



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

COVID-19 Digest
22 September 2022

ECDC Outputs

Recent publications

Pilot protocol for a COVID-19 vaccine effectiveness study using health data registries 19 Sep [Read more »](#)

Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA Technical report – 08 Sep [Read more »](#)

ECDC-EMA statement on booster vaccination with Omicron adapted bivalent COVID-19 vaccines 06 Sep [Read more »](#)

Long-term qualitative scenarios and considerations of their implications for preparedness and response to the COVID-19 pandemic in the EU/EEA Technical guidance – 29 Aug [Read more »](#)

Generic protocol for COVID-19 vaccine effectiveness studies at long-term care facilities in the EU/EEA Technical guidance – 24 Aug [Read more »](#)

Methods for the detection and characterisation of SARS-CoV-2 variants – second update Technical guidance – 02 Aug [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.** Their utility and continuation will be discussed again in September 2022. You can access the archive of data and maps [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 French Covid-19 vaccination policy did not solve vaccination inequities: a nationwide study on 64.5 million people *Eur J Public Health* [Read more »](#)
2. The prevalence of sensory changes in post-COVID syndrome: A systematic review and

- meta-analysis *Front Med* [Read more »](#)
3. Simulating the effects of mobility restrictions in the spread of SARS-CoV-2 in metropolitan areas in Portugal *PLoS One* [Read more »](#)
 4. COVID-19-Associated Hospitalizations Among Vaccinated and Unvaccinated Adults 18 Years or Older in 13 US States, January 2021 to April 2022 *JAMA Intern Med* [Read more »](#)
 5. Prevalence, incidence and longevity of antibodies against SARS-CoV-2 among primary healthcare providers in Belgium: a prospective cohort study with 12 months of follow-up *BMJ open* [Read more »](#)
 6. Comparing human and model-based forecasts of COVID-19 in Germany and Poland *PLoS Comput Biol* [Read more »](#)
 7. Evaluation of Risk Factors for Postbooster Omicron COVID-19 Deaths in England *JAMA Netw Open* [Read more »](#)
 8. COVID-19 vaccine effectiveness against symptomatic SARS-CoV-2 infections, COVID-19 related hospitalizations and deaths, among individuals aged ≥ 65 years in Portugal: A cohort study based on data-linkage of national registries February-September 2021 *PLoS One* [Read more »](#)
 9. Neutralisation sensitivity of the SARS-CoV-2 omicron BA.2.75 sublineage *Lancet Infect Dis* [Read more »](#)
 10. Antigenic characterization of the SARS-CoV-2 Omicron subvariant BA.2.75 *Cell Host Microbe* [Read more »](#)
 11. COVID-19 mRNA vaccine effectiveness (second and first booster dose) against hospitalisation and death during Omicron BA.5 circulation: cohort study based on electronic health records, Portugal, May to July 2022 *Euro Surveill* [Read more »](#)
 12. Infectious viral shedding of SARS-CoV-2 Delta following vaccination: A longitudinal cohort study *PLoS Pathog* [Read more »](#)
 13. Initial protection against SARS-CoV-2 omicron lineage infection in children and adolescents by BNT162b2 in Israel: an observational study *Lancet Infect Dis* [Read more »](#)
 14. Acceptance of Different Self-sampling Methods for Semiweekly SARS-CoV-2 Testing in Asymptomatic Children and Childcare Workers at German Day Care Centers: A Nonrandomized Controlled Trial *JAMA Netw Open* [Read more »](#)
 15. SARS-CoV-2 reinfections during the first three major COVID-19 waves in Bulgaria *PLoS One* [Read more »](#)
 16. The association of COVID-19 incidence with temperature, humidity, and UV radiation - A global multi-city analysis *Sci Total Environ* [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 »		Germany »		Malta »
	Belgium »		Greece »		Netherlands »
	Bulgaria »		Hungary »		Norway »
	Croatia »		Iceland »		Poland »
	Cyprus »		Ireland »		Portugal »
	Czechia »		Italy »		Romania »
	Denmark »		Latvia »		Slovakia »
	Estonia »		Liechtenstein »		Slovenia »
	Finland »		Lithuania »		Spain »
	France »		Luxembourg »		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](#)

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 »](#)

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

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 »](#)

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.