



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

Weekly Digest
29 October 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 »](#)

Communicable disease threats report, 18-24 October 2020, week 43. Communicable Disease Threats Report CDTR – 23 October 2020. [Read more »](#)

Rapid risk assessment: Increased transmission of COVID-19 in the EU/EEA and the UK – thirteenth update. Rapid Risk Assessment – 23 October [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 »](#)

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 »](#)

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. From 29 October 2020. [Read more »](#)

Current risk assessment on COVID-19. From 23 October 2020. [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 COVID19 - Case definition, surveillance definitions, surveillance and study protocols. [Read more »](#)

Preparedness for COVID-19 – Publications and guidance for preparedness planning. [Read more »](#)

Testing strategies - 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 – 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 23 and 28 October 2020, and does not include a qualitative assessment or critical appraisal of the evidence.

1. Loss of smell in COVID-19 patients: a critical review with emphasis on the use of olfactory tests *Acta Otorhinolaryngol Ital* [Read more »](#)
2. The COVID-19 pandemic in Norway and Sweden - threats, trust, and impact on daily life: a comparative survey *BMC Public Health* [Read more »](#)
3. Rapid and extraction-free detection of SARS-CoV-2 from saliva by colorimetric reverse-transcription loop-mediated isothermal amplification *Clin Chem* [Read more »](#)
4. Cell-based culture of SARS-CoV-2 informs infectivity and safe de-isolation assessments during COVID-19 *Clin Inf Dis* [Read more »](#)
5. Seropositivity rate and diagnostic accuracy of serological tests in 2019-nCoV cases: a pooled analysis of individual studies *Eur Rev Med Pharmacol Sci* [Read more »](#)
6. Innate Immune Responses to Acute Viral Infection During Pregnancy *Front Immunol* [Read more »](#)
7. Residential context and COVID-19 mortality among adults aged 70 years and older in Stockholm: a population-based, observational study using individual-level data *Lancet Healthy Longevity* [Read more »](#)
8. The Interaction of Natural and Vaccine-Induced Immunity with Social Distancing Predicts the Evolution of the COVID-19 Pandemic *mBio* [Read more »](#)
9. COVID-19 Mitigation Behaviors by Age Group — United States, April–June 2020 *Morbidity and Mortality Weekly Report* [Read more »](#)
10. Longitudinal observation and decline of neutralizing antibody responses in the three months following SARS-CoV-2 infection in humans *Nature Microbiology* [Read more »](#)
11. Evaluation of SARS-CoV-2 IgG antibody response in PCR positive patients: Comparison of nine tests in relation to clinical data *PLoS One* [Read more »](#)
12. No SARS-CoV-2 detected in air samples (pollen and particulate matter) in Leipzig during the first spread *Science of the Total Environment* [Read more »](#)
13. Flattening the curve in 52 days: characterisation of the COVID-19 pandemic in the Principality of Liechtenstein - an observational study *Swiss Med Wkly* [Read more »](#)
14. Serum pooling for rapid expansion of anti-SARS-CoV-2 antibody testing capacity *Transfus Clin Biol* [Read more »](#)
15. Comparison of upper respiratory viral load distributions in asymptomatic and symptomatic children diagnosed with SARS-CoV-2 infection in pediatric hospital testing programs *Virology* [Read more »](#)
16. Shorter incubation period is associated with severe disease progression in patients with COVID-19 *Virulence* [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](#)
- WHO-EUROPE – [Technical guidance on COVID-19](#)

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.

NMA initiative: [Covid-19 – living initiative](#). Living mapping and living systematic review of Covid-19 studies.

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 Recourses Available to All](#)

COVID-19 search engines and databases

Centre for Evidence-Based Medicine CEBM: [Oxford COVID-19 Evidence Service](#). Rapid reviews of primary care questions relating to COVID-19.

COAP: [COVID-19 Open Access Project](#) from the Institute of Social and Preventive Medicine ([