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

COVID-19 Digest

📚 ECDC Outputs

Recent publications

Assessment of the current SARS-CoV-2 epidemiological situation in the EU/EEA, projections for the end-of-year festive season and strategies for response, 17th update Rapid Risk Assessment – 24 Nov Read more »

Related video statement by the ECDC Director Link

Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA Technical Report – 11 Nov Read more »

Contact tracing: public health management of persons, including healthcare workers, who have had contact with COVID-19 cases in the European Union – fourth update Technical Report – 28 Oct Read more »


All ECDC scientific advice on coronavirus 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). Read more »

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 »

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 »

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. 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:

- 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


Testing strategies for SARS-CoV-2 - Patients requiring diagnostic testing. Read more »

Preparedness for COVID-19 – Publications and guidance for preparedness planning. 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. Meta-analysis of the clinical performance of commercial SARS-CoV-2 nucleic acid and antibody tests up to 22 August 2020 Eurosurveillance
4. Decrease in community antibiotic consumption during the COVID-19 pandemic, EU/EEA, 2020 Eurosurveillance
6. Myocardial Infarction, Stroke, and Pulmonary Embolism After BNT162b2 mRNA COVID-19 Vaccine in People Aged 75 Years or Older JAMA
8. Effectiveness of a third dose of the BNT162b2 mRNA COVID-19 vaccine for preventing severe outcomes in Israel: an observational study Lancet
9. Safety and immunogenicity of concomitant administration of COVID-19 vaccines (ChAdOx1 or BNT162b2) with seasonal influenza vaccines in adults in the UK (ComFluCOV): a multicentre, randomised, controlled, phase 4 trial Lancet
10. Efficacy and safety of the CVnCoV SARS-CoV-2 mRNA vaccine candidate in ten countries in Europe and Latin America (HERALD): a randomised, observer-blinded, placebo-controlled, phase 2b/3 trial Lancet Infect Dis
11. What influences people’s responses to public health messages for managing risks and preventing infectious diseases? A rapid systematic review of the evidence and recommendations BMJ Open
14. Effectiveness of public health measures in reducing the incidence of covid-19, SARS-CoV-2 transmission, and covid-19 mortality: systematic review and meta-analysis BMJ
15. Modelling the effect of a border closure between Switzerland and Italy on the spatiotemporal spread of COVID-19 in Switzerland Spat Stat
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

Ministry of Health of Mexico. 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 » Greece » Hungary » Iceland » Ireland » Italy » Latvia » Liechtenstein » Lithuania » Luxembourg » Malta » Netherlands » Norway » Poland » Portugal » Romania » Slovakia » Slovenia » Spain » Sweden »
Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](https://www.ispm.unibe.ch/coap) 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/covid-end/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://eppi-net.ac.uk/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](https://www.bmj.com/content/374/bmj.n875). 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 »](https://www.researchgate.net/profile/Joanne_Peck)

**theBMJ:** [Drug treatments for covid-19](https://www.bmj.com/content/374/bmj.n849): living systematic review and network meta-analysis

Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](https://cebm.net/covid-19). 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.covid-19reference.org/)

**COVID-AMR:** [Peer-reviewed literature](https://covidamr.org/) 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.healthinfonetwork.ca/covid-19-publications): Clinical evidence summaries and rapid reviews on various different topics.

**LitCovid:** [curated literature hub](https://www.ncbi.nlm.nih.gov/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/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.va.gov/COVID19EvidenceSynthesis/) - 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://www.wolterskluwer.com/nl-be/careers/1176297). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.