

**Public Health Agency of Canada.** [Read more »](#)

**Chinese Center for Disease Control and Prevention.** [Read more »](#)

**Israel Center for Disease Control, Ministry of Health.** [Read more »](#)

**Korea Disease Control and Prevention Agency.** [Read more »](#)

**Ministry of Health of Mexico.** [Read more »](#)

**UK Health Security Agency.** [Read more »](#)

**US Centers for Disease Control and Prevention.** [Read more »](#)

### COVID-19 information pages of EU/EEA Member States



[Austria »](#)

[Belgium »](#)

[Bulgaria »](#)

[Croatia »](#)

[Cyprus »](#)

[Czechia »](#)

[Denmark »](#)

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[France »](#)



[Lithuania »](#)

[Luxembourg »](#)



[Spain »](#)

[Sweden »](#)

## Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](#) from the Institute of Social and Preventive Medicine ([ISPM](#)). This database is updated daily with published articles from Pubmed and EMBASE and with preprints from medRxiv and bioRxiv.

**COVID-END McMaster Health Forum:** [living evidence syntheses](#) on a variety of topics including efficacy and effectiveness of COVID-19 vaccines in the presence of variants of concern (VOCs).

**EPPI Centre:** [COVID-19](#): a living systematic map of the evidence. Up-to-date map of the current evidence that are partitioned into broad domains for easy exploration.

**MAGIC project (MAGIC Evidence Ecosystem Foundation, theBMJ, WHO):** [Drug treatments for COVID-19](#) living systematic review and network meta-analysis and a [living WHO guideline on drugs for COVID-19](#)

**NMA initiative:** [COVID-19 – living initiative](#). Living mapping and living systematic review of Covid-19 trials.

**PregCOV-19LSR** by the University of Birmingham. Series of living systematic reviews (LSR) involving pregnant and postnatal women at risk, suspected, and diagnosed to have COVID-19 according to recommended methods. [Read more »](#)

**WHO:** [Living WHO guideline on drugs for COVID-19](#) (published by theBMJ)

## Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](#). Rapid reviews of primary care questions relating to COVID-19.

**Cochrane:** [Cochrane Reviews](#) and related content from the Cochrane Library relating to the COVID-19 pandemic.

**COVID Reference International:** Every day the "Top 10 scientific COVID-19 papers of the day" are presented. Also provides multiple other useful links to literature. [Read more »](#)

**Evidence Aid:** [Evidence Collection](#) on Coronavirus (COVID-19). This evidence collection contains plain-language summaries of high-quality research which are available in English, and translated into French, Spanish, Portuguese, Arabic and Chinese (simplified and traditional).

**Health Information and Quality Authority Ireland:** [COVID-19 Publications](#): Clinical evidence summaries and rapid reviews on various topics.

**LitCovid:** [curated literature hub](#) for tracking up-to-date scientific information about COVID-19. It is the most comprehensive resource on the subject, providing a central access a large number of relevant articles in PubMed.

**US Centers for Disease Control and Prevention:** [COVID-19 Science Updates](#) providing brief summaries of new COVID-19-related studies on many topics, including epidemiology, clinical treatment and management, laboratory science, and modeling. The summaries are released every Tuesday and Friday.

**VA-ESP COVID-19 Reviews:** [U.S. Veterans' Affairs \(VA\) Evidence Synthesis Program](#) - Inventory of living systematic reviews and 'rapid reviews', with a flag for living reviews and for reviews meeting minimum quality standards

**Wolters Kluwer:** [Clinical effectiveness COVID-19 Resources Available to All](#). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.

**World Health Organization:** [COVID-19 Global literature on coronavirus disease](#). Literature database.