



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

COVID-19 Digest  
09 March 2023

## ECDC Outputs

### Recent publications

**Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA** Technical report – 03 Mar [Read more »](#)

**SARS-CoV-2 in animals: susceptibility of animal species, risk for animal and public health, monitoring, prevention and control** Scientific opinion – 28 Feb [Read more »](#)

**Considerations for infection prevention and control practices in relation to respiratory viral infections in healthcare settings** Guidance – 06 Feb [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 »](#)

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

### Updates on SARS-CoV-2 variants

**ECDC de-escalates BA.2, BA.4 and BA.5 from its list of variants of concern** 03 Mar [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 »](#)

**Data on SARS-CoV-2 variants in the EU/EEA.** The downloadable data file contains information about the volume of COVID-19 sequencing, the number and percentage distribution of variants of concern (VOC) by week and country. [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 »](#)

**COVID-19 surveillance and study protocols** [Read more »](#)

**Note that the following pages are no longer updated. A COVID-19 fact sheet will be published in the first quarter of 2023:**

- [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. SARS-CoV-2 molecular epidemiology in Slovenia, January to September 2021 *Euro Surveill* [Read more »](#)
2. Effectiveness of BNT162b2 vaccination in preventing COVID-19-associated death in Poland *Pol Arch Intern Med* [Read more »](#)
3. Enhancing public health communication of vaccine trials: The pan-European VACCELERATE Toolkit *JMIR Public Health Surveill* [Read more »](#)
4. The association between tobacco smoking, second-hand smoke and novel products, and COVID-19 severity and mortality in Italy. Results from the COSMO-IT study *J Epidemiol* [Read more »](#)
5. Vaccine effectiveness and duration of protection of COVID-19 mRNA vaccines against Delta and Omicron BA.1 symptomatic and severe COVID-19 outcomes in adults aged 50 years and over in France *Vaccine* [Read more »](#)
6. Monitoring COVID-19 and Influenza: The Added Value of a Severe Acute Respiratory Infection Surveillance System in Portugal *Can J Infect Dis Med Microbiol* [Read more »](#)
7. Two-year follow-up of patients with post-COVID-19 condition in Sweden: a prospective cohort study *Lancet Reg Health Eur* [Read more »](#)
8. Long COVID-six months of prospective follow-up of changes in symptom profiles of non-hospitalised children and young people after SARS-CoV-2 testing: A national matched cohort study (The CLoCk) study *PloS one* [Read more »](#)
9. SARS-CoV-2 Prevalence on and Incidence after Arrival in Travelers on Direct Flights from Cape Town, South Africa to Munich, Germany Shortly after Occurrence of the Omicron Variant in November/December 2021: Results from the OMTRAIR Study *Pathogens* [Read more »](#)
10. Sociodemographic differences in Covid-19 vaccine uptake in Denmark: a nationwide

- register-based cohort study *BMC Public Health* [Read more »](#)
11. Seasonal trends in COVID-19 cases, hospitalizations, and mortality in the United States and Europe *Sci Rep* [Read more »](#)
  12. Estimated Effectiveness of Postpartum Maternal Messenger RNA COVID-19 Vaccination Against Delta and Omicron SARS-CoV-2 Infection and Hospitalization in Infants Younger Than 6 Months *JAMA Pediatr* [Read more »](#)
  13. Protection against severe COVID-19 after second booster dose of adapted bivalent (original/Omicron BA.4-5) mRNA vaccine in persons  $\geq 60$  years, by time since infection, Italy, 12 September to 11 December 2022 *Euro Surveill* [Read more »](#)
  14. Myocarditis or Pericarditis Events After BNT162b2 Vaccination in Individuals Aged 12 to 17 Years in Ontario, Canada *JAMA Pediatr* [Read more »](#)
  15. COVID-19 Vaccine Effectiveness Against Omicron Infection and Hospitalization *Pediatrics* [Read more »](#)
  16. Sequencing directly from antigen-detection rapid diagnostic tests in Belgium, 2022: a gamechanger in genomic surveillance? *Euro Surveill* [Read more »](#)
  17. Past SARS-CoV-2 infection protection against re-infection: a systematic review and meta-analysis *Lancet* [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. (*NOTE: last update Feb 2022, no longer updated*)

**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, the BMJ, WHO):** [Drug treatments for COVID-19](#) living systematic review and network meta-analysis

**WHO living guidelines** on [therapeutics](#), [drugs to prevent COVID-19](#) and [clinical management of COVID-19 patients](#)

**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 »](#) (*NOTE: last update April 2021*)

## 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 »](#) (*NOTE: last update Jan 2022, no longer updated*)

**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. *(NOTE: last update Dec 2021, no longer updated)*

**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.