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

COVID-19 Digest
16 June 2022

📚 ECDC Outputs

Recent publications

Epidemiological update: Implications of the emergence and spread of the SARS-CoV-2 variants of concern BA.4 and BA.5 for the EU/EEA 13 June Read more

Technical guidance for antigenic SARS-CoV-2 monitoring Technical guidance – 07 June Read more

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

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. 

**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:

- Coronavirus
- 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](#)

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**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.

4. SARS-CoV-2 Omicron variants BA.1 and BA.2 both show similarly reduced disease severity of COVID-19 compared to Delta, Germany, 2021 to 2022 [Euro Surveill](#)
5. Clinical outcomes associated with SARS-CoV-2 Omicron (B.1.1.529) variant and BA.1/BA.1.1 or BA.2 subvariant infection in southern California [Nat Med](#)
6. Vaccine effectiveness and duration of protection against symptomatic infections and severe Covid-19 outcomes in adults aged 50 years and over, France, January to mid-December 2021 Glob Epidemiol Read more »
7. Effectiveness of mRNA vaccine boosters against infection with the SARS-CoV-2 omicron (B.1.1.529) variant in Spain: a nationwide cohort study Lancet Infect Dis Read more »
9. Impact of stringent non-pharmaceutical interventions applied during the second and third COVID-19 epidemic waves in Portugal, 9 November 2020 to 10 February 2021: an ecological study Euro Surveill Read more »
10. Waning effectiveness of the third dose of the BNT162b2 mRNA COVID-19 vaccine Nat Commun Read more »
11. Downsizing of COVID-19 contact tracing in highly immune populations PloS one Read more »
12. VACCELERATE Volunteer Registry: A European study participant database to facilitate clinical trial enrolment Vaccine 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 Read more »
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 Read more »
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 Read more »
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 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: 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 and a living WHO guideline on drugs for COVID-19


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 »

WHO: Living WHO guideline on drugs for COVID-19 (published by theBMJ)

Science Updates


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 »

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.

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.