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

Weekly Digest
22 April 2021

ECDC Outputs

Recent publications

Interim guidance on the benefits of full vaccination against COVID-19 for transmission and implications for non-pharmaceutical interventions. Technical Report – 21 April Read more »

Reinfection with SARS-CoV-2: implementation of a surveillance case definition within the EU/EEA. Technical Report – 08 April Read more »

Overview of the implementation of COVID-19 vaccination strategies and vaccine deployment plans in the EU/EEA. Technical Report – 29 March Read more »

Risk of SARS-CoV-2 transmission from newly-infected individuals with documented previous infection or vaccination. Technical Report – 29 March Read more »


Stress test on logistical aspects of COVID-19 vaccination deployment plans for the Western Balkans: final report. Technical Report – 18 March Read more »

Considerations on the use of self-tests for COVID-19 in the EU/EEA. Technical Report – 17 March Read more »


All ECDC publications on scientific advice on coronavirus are published here.

Translated guidance and infographics on COVID-19. Available in 26 languages. Read more »

Situation updates on COVID-19

Weekly 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 »

Weekly 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 »

Weekly 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). Data on variants of concern have been added under Section 3.6. Read more »

Weekly surveillance report on COVID-19: Includes information on severity and risk groups most affected for the EU/EEA, as well as information on The European Surveillance System (TESSy) data quality and descriptions about
national surveillance systems. 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 »

**Vaccine roll-out overview report:** This report complements the Vaccine tracker and provides an overview of the progress in the roll-out of COVID-19 vaccines in adults (aged 18 years and above) across EU/EEA Member States, incl. vaccine doses distributed and administered. 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 »

**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»

**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 »

**Online micro learning activities on non-pharmaceutical countermeasures in relation to COVID-19.** E-learning course. 20 Feb 2020 – 30 June 2021. Read more »

**Other ECDC Outputs**

**ECDC website on COVID-19** – Read more »

**ECDC case definition for COVID-19.** Read more »

**Find the latest evidence on:**

*Note that the sections are currently being reviewed and updated where necessary.*

- [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](#)
- [Vaccines and treatment of COVID-19](#)

**Surveillance definitions for COVID-19.** High risk exposure/close contact, transmission status, death due to COVID-19. Read more »

**Testing strategies for SARS-CoV-2** - Patients requiring diagnostic testing. Read more »
Preparedness for COVID-19 – Publications and guidance for preparedness planning. Read more »

Prevention and control of COVID-19 – how to protect yourself, risk groups, COVID-19 vaccination, patient and case management. Read more »

Laboratory support for COVID-19 in the EU/EEA – Testing for SARS-CoV-2 virus, shortages, types and storage of specimens, specimen shipping etc. Read more »

Q & A on COVID-19 – Questions and answers. 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 a qualitative assessment or critical appraisal of the evidence.

1. Comparison of clinical features on admission between coronavirus disease 2019 and influenza a among children: a retrospective study in China. BMC Infect Dis Read more »
2. Transmission, infectivity, and neutralization of a spike L452R SARS-CoV-2 variant. Cell Read more »
4. Evaluation of pooling of samples for testing SARS-CoV-2 for mass screening of COVID-19. BMC Infect Dis Read more »
5. Reinfection of SARS-CoV-2 - analysis of 23 cases from the literature. Infect Dis (Lond) Read more »
6. Increased Resistance of SARS-CoV-2 Variant P.1 to Antibody Neutralization. Cell Host Microbe Read more »
7. SARS-CoV-2 infection in schools in a northern French city: a retrospective serological cohort study in an area of high transmission, France, January to April 2020. Eurosurveillance Read more »
8. Impact of January 2021 curfew measures on SARS-CoV-2 B.1.1.7 circulation in France. Eurosurveillance Read more »
9. Clinical Characteristics of False Negative SARS-CoV-2 Test Results Amongst Hospitalized Patients. Infection Control and Hospital Epidemiology Read more »
10. Clinical characteristics of children infected with SARS-CoV-2 in Italy. Ital J Pediatr Read more »
12. COVID-19 infection with asymptomatic or mild disease severity in young patients: Clinical course and association between prevalence of pneumonia and viral load. PLoS One 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). Research Platform. Read more »
European Maritime Safety Agency (EMSA). COVID-19 measures. 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 »
US Centers for Disease Control and Control. 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://coap.ispm.ifi.ethz.ch) 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.

**EPPI Centre:** [COVID-19](https://epipcentre.org/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.


**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.epipcentre.org/covid-19)

**theBMJ:** [Drug treatments for covid-19](https://www.bmj.com/content/drug-treatments-covid-19): living systematic review and network meta-analysis

Science Updates


**Cochrane:** [Cochrane Reviews](https://www.cochranelibrary.com) 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.epipcentre.org/covid-19)

**COVID-AMR:** [Peer-reviewed literature](https://www.epipcentre.org/covid-19) on secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19.

**Evidence Aid:** [Evidence Collection](https://evidenceaid.net) 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:** [COVID-19 Publications](https://www.healthquality.gov.au/covid-19-publications): Clinical evidence summaries and rapid reviews on various different topics.

**LitCovid:** [curated literature hub](https://lifecycle.endgameapps.org/litcovid) 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. The articles are updated daily and are further categorized by different research topics and geographic locations for improved access.

**US Centers for Disease Control and Prevention:** [COVID-19 Science Updates](https://www.cdc.gov/coronavirus/2019-ncov/updates/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.epipcentre.org/covid-19) - 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 Recourses Available to All](https:// Atlases.wolterskluwer.com). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.