



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

COVID-19 Digest  
16 June 2022

## ECDC Outputs

### Recent publications

**Epidemiological update: Implications of the emergence and spread of the SARS-CoV-2 variants of concern BA.4 and BA.5 for the EU/EEA** 13 June [Read more »](#)

**Technical guidance for antigenic SARS-CoV-2 monitoring** Technical guidance – 07 June [Read more »](#)

**Epidemiological update: SARS-CoV-2 Omicron sub-lineages BA.4 and BA.5** 13 May [Read more »](#)

**COVID-19 Aviation Health Safety Protocol: Operational guidelines for the management of air passengers and aviation personnel in relation to the COVID-19 pandemic** Technical guidance – 11 May [Read more »](#)

**Public health considerations and evidence to support decisions on the implementation of a second mRNA COVID-19 vaccine booster dose** Technical report – 28 Apr [Read more »](#)

### Situation updates on COVID-19

**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:** Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates worldwide. [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 »](#)

**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. These maps are published every Thursday based on a number of different indicators. [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. Excess mortality associated with the COVID-19 pandemic in Latvia: a population-level analysis of all-cause and noncommunicable disease deaths in 2020 *BMC Public Health* [Read more »](#)
2. Updated US Infection- and Vaccine-Induced SARS-CoV-2 Seroprevalence Estimates Based on Blood Donations, July 2020-December 2021 *JAMA* [Read more »](#)
3. COVID-19 trajectories among 57 million adults in England: a cohort study using electronic health records *Lancet Digit Health* [Read more »](#)
4. SARS-CoV-2 Omicron variants BA.1 and BA.2 both show similarly reduced disease severity of COVID-19 compared to Delta, Germany, 2021 to 2022 *Euro Surveill* [Read more »](#)
5. Clinical outcomes associated with SARS-CoV-2 Omicron (B.1.1.529) variant and BA.1/BA.1.1 or BA.2 subvariant infection in southern California *Nat Med* [Read more »](#)

6. Vaccine effectiveness and duration of protection against symptomatic infections and severe Covid-19 outcomes in adults aged 50 years and over, France, January to mid-December 2021 *Glob Epidemiol* [Read more »](#)
7. Effectiveness of mRNA vaccine boosters against infection with the SARS-CoV-2 omicron (B.1.1.529) variant in Spain: a nationwide cohort study *Lancet Infect Dis* [Read more »](#)
8. Cancer incidence and mortality in Australia from 2020 to 2044 and an exploratory analysis of the potential effect of treatment delays during the COVID-19 pandemic: a statistical modelling study *Lancet Public Health* [Read more »](#)
9. Impact of stringent non-pharmaceutical interventions applied during the second and third COVID-19 epidemic waves in Portugal, 9 November 2020 to 10 February 2021: an ecological study *Euro Surveill* [Read more »](#)
10. Waning effectiveness of the third dose of the BNT162b2 mRNA COVID-19 vaccine *Nat Commun* [Read more »](#)
11. Downsizing of COVID-19 contact tracing in highly immune populations *PloS one* [Read more »](#)
12. VACCELERATE Volunteer Registry: A European study participant database to facilitate clinical trial enrolment *Vaccine* [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

|   |                            |   |                                 |   |                               |
|---|----------------------------|---|---------------------------------|---|-------------------------------|
|  | <a href="#">Austria »</a>  |  | <a href="#">Germany »</a>       |  | <a href="#">Malta »</a>       |
|  | <a href="#">Belgium »</a>  |  | <a href="#">Greece »</a>        |  | <a href="#">Netherlands »</a> |
|  | <a href="#">Bulgaria »</a> |  | <a href="#">Hungary »</a>       |  | <a href="#">Norway »</a>      |
|  | <a href="#">Croatia »</a>  |  | <a href="#">Iceland »</a>       |  | <a href="#">Poland »</a>      |
|  | <a href="#">Cyprus »</a>   |  | <a href="#">Ireland »</a>       |  | <a href="#">Portugal »</a>    |
|  | <a href="#">Czechia »</a>  |  | <a href="#">Italy »</a>         |  | <a href="#">Romania »</a>     |
|  | <a href="#">Denmark »</a>  |  | <a href="#">Latvia »</a>        |  | <a href="#">Slovakia »</a>    |
|  | <a href="#">Estonia »</a>  |  | <a href="#">Liechtenstein »</a> |  | <a href="#">Slovenia »</a>    |
|  | <a href="#">Finland »</a>  |  | <a href="#">Lithuania »</a>     |  | <a href="#">Spain »</a>       |
|  | <a href="#">France »</a>   |  | <a href="#">Luxembourg »</a>    |  | <a href="#">Sweden »</a>      |

## 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.