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

Weekly Digest
05 November 2020

📚 ECDC Outputs

Publications


Key aspects regarding the introduction and prioritisation of COVID-19 vaccination in the EU/EEA and the UK Technical Report – 26 October 2020 Read more »

Video on COVID-19 vaccination in the EU/EEA and the UK Video – 26 October 2020 Read more »


COVID-19 infection prevention and control measures for primary care, including general practitioner practices, dental clinics and pharmacy settings: first update Technical Report – 19 October Read more »

Guidance for discharge and ending of isolation of people with COVID-19 Technical Report – 16 October Read more »

Operational considerations for influenza surveillance in the WHO European Region during COVID-19: interim guidance Technical Guidance – 16 October Read more »

ECDC has a dedicated page with all scientific advice publications. Read more »

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

Situation updates on COVID-19

Daily situation update for the EU/EEA and the UK. Read more »

Daily situation update worldwide. Read more »

Situation dashboard: Interactive map with the latest available data on COVID-19. Read more »

Weekly COVID-19 country overview on the evolving epidemiological situation for the EU/EEA and UK. Read more »

Weekly surveillance report on COVID-19. 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 and the UK. Read more »

COVID-19 data: Download today’s data, data collection, sources (Worldwide, EU/EEA and UK national and regional data) and interpretation of data. Read more »


**Latest evidence on COVID-19 and other Information on Preparedness, Surveillance, Testing strategies & Laboratory support**

**Latest Evidence on COVID-19** - Find the latest evidence on:

- SARS-CoV-2
- Epidemiology of COVID-19
- Transmission of COVID-19
- COVID-19 Infection
- Clinical characteristics of COVID-19
- Diagnostic testing and screening
- Immune responses and immunity to SARS-CoV-2
- Vaccines and treatment of COVID-19

**Prevention and control** – measures, monitoring of response activities, patient and case management. Read more »

**EU level surveillance of COVID-19** - Case definition, surveillance definitions, surveillance and study protocols. Read more »

**Preparedness for COVID-19** – Publications and guidance for preparedness planning. Read more »

**Testing strategies for COVID-19** - Patients requiring diagnostic testing. Read more »

**Laboratory support** – Laboratory support by specialized laboratories in the EU/EEA. Read more »

**Other ECDC Outputs**

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

**ECDC Threat Reports App** - The ECDC Threat Reports app is a free and open access software that gives you direct access to key updates and rapid risk assessments on communicable disease threats of concern to the EU on your mobile device. Read more »

**Q & A on COVID-19** – Questions and answers. Read 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 »

**Webinars and Podcasts on COVID-19** – Webinars and discussions on 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**. Event E-learning course. 20 Feb 2020 - 31 Dec 2020. 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 published between 29 October and 04 November 2020, and does not include a qualitative assessment or critical appraisal of the evidence.

1. High excess mortality in areas with young and socially vulnerable populations during the COVID-19 outbreak in Stockholm Region, Sweden BMJ Glob Health
Read more »
2. Low serum neutralizing anti-SARS-CoV-2 S antibody levels in mildly affected COVID-19 convalescent patients revealed by two different detection methods Cell Mol Immunol Read more »
3. Impact of Corticosteroids in COVID-19 Outcomes: Systematic Review and Meta-Analysis Chest Read more »
4. Lack of antibodies to SARS-CoV-2 in a large cohort of previously infected persons Clin. Infect. Dis. Read more »
5. Abrupt Subsidence of Seasonal Influenza after COVID-19 Outbreak, Hong Kong, China Emerg Infect Dis Read more »
7. Effectiveness of non-pharmaceutical interventions on COVID-19 transmission in 190 countries from 23 January to 13 April 2020 Int J Infect Dis Read more »
8. Role of favipiravir in the treatment of COVID-19 Int J Infect Dis Read more »
10. On the effect of age on the transmission of SARS-CoV-2 in households, schools and the community J Infect Dis Read more »
14. SARS-CoV-2 seroprevalence and transmission risk factors among high-risk close contacts: a retrospective cohort study Lancet Infect Dis Read more »
15. Remdesivir: A potential game-changer or just a myth? A systematic review and meta-analysis Life Sci Read more »
16. Assessment of air and surfaces contamination in a COVID-19 non-Intensive Care Unit Med Lav Read more »
17. Age-specific mortality and immunity patterns of SARS-CoV-2 Nature Read more »
18. SARS-CoV-2 viral load is associated with increased disease severity and mortality Nat Commun Read more »
19. Coronavirus biology and replication: implications for SARS-CoV-2 Nat Rev Microbiol Read more »
20. SARS-CoV-2 Neutralizing Antibody LY-CoV555 in Outpatients with Covid-19  
   Engl J Med Read more »

