



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

## COVID-19 Digest

21 April 2022

### ECDC Outputs

#### Recent publications

**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 »](#)

**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 demographic and geographic impact of the COVID pandemic in Bulgaria and Eastern Europe in 2020 *Sci Rep* [Read more »](#)
2. The 1(st) year of the COVID-19 epidemic in Estonia: a population-based nationwide

- sequential/consecutive cross-sectional study *Public health* [Read more »](#)
3. Mortality rates among COVID-19 patients hospitalised during the first three waves of the epidemic in Milan, Italy: A prospective observational study *PloS one* [Read more »](#)
  4. Detection of SARS-CoV-2 RNA in wastewater and importance of population size assessment in smaller cities: An exploratory case study from two municipalities in Latvia *Sci Total Environ* [Read more »](#)
  5. Wastewater and marine bioindicators surveillance to anticipate COVID-19 prevalence and to explore SARS-CoV-2 diversity by next generation sequencing: One-year study *Sci Total Environ* [Read more »](#)
  6. Implementation of novel and conventional outbreak control measures in managing COVID-19 outbreaks in a large UK prison *BMC public health* [Read more »](#)
  7. Impact of COVID-19 immunisation on COVID-19 incidence, hospitalisations, and deaths by age group in Germany from December 2020 to October 2021 *Vaccine* [Read more »](#)
  8. SARS-CoV-2 seroprevalence in Portugal following the third epidemic wave: results of the second National Serological Survey (ISN2COVID-19) *Infect Dis* [Read more »](#)
  9. Evidence-Based Policymaking in Times of Acute Crisis: Comparing the Use of Scientific Knowledge in Germany, Switzerland, and Italy *Polit Vierteljahresschr* [Read more »](#)
  10. Health and science-related disinformation on COVID-19: A content analysis of hoaxes identified by fact-checkers in Spain *PloS one* [Read more »](#)
  11. SARS-CoV-2 infection in the first trimester and the risk of early miscarriage: a UK population-based prospective cohort study of 3041 pregnancies conceived during the pandemic *Human reproduction* [Read more »](#)
  12. Differences by region of birth in SARS-CoV-2 vaccine coverage and positive SARS-CoV-2 test among 400 000 healthcare workers and the general population in Sweden *Vaccine* [Read more »](#)
  13. High heterogeneity on the accepted vaccines for COVID-19 certificates in European countries *Travel Med Infect Dis* [Read more »](#)
  14. Comparable neutralisation evasion of SARS-CoV-2 omicron subvariants BA.1, BA.2, and BA.3 *Lancet Infect Dis* [Read more »](#)
  15. Persistent COVID-19 symptoms in a community study of 606,434 people in England *Nature communications* [Read more »](#)
  16. COVID-19 contact tracing in Belgium: main indicators and performance, January - September 2021 *Arch Public Health* [Read more »](#)
  17. Defining the determinants of vaccine uptake and undervaccination in migrant populations in Europe to improve routine and COVID-19 vaccine uptake: a systematic review *Lancet Infect Dis* [Read more »](#)
  18. SARS-CoV-2 Spike S1-specific IgG kinetic profiles following mRNA or vector-based vaccination in the general Dutch population show distinct kinetics *Sci Rep* [Read more »](#)
  19. Myopericarditis following COVID-19 vaccination and non-COVID-19 vaccination: a systematic review and meta-analysis
  20. Dosing interval strategies for two-dose COVID-19 vaccination in 13 middle-income countries of Europe: Health impact modelling and benefit-risk analysis *Lancet Respir Med* [Read more »](#)
  21. Secondary Attack Rate, Transmission and Incubation Periods, and Serial Interval of SARS-CoV-2 Omicron Variant, Spain *EID* [Read more »](#)
  22. Does a humoral correlate of protection exist for SARS-CoV-2? A systematic review *PloS one* [Read more »](#)
  23. Symptom prevalence, duration, and risk of hospital admission in individuals infected with SARS-CoV-2 during periods of omicron and delta variant dominance: a prospective observational study from the ZOE COVID Study *Lancet* [Read more »](#)
  24. COVID-19 vaccine waning and effectiveness and side-effects of boosters: a prospective community study from the ZOE COVID Study *Lancet Infect Dis* [Read more »](#)
  25. Risk of adverse events after covid-19 in Danish children and adolescents and effectiveness of BNT162b2 in adolescents: cohort study *BMJ* [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 »](#)



[Finland »](#)



[France »](#)



[Germany »](#)



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[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](#)

**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.