



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

COVID-19 Digest
01 December 2022

ECDC Outputs

Recent publications

Joint EC, WHO and ECDC statement: Influenza season epidemic kicks off early in Europe as concerns over RSV rise and COVID-19 is still a threat 01 Dec [Read more »](#)

Interim analysis of COVID-19 vaccine effectiveness in healthcare workers, an ECDC multi-country study, May 2021–July 2022 Technical report – 21 Nov [Read more »](#)

Generic protocol for ECDC studies of COVID-19 vaccine effectiveness against confirmed SARS-CoV-2 using healthcare worker cohorts, version 2.0 Technical report – 21 Nov [Read more »](#)

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 »](#)

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. **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. The architecture of the European Union's pandemic preparedness and response policy framework *Eur J Public Health* [Read more »](#)
2. Human rights and the COVID-19 pandemic: a retrospective and prospective analysis *Lancet* [Read more »](#)
3. COVID-19 and Excess All-Cause Mortality in the US and 20 Comparison Countries, June 2021-March 2022 *JAMA* [Read more »](#)
4. Delta and Omicron: protective measures and SARS-CoV-2 infections in day care centres in Germany in the 4th and 5th wave of the pandemic 2021/2022 *BMC Public Health* [Read more »](#)
5. The Prevalence, Characteristics and Risk Factors of Persistent Symptoms in Non-Hospitalized and Hospitalized Children with SARS-CoV-2 Infection Followed-Up for up to 12 Months: A Prospective, Cohort Study in Rome, Italy *J Clin Med* [Read more »](#)
6. Measuring the impact of COVID-19 vaccination and immunity waning: A modelling study for Portugal *Vaccine* [Read more »](#)
7. A comprehensive characterisation of patients diagnosed with post-COVID-19 condition in Sweden 16 months after the introduction of the ICD-10 diagnosis code (U09.9): a population-based cohort study *Int J Infect Dis* [Read more »](#)
8. Background rates of 41 adverse events of special interest for COVID-19 vaccines in 10 European healthcare databases - an ACCESS cohort study *Vaccine* [Read more »](#)
9. Epidemiology and clinical features of SARS-CoV-2 infection in hospitalized children across four waves in Hungary: A retrospective, comparative study from March 2020 to December 2021 *Health Sci Rep* [Read more »](#)
10. COVID-19 in people aged 18-64 in Sweden in the first year of the pandemic: Key factors for severe disease and death *Glob Epidemiol* [Read more »](#)
11. Trends in SARS-CoV-2 infection prevalence during England's roadmap out of lockdown, January to July 2021 *PLoS Comput Biol* [Read more »](#)
12. Rebound in asthma exacerbations following relaxation of COVID-19 restrictions: a longitudinal population-based study (COVIDENCE UK) *Thorax* [Read more »](#)
13. SARS-CoV-2 viral clearance and viral load kinetics in young children (1-6 years) compared to adults: Results of a longitudinal study in Germany *Front Pediatr* [Read more »](#)
14. Thrombosis and thrombocytopenia after vaccination against and infection with SARS-CoV-2 in Catalonia, Spain *Nat Commun* [Read more »](#)
15. Thrombosis and thrombocytopenia after vaccination against and infection with SARS-CoV-2 in the United Kingdom *Nat Commun* [Read more »](#)
16. Impact of cross-border-associated cases on the SARS-CoV-2 epidemic in Switzerland during summer 2020 and 2021 *Epidemics* [Read more »](#)
17. COVID-19 related decline in cancer screenings most pronounced for elderly patients and women in Germany: a claims data analysis *J Cancer Res Clin Oncol* [Read more »](#)
18. Global impact of COVID-19 on childhood tuberculosis: an analysis of notification data *Lancet Glob Health* [Read more »](#)
19. Protection against symptomatic infection with delta (B.1.617.2) and omicron (B.1.1.529) BA.1 and BA.2 SARS-CoV-2 variants after previous infection and vaccination in adolescents in England, August, 2021-March, 2022: a national, observational, test-negative, case-control study *Lancet Infect Dis* [Read more »](#)
20. Sensitivity of Detection and Variant Typing of SARS-CoV-2 in European Laboratories *J Clin Microbiol* [Read more »](#)
21. Post-acute sequelae of COVID-19 among hospitalized patients in Estonia: Nationwide matched cohort study *PLoS one* [Read more »](#)
22. Effectiveness of mRNA-1273, BNT162b2, and BBIBP-CorV vaccines against infection and mortality in children in Argentina, during predominance of delta and omicron covid-19 variants: test negative, case-control study *BMJ* [Read more »](#)
23. A population-based serological study of post-COVID syndrome prevalence and risk factors in children and adolescents *Nat Commun* [Read more »](#)
24. High antibody levels and reduced cellular response in children up to one year after SARS-CoV-2 infection *Nat Commun* [Read more »](#)
25. A systematic review of strategies adopted to scale up COVID-19 testing in low-, middle- and high-income countries *BMJ Open* [Read more »](#)
26. Vaccine effectiveness against SARS-CoV-2 reinfection during periods of Alpha, Delta, or Omicron dominance: A Danish nationwide study *PLoS Med* [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 »](#)

[Estonia »](#)



[Germany »](#)

[Greece »](#)

[Hungary »](#)

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[Slovenia »](#)



[Finland »](#)

[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. *(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.