21. SARS-CoV-2 RNA shedding in recovered COVID-19 cases and the presence of antibodies against SARS-CoV-2 in recovered COVID-19 cases and close contacts, Thailand, April-June 2020  
   PLoS One Read more »

22. SARS-CoV-2 transmission routes from genetic data: A Danish case study  
   PLoS One Read more »

23. Robust neutralizing antibodies to SARS-CoV-2 infection persist for months  
   Science Read more »

Additional Resources/Documents

Data on COVID-19

World Health Organization:  
- Website on COVID-19  
- COVID-2019 Situation Reports  
- WHO Coronavirus Dashboard

European Commission: [European Crisis Management Laboratory](#) with measures database, GitHub data repository and documents

COVID-19 response activities

European Union: [Re-open EU](#): interactive tool with country information for travel and transportation

European Commission:  
- [Coronavirus response](#)  
- EU Science Hub – [JRC research, actions and publications](#) on COVID-19  
- Recovery plan for Europe – [recovery plan and the multiannual financial framework for 2021-2027](#)  
- EU-supported [coronavirus research and innovation](#)

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

United Nations:  
- [COVID-19 Response](#)  
- [UN Department of Economic and Social Affairs](#). Global statistics, data solutions, guidance and tools  
- [UN Environment Programme](#): UNEP’s Covid-19 updates  
- [UNICEF](#) – COVID-19 Information Centre  
- [UNESCO](#) – COVID-19 Response and resources  
- [OCHA](#) – Global Humanitarian Response Plan COVID-19  
- [FAO](#) – COVID-19 policy tools
Health Technology Assessment International (HTAi): [HTAi COVID-19 response]: A series of webinars is ongoing and available open access; a collation of online resources is publicly available.

**Guidance and reports**

**Amnesty International:** [Analysis on mortality among health workers]

**EU Healthy Gateways:** [Published guidance and reports for COVID-19]

**European Agency for Safety and Health at Work:** [COVID-19 resources for the workplace]: EU guidance, telework, resources from EU and international organisations

**European Medicines Agency:** [Latest updates on COVID-19]. Treatments and vaccines for COVID-19.

**Food and Agriculture Organization of the UN:** Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. [Qualitative exposure assessment]

**World Health Organization:**
- Report: [China joint mission on Coronavirus Disease 2019 (COVID-19)]
- [Latest Publications]

**Evidence Summaries and Science Updates**

**Cochrane:** [Cochrane Reviews] and related content from the Cochrane Library relating to the COVID-19 pandemic.

**COVID Reference International:** [The COVID Textbook] by Kamps, Hoffmann et al., 4th Edition

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

**EPPI Centre:** [COVID-19]: a living systematic map of the evidence.

**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.

**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 COVID19 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

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

**Wolters Kluwer: UpToDate:** [Clinical effectiveness COVID-19 Resources Available to All]

**COVID-19 search engines and databases**

**COAP:** [COVID-19 Open Access Project](https://ispm.ifi.unibe.ch/covid19) from the Institute of Social and Preventive Medicine (ISPM)

**EMBL-EBI:** [Protein Data Bank in Europe – Knowledge Base](https://www.ebi.ac.uk/pdbe-kr/): PDBe-KB COVID-19 Data Portal.

**LitCovid:** curated literature hub for tracking up-to-date scientific information about COVID-19.