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

COVID-19 Digest  
24 March 2022

ECDC Outputs

Recent publications

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 »

Data collection on COVID-19 outbreaks in closed settings: long-term care facilities, version 2.1 Technical report – 18 Feb Read more »

Considerations for the use of antibody tests for SARS-CoV-2, first update Technical report – 10 Feb Read more »

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 »

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. Effectiveness of Covid-19 Vaccines over a 9-Month Period in North Carolina  
   [Read more »](https://www.nejm.org/doi/10.1056/NEJMc2033144)

2. Risk factors for SARS-CoV-2 infection and hospitalisation in children and adolescents in Norway: a nationwide population-based study  
   [BMJ Open Read more »](https://bmjopen.bmj.com/content/11/9/e059517)

3. Modeling the number of people infected with SARS-CoV-2 from wastewater viral load in Northwest Spain  

4. Clinical severity of, and effectiveness of mRNA vaccines against, covid-19 from omicron, delta, and alpha SARS-CoV-2 variants in the United States: prospective observational study  
   [BMJ Read more »](https://www.bmj.com/content/373/bmj/n463)

5. How (not) to mobilize health workers in the fight against vaccine hesitancy: Experimental evidence from Germany's AstraZeneca controversy  
   [BMC Public Health Read more »](https://bmcpubhealth.biomedcentral.com/articles/10.1186/s12889-020-02371-1)

6. COVID-19 pandemic and mortality in nursing homes across USA and Europe up to October 2021  

7. The use of public transport and contraction of SARS-CoV-2 in a large prospective cohort in Norway  
   [BMC Infect Dis Read more »](https://www.biomedcentral.com/1471-2334/25/1)

   [Lancet Read more »](https://www.lancet.com/article/PIIS0140-6736(21)02371-7)

9. Rapid spread of SARS-CoV-2 Omicron subvariant BA.2 in a single-source community outbreak  
   [Clin Infect Dis Read more »](https://cidegnet.org/content/111/1/25)

10. No substantial preexisting B cell immunity against SARS-CoV-2 in healthy adults  
    [iScience Read more »](https://www.elsevier.com/locate/isci)

11. Epidemiology and genetic diversity of SARS-CoV-2 lineages circulating in Africa  
    [iScience Read more »](https://www.elsevier.com/locate/isci)

12. Antibody-mediated Immunogenicity against SARS-CoV-2 following priming, boosting and hybrid immunity: insights from 11 months of follow-up of a healthcare worker cohort in Israel, December 2020–October 2021  
    [Clin Infect Dis Read more »](https://cid.oxfordjournals.org/content/73/23/1711)

13. Neutralisation sensitivity of the SARS-CoV-2 omicron (B.1.1.529) variant: a cross-sectional study  
    [Lancet Infect Dis Read more »](https://www.thelancet.com/journals/laninf)

14. T cell reactivity to the SARS-CoV-2 Omicron variant is preserved in most but not all individuals  
    [Cell Read more »](https://www.cell.com/cell/fulltext/S0092-8674(21)01168-2)

15. Comparative analysis of the risks of hospitalisation and death associated with SARS-CoV-2 omicron (B.1.1.529) and delta (B.1.617.2) variants in England: a cohort study  
    [Lancet Read more »](https://www.thelancet.com/journals/laninf)

16. Indirect protection of children from SARS-CoV-2 infection through parental vaccination  
    [Science Read more »](https://www.sciencemag.org)

17. Association between covid-19 vaccination, SARS-CoV-2 infection, and risk of immune mediated neurological events: population-based cohort and self-controlled case series analysis  
    [BMJ Read more »](https://www.bmj.com/content/373/bmj/n463)

18. Evaluation of science advice during the COVID-19 pandemic in Sweden  
    [Nature Read more »](https://www.nature.com)

19. SARS-CoV-2 positivity in offspring and timing of mother-to-child transmission: living systematic review and meta-analysis  
    [BMJ Read more »](https://www.bmj.com/content/373/bmj/n463)

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**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 »](https://reopen.eu/)  
- **European Commission.** Coronavirus response.  
  [Read more »](https://ec.europa.eu/health/topics/coronavirus)
- **European Parliament.** The EU's response to the coronavirus.  
  [Read more »](https://www.europarl.europa.eu/)
- **EU Healthy Gateways:** Published guidance and reports for COVID-19  
  [Read more »](https://ec.europa.eu/health/)
- **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

**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](https://ispm.org/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](https://www.epicentre.nl/en/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 Guideline on drugs for COVID-19](https://www.bmj.com/covid-19) (published by the BMJ)

### Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](https://www.cebm.ox.ac.uk/covid19/). Rapid reviews of primary care questions relating to COVID-19.

**Cochrane:** [Cochrane Reviews](https://www.cochrane.org/covid-19) 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](https://www.evidenceaid.org/covid19) 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.hiqa.ie/covid-19-publications). Clinical evidence summaries and rapid reviews on various topics.

**LitCovid:** [Curated Literature Hub](https://litcovid.jmir.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-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.esp.va.gov/covid19) - 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.clinical mastering.com/covid-19). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.