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

COVID-19 Digest
19 May 2022

ECDC Outputs

Recent publications

Epidemiological update: SARS-CoV-2 Omicron sub-lineages BA.4 and BA.5 13 May Read more »


Public health considerations and evidence to support decisions on the implementation of a second mRNA COVID-19 vaccine booster dose Technical report – 28 Apr Read more »

Transitioning beyond the acute phase of the COVID-19 pandemic: Approaches and tools used by a sample of EU countries in the transition and de-escalation phase – interim report Technical report – 27 Apr Read more »

Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA Technical report – 21 Apr Read more »

Joint statement from ECDC and EMA on the administration of a fourth dose of mRNA vaccines 06 Apr Read more »

Information to guide individual health assessment of refugees fleeing the war in Ukraine – Considerations for healthcare workers UNHCR, ECDC, IOM, WHO/Europe 06 Apr Read more »

Guidance for the prevention and control of COVID-19 in temporary reception centres in the context of the large numbers of people fleeing Ukraine Technical report – 18 Mar Read more »

Analysis of COVID-19 contact tracing data from Ireland, Italy and Spain – 2020 data Technical report – 15 Mar Read more »

Interim analysis of COVID-19 vaccine effectiveness against Severe Acute Respiratory Infection due to laboratory-confirmed SARS/CoV/2 among individuals aged 30 years and older, ECDC multi-country study – second update Technical report – 14 Mar Read more »

Operational public health considerations for the prevention and control of infectious diseases in the context of Russia’s aggression towards Ukraine 08 Mar 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, vaccination uptake at EU/EEA and country level). 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 »

**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»

**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
- 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

**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 »
**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.

2. Long-term mortality following SARS-CoV-2 infection: A national cohort study from Estonia Lancet Reg Health Eur [Read more »]
3. The rapid spread of SARS-COV-2 Omicron variant in Italy reflected early through wastewater surveillance Sci Total Environ [Read more »]
4. Assessing the effect of non-pharmaceutical interventions on COVID-19 transmission in Spain, 30 August 2020 to 31 January 2021 Euro Surveill [Read more »]
5. Remdesivir and three other drugs for hospitalised patients with COVID-19: final results of the WHO Solidarity randomised trial and updated meta-analyses Lancet [Read more »]
6. COVID-19 vaccine effectiveness against severe disease from SARS-CoV-2 Omicron BA.1 and BA.2 subvariants - surveillance results from southern Sweden, December 2021 to March 2022 Euro Surveill [Read more »]
7. Omicron infection enhances Delta antibody immunity in vaccinated persons Nature [Read more »]
8. Breakthrough SARS-CoV-2 infections in double and triple vaccinated adults and single dose vaccine effectiveness among children in Autumn 2021 in England: REACT-1 study EClinicalMedicine [Read more »]
10. Venous or arterial thrombosis and deaths among COVID-19 cases: a European network cohort study Lancet Infect Dis [Read more »]
11. Trajectory of long covid symptoms after covid-19 vaccination: community based cohort study BMJ [Read more »]
12. Outcomes of SARS-CoV-2 omicron infection in residents of long-term care facilities in England (VIVALDI): a prospective, cohort study Lancet Healthy Longev [Read more »]
13. Trajectory of long covid symptoms after covid-19 vaccination: community based cohort study BMJ [Read more »]
14. The impact of COVID-19 vaccination in prisons in England and Wales: a metapopulation model BMC Public Health [Read more »]
15. Health outcomes in people 2 years after surviving hospitalisation with COVID-19: a longitudinal cohort study Lancet Respir Med [Read more »]
16. Association of Prior BNT162b2 COVID-19 Vaccination With Symptomatic SARS-CoV-2 Infection in Children and Adolescents During Omicron Predominance JAMA [Read more »]
17. Presymptomatic, asymptomatic and post-symptomatic transmission of SARS-CoV-2: joint British Infection Association (BIA), Healthcare Infection Society (HIS), Infection Prevention Society (IPS) and Royal College of Pathologists (RCPath) guidance BMC Infect Dis [Read more »]
18. Risk of SARS-CoV-2 Reinfection 18 Months After Primary Infection: Population-Level Observational Study Front Public Health [Read more »]
19. Incidence and clinical phenotype of multisystem inflammatory syndrome in children after infection with the SARS-CoV-2 delta variant by vaccination status: a Danish nationwide prospective cohort study Lancet Child Adolesc 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 Addition (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 »](#)
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- [Poland »](#)
- [Portugal »](#)
- [Romania »](#)
- [Slovakia »](#)
- [Slovenia »](#)
- [Spain »](#)
- [Sweden »](#)
**Living Evidence Summaries**

**COAP:** [COVID-19 Open Access Project](https://ispm.unibe.ch/coap) 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://epccr.eu): 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](https://www.bmj.com/) living systematic review and network meta-analysis and a [living WHO guideline on drugs for COVID-19](https://www.bmj.com/)


**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://epccr.eu/)

**WHO:** [Living WHO guideline on drugs for COVID-19](https://www.bmj.com/) (published by theBMJ)

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**Science Updates**

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

**Cochrane:** [Cochrane Reviews](https://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.uow.edu.au/)

**Evidence Aid:** [Evidence Collection](https://evidenceaid.net) 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.hiq.ie/). Clinical evidence summaries and rapid reviews on various topics.

**LitCovid:** [curated literature hub](https://litcovid.org) 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/science-updates.html) 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.vesp.va.gov) - 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). 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](https://www.who.int/csr/disease/ pública...19). Literature database.