



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

COVID-19 Digest
17 November 2022

ECDC Outputs

Recent publications

Interim analysis of COVID-19 vaccine effectiveness against Severe Acute Respiratory Infection due to SARS-CoV-2 in individuals aged 20 years and older – third update Technical report – 08 Nov [Read more »](#)

Prevalence of post COVID-19 condition symptoms: a systematic review and meta-analysis of cohort study data, stratified by recruitment setting Technical report – 31 Oct [Read more »](#)

Laboratory support for SARS-CoV-2 virus neutralisation in the EU/EEA - a pilot study Technical report – 24 Oct [Read more »](#)

New Omicron sub-lineage likely to cause further increase in covid-19 cases Epidemiological update – 21 Oct [Read more »](#)

The EU experience in the first phase of COVID-19: implications for measuring preparedness 26 Sep [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.** [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. Omicron BA.2.75 variant is efficiently neutralised following BA.1 and BA.5 breakthrough infection in vaccinated individuals, Israel, June to September 2022 *Euro Surveill* [Read more »](#)
2. Human Mobility Restrictions and COVID-19 Infection Rates: Analysis of Mobility Data and Coronavirus Spread in Poland and Portugal *Int J Environ Res Public Health* [Read more »](#)
3. Type 1 diabetes incidence in children and adolescents during the COVID-19 pandemic in Germany *Diabetes Res Clin Pract* [Read more »](#)
4. Excess all-cause mortality in the USA and Europe during the COVID-19 pandemic, 2020 and 2021 *Sci Rep* [Read more »](#)
5. COVID-19 excess deaths in Eastern European countries associated with weaker regulation implementation and lower vaccination coverage *EMHJ* [Read more »](#)
6. COVID-19 mortality rate determinants in selected Eastern European countries *BMC Public Health* [Read more »](#)
7. Post-COVID-19-associated morbidity in children, adolescents, and adults: A matched cohort study including more than 157,000 individuals with COVID-19 in Germany *PLoS Med* [Read more »](#)
8. SARS-CoV-2 Outbreaks in Care Homes for the Elderly and Disabled in Germany *Dtsch Arztebl Int* [Read more »](#)
9. High vaccine effectiveness against severe COVID-19 in the elderly in Finland before and after the emergence of Omicron *BMC Infect Dis* [Read more »](#)
10. Short-term safety of COVID-19 mRNA vaccines with respect to all-cause mortality in the older population in Norway *Vaccine* [Read more »](#)
11. COVID-19 vaccine effectiveness against SARS-CoV-2 infection during the Delta period, a nationwide study adjusting for chance of exposure, the Netherlands, July to December 2021 *Euro Surveill* [Read more »](#)
12. Lower transmissibility of SARS-CoV-2 among asymptomatic cases: evidence from contact tracing data in Oslo, Norway *BMC Med* [Read more »](#)
13. COVID-19 deaths in children and young people in England, March 2020 to December 2021: An active prospective national surveillance study *PLoS Med* [Read more »](#)
14. COVID-19 public health and social measures: a comprehensive picture of six Asian countries *BMJ Glob Health* [Read more »](#)
15. Consequences of COVID-19-related lockdowns and reopenings on emergency hospitalizations in pediatric patients in Denmark during 2020-2021 *Eur J Pediatr* [Read more »](#)
16. Understanding the impact of lockdowns on short-term excess mortality in Australia *BMJ Glob Health* [Read more »](#)
17. High incidence of multisystem inflammatory syndrome and other autoimmune diseases after SARS-CoV-2 infection compared to COVID-19 vaccination in children and adolescents in south central Europe *Clin Exp Rheumatol* [Read more »](#)
18. A large series of molecular and serological specimens to evaluate mother-to-child SARS-CoV-2 transmission: a prospective study from the Italian Obstetric Surveillance System *Int J Infect Dis* [Read more »](#)
19. The Impact and Progression of the COVID-19 Pandemic in Bulgaria in Its First Two Years *Vaccines* [Read more »](#)
20. Case-control study of activities associated with SARS-CoV-2 infection in an adult unvaccinated population and overview of societal COVID-19 epidemic counter measures in Denmark *PLoS one* [Read more »](#)
21. The impact of Covid-19 on demographic components in Spain, 2020-31: A scenario approach *Popul Stud* [Read more »](#)
22. Risk factors for SARS-CoV-2 infection in Healthcare Workers following an identified nosocomial COVID-19 exposure during Waves 1-3 of the pandemic in Ireland *Epidemiol Infect* [Read more »](#)

23. Comparative effectiveness of sotrovimab and molnupiravir for prevention of severe covid-19 outcomes in patients in the community: observational cohort study with the OpenSAFELY platform *BMJ* [Read more »](#)
24. Variant-specific symptoms of COVID-19 in a study of 1,542,510 adults in England *Nat Commun* [Read more »](#)
25. Prevalence and Characteristics of Persistent Symptoms in Children During the COVID-19 Pandemic: Evidence From a Household Cohort Study in England and Wales *Pediatr Infect Dis J* [Read more »](#)
26. Effectiveness of the COVID-19 vaccines against hospitalisation with Omicron sub-lineages BA.4 and BA.5 in England *Lancet Reg Health Eur* [Read more »](#)
27. Global variations in the burden of SARS-CoV-2 infection and its outcomes in pregnant women by geographical region and country's income status: a meta-analysis *BMJ Glob Health* [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



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.