



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

Weekly Digest
29 April 2021

ECDC Outputs

Recent publications

Objectives of vaccination strategies against COVID-19. Technical Report – 23 April [Read more »](#)

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 »](#)

Rollout of COVID-19 vaccines in the EU/EEA: challenges and good practice. Technical Report – 29 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. COVID-19 study found that 0.4% of 5,730 asymptomatic children aged 0-18 tested positive for virus before hospital procedures or admission *Acta Paediatr* [Read more »](#)
2. SARS-COV-2 infection in pregnant women and newborns in a Spanish cohort (GESNEO-COVID) during the first wave *BMC Pregnancy Childbirth* [Read more »](#)
3. Household exposure to SARS-CoV-2 and association with COVID-19 severity: a Danish nationwide cohort study *Clin Infect Dis* [Read more »](#)
4. SARS-CoV-2 Sequence Characteristics of COVID-19 Persistence and Reinfection *Clin Infect Dis* [Read more »](#)
5. A systematic review and meta-analysis of discharged COVID-19 patients retesting positive for RT-PCR *EClinicalMedicine* [Read more »](#)
6. Epidemiology of Confirmed COVID-19 Deaths in Adults, England, March-December 2020 *Emerg Infect Dis* [Read more »](#)
7. Characteristics of SARS-CoV-2 variants of concern B.1.1.7, B.1.351 or P.1: data from seven EU/EEA countries, weeks 38/2020 to 10/2021 *Eurosurveillance* [Read more »](#)
8. Sex-Based Differences in COVID-19 Outcomes *J Womens Health (Larchmt)* [Read more »](#)
9. Interim findings from first-dose mass COVID-19 vaccination roll-out and COVID-19 hospital admissions in Scotland: a national prospective cohort study *The Lancet* [Read more »](#)
10. COVID-19 vaccine coverage in health-care workers in England and effectiveness of BNT162b2 mRNA vaccine against infection (SIREN): a prospective, multicentre, cohort study *The Lancet* [Read more »](#)
11. Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study *Lancet Infect Dis* [Read more »](#)
12. Underlying conditions and risk of hospitalisation, ICU admission and mortality among those with COVID-19 in Ireland: A national surveillance study *Lancet Reg Health Eur* [Read more »](#)
13. Resurgence of SARS-CoV-2: detection by community viral surveillance *Science* [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 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 »](#)

US Centers for Disease Control and Control. [Read more »](#)

COVID-19 information pages of EU/EEA Member States



[Austria »](#)

[Belgium »](#)

[Bulgaria »](#)

[Croatia »](#)

[Cyprus »](#)

[Czechia »](#)

[Denmark »](#)

[Estonia »](#)

[Finland »](#)

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[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.

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.

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 »](#)

theBMJ: [Drug treatments for covid-19](#): living systematic review and network meta-analysis

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 »](#)

COVID-AMR: [Peer-reviewed literature](#) on secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19.

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: [COVID-19 Publications](#): Clinical evidence summaries and rapid reviews on various different 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. 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](#) 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 Recourses Available to All](#). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.