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

COVID-19 Digest
06 October 2022

ECDC Outputs

Recent publications

The EU experience in the first phase of COVID-19: implications for measuring preparedness 26 Sep Read more »

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 »

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 »
**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. Tracking changes in SARS-CoV-2 transmission with a novel outpatient sentinel surveillance system in Chicago, USA. Nat Commun [Read more »](#)
3. Early Detection of SARS-CoV-2 Omicron BA.4 and BA.5 in German Wastewater. Viruses [Read more »](#)
4. Protection against omicron (B.1.1.529) BA.2 reinfection conferred by primary omicron BA.1 or pre-omicron SARS-CoV-2 infection among health-care workers with and without mRNA vaccination: a test-negative case-control study. Lancet Infect Dis [Read more »](#)
5. Introduction, Spread and Impact of the SARS-CoV-2 Omicron Variants BA.1 and BA.2 in Cyprus. Microorganisms [Read more »](#)
6. Reinfections with Different SARS-CoV-2 Omicron Subvariants, France. Emerg Infect Dis [Read more »](#)
7. Explosive COVID-19 outbreak in a German nursing home and the possible role of the air ventilation system. J Hosp Infect [Read more »](#)
8. Incidence of Severe COVID-19 Illness Following Vaccination and Booster With BNT162b2, mRNA-1273, and Ad26.COV2.S Vaccines. JAMA [Read more »](#)
10. Association of SARS-CoV-2 Seropositivity With Myalgic Encephalomyelitis and/or Chronic Fatigue Syndrome Among Children and Adolescents in Germany. JAMA Netw Open [Read more »](#)
11. Seroprevalence of Anti-SARS-CoV-2 IgG Antibodies in Tyrol, Austria: Updated Analysis Involving 22,607 Blood Donors Covering the Period October 2021 to April 2022. Viruses [Read more »](#)
13. Comparing immunogenicity and efficacy of two different mRNA-based COVID-19 vaccines as a fourth dose; six-month follow-up, Israel, 27 December 2021 to 24 July 2022. Euro Surveill [Read more »](#)
14. Effect of booster vaccination against Delta and Omicron SARS-CoV-2 variants in Iceland. Nat Commun [Read more »](#)
15. Clinical severity of SARS-CoV-2 Omicron BA.4 and BA.5 lineages compared to BA.1 and Delta in South Africa. Nat Commun [Read more »](#)
16. Risk factors for SARS-CoV-2 infection after primary vaccination with ChAdOx1 nCoV-19 or BNT162b2 and after booster vaccination with BNT162b2 or mRNA-1273: A population-based cohort study (COVIDENCE UK). Lancet Reg Health Eur [Read more »](#)
17. Household transmission of the SARS-CoV-2 Omicron variant in Denmark. Nat Commun [Read more »](#)
18. Household transmission of SARS-CoV-2 Omicron variant of concern subvariants BA.1 and BA.2 in Denmark. Nat Commun [Read more »](#)
19. Increased household transmission and immune escape of the SARS-CoV-2 Omicron compared to Delta variants. Nat Commun [Read more »](#)
20. Association of Primary and Booster Vaccination and Prior Infection With SARS-CoV-2 Infection and Severe COVID-19 Outcomes. JAMA [Read more »](#)
21. BNT162b2 COVID-19 vaccination uptake, safety, effectiveness and waning in children and young people aged 12-17 years in Scotland. Lancet Reg Health Eur [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 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 »
Germany »
Greece »
Hungary »
Iceland »
Ireland »
Italy »
Latvia »
Liechtenstein »
Malta »
Netherlands »
Norway »
Poland »
Portugal »
Romania »
Slovakia »
Slovenia »
Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](https://ispm.mansion6.com/) 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](https://www.mcmaster.ca/healthforum/) 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://eppi.ioe.ac.uk/covid19/): 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.mAGICproject.org/)

**NMA initiative:** [COVID-19 – living initiative](https://www.education.majicproject.org/)

**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://www.birmingham.ac.uk/)

**WHO:** [Living_WHO_guideline_on_drugs_for_COVID-19](https://www.worldhealth.org/) (published by theBMJ)

Science Updates

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

**Cochrane:** [Cochrane Reviews](https://www.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.covidreferenceinternational.org/)

**Evidence Aid:** [Evidence Collection](https://evidenceaid.org/) 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.hiqai.ie/covid-19-publications/): Clinical evidence summaries and rapid reviews on various topics.

**LitCovid:** [curated literature hub](https://www.litcovid.com/) 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/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](https://www.vespravdi.com/) - 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/). Literature database.