



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

COVID-19 Digest
09 February 2023

ECDC Outputs

Recent publications

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

Protocol for a COVID-19 vaccine effectiveness study using health data registries Protocol – 30 Jan [Read more »](#)

Core protocol for ECDC studies of COVID-19 vaccine effectiveness against hospitalisation with Severe Acute Respiratory Infection, laboratory-confirmed with SARS-CoV-2 or with seasonal influenza - Version 2.0 Protocol – 30 Jan [Read more »](#)

Threat Assessment Brief: Implications for the EU/EEA of the spread of the SARS-CoV-2 Omicron XBB.1.5 sub-lineage Risk assessment – 13 Jan [Read more »](#)

Pilot study outline for targeted genomic surveillance of SARS-CoV-2 in travellers in response to a worsening or unknown epidemiological situation in a third country 13 Jan [Read more »](#)

Guidelines in response to the worsening of the epidemiological situation - Addendum to the Aviation Health Safety Protocol 11 Jan [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 »](#)

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 »](#)

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 »](#)

ECDC surveillance definitions for COVID-19. [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. Household Transmission of SARS-CoV-2 and Long-term Immunity in Children: A Prospective Study in Northern Spain *Pediatr Infect Dis J* [Read more »](#)
2. Reduction of the risk of severe COVID-19 due to Omicron compared to Delta variant in Italy (November 2021 - February 2022) *Int J Infect Dis* [Read more »](#)
3. Assessment of COVID-19 as the Underlying Cause of Death Among Children and Young People Aged 0 to 19 Years in the US *JAMA Netw Open* [Read more »](#)
4. Outcome of COVID-19 in hospitalised immunocompromised patients: An analysis of the WHO ISARIC CCP-UK prospective cohort study *PLoS Med* [Read more »](#)
5. Comparison of influenza and COVID-19 hospitalisations in British Columbia, Canada: a population-based study *BMJ Open Respir Res* [Read more »](#)
6. Minimising school disruption under high incidence conditions due to the Omicron variant in France, Switzerland, Italy, in January 2022 *Euro Surveill* [Read more »](#)

7. Risk reduction of hospitalisation and severe disease in vaccinated COVID-19 cases during the SARS-CoV-2 variant Omicron BA.1-predominant period, Navarre, Spain, January to March 2022 *Euro Surveill* [Read more »](#)
8. Epidemiology of healthcare-associated SARS-CoV-2 outbreaks in Germany between March 2020 and May 2022 *J Hosp Infect* [Read more »](#)
9. Maternal mRNA covid-19 vaccination during pregnancy and delta or omicron infection or hospital admission in infants: test negative design study *BMJ* [Read more »](#)
10. Comparative Effectiveness of COVID-19 Vaccines in Preventing Infections and Disease Progression from SARS-CoV-2 Omicron BA.5 and BA.2, Portugal *Emerg Infect Dis* [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 »		Germany »		Malta »
	Belgium »		Greece »		Netherlands »
	Bulgaria »		Hungary »		Norway »
	Croatia »		Iceland »		Poland »
	Cyprus »		Ireland »		Portugal »
	Czechia »		Italy »		Romania »
	Denmark »		Latvia »		Slovakia »
	Estonia »		Liechtenstein »		Slovenia »
	Finland »		Lithuania »		Spain »
	France »		Luxembourg »		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. (*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, theBMJ, 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.