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

COVID-19 Digest
10 February 2022

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ECDC Outputs

Recent publications

COVID-19 vaccine effectiveness in adolescents aged 12-17 years and interim public health considerations for administration of a booster dose Technical report – 08 Feb Read more »

Considerations for the use of face masks in the community in the context of the SARS-CoV-2 Omicron variant of concern Technical report – 07 Feb Read more »

Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA Technical report – 31 Jan Read more »

Guidance on ending the isolation period for people with COVID-19, third update Technical report – 28 Jan Read more »

Assessment of the further spread and potential impact of the SARS-CoV-2 Omicron variant of concern in the EU/EEA, 19th update Risk Assessment – 27 Jan Read more »

Interim analysis of COVID-19 vaccine effectiveness against Severe Acute Respiratory Infection due to laboratory-confirmed SARS-CoV-2 among individuals aged 50 years and older, ECDC multi-country study – first update Technical report – 20 Jan 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). Read more »

Surveillance report on COVID-19: Includes information on severity and risk groups most affected for the EU/EEA, as well as information on The European Surveillance System (TESSy) data quality and descriptions about national surveillance systems. 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 »

Vaccine roll-out overview report: This report complements the Vaccine tracker and provides an overview of the progress in the roll-out of COVID-19 vaccines in adults (aged 18 years and above) across EU/EEA Member States, incl. vaccine doses distributed and administered. 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 »]

**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 »]

**Online micro learning activities on non-pharmaceutical countermeasures in relation to COVID-19**. E-learning course. [Read more »]

**Other ECDC Outputs**

**ECDC website on COVID-19** — [Read more »]

**ECDC case definition for COVID-19**. [Read more »]

Find the latest evidence on:

- Coronaviruses
- Risk factors and risk groups
- Transmission of COVID-19
- COVID-19 infection
- 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

**Surveillance definitions for COVID-19**. High risk exposure/close contact, transmission status, death due to COVID-19. [Read more »]

**Testing strategies for SARS-CoV-2** — Patients requiring diagnostic testing. [Read more »]

**Preparedness for COVID-19** — Publications and guidance for preparedness planning. [Read more »]

**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** — Questions and answers. [Read more »]

**All ECDC COVID-19 updates** [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. Epidemiology and control of SARS-CoV-2 epidemics in partially vaccinated populations: a modeling study applied to France. *BMC Med*. [Read more »](#)
2. Reduced risk of hospitalisation among reported COVID-19 cases infected with the SARS-CoV-2 Omicron BA.1 variant compared with the Delta variant, Norway, December 2021 to January 2022. *Eurosurveillance*. [Read more »](#)
3. Increased risk of infection with SARS-CoV-2 Omicron BA.1 compared with Delta in vaccinated and previously infected individuals, the Netherlands, 22 November 2021 to 19 January 2022. *Eurosurveillance*. [Read more »](#)
7. Randomised trials on non-pharmaceutical interventions for COVID-19 as of August 2021: a scoping review. *BMJ Evid Based Med*. [Read more »](#)
9. Modeling the impact of vaccination strategies for nursing homes in the context of increased SARS-CoV-2 community transmission and variants. *Clin Infect Dis*. [Read more »](#)
11. Three exposures to the spike protein of SARS-CoV-2 by either infection or vaccination elicit superior neutralizing immunity to all variants of concern. *Nat Med*. [Read more »](#)
12. Indirect protection of children from SARS-CoV-2 infection through parental vaccination. *Science*. [Read more »](#)
13. Vaccination with BNT162b2 reduces transmission of SARS-CoV-2 to household contacts in Israel. *Science*. [Read more »](#)
14. Antibody course and memory B-cell response in the first year after SARS-CoV-2 infection. *J Infect Dis*. [Read more »](#)
17. Perimeter confinements of basic health zones and COVID-19 incidence in Madrid, Spain. *BMC Public Health*. [Read more »](#)
19. ESCMID guidelines on testing for SARS-CoV-2 in asymptomatic individuals to prevent transmission in the healthcare setting. *Clin Microbiol Infect*. [Read more »](#)
22. COVID-19 measures in Belgium: how perception and adherence of the general population differ between time periods. *BMC Public 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 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 »
Finland »
France »
Germany »
Greece »
Hungary »
Iceland »
Ireland »
Italy »
Latvia »
Liechtenstein »
Lithuania »
Luxembourg »
Malta »
Netherlands »
Norway »
Poland »
Portugal »
Romania »
Slovakia »
Slovenia »
Spain »
Sweden »
Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](https://coap.ispm.uzh.ch) 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](https://eppi.io) 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:** Drug treatments for COVID-19 living systematic review and network meta-analysis and related living guideline [https://app.magicapp.org/#/guideline/nBkO1E](https://app.magicapp.org/#/guideline/nBkO1E)


**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 »](https://www.epplive.org)

Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](https://www.cebm.ox.ac.uk). Rapid reviews of primary care questions relating to COVID-19.

**Cochrane:** [Cochrane Reviews](https://www.cochrane.org) 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 »](https://www.covid19reference.org)

**Evidence Aid:** [Evidence Collection](https://www.evidenceaid.org) 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](https://www.hqi.ie/coronavirus). 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](https://www.cdc.gov/coronavirus/2019-ncov/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](https://www.va.gov/ESPR) - 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](https://www.wolterskluwer.com/resources). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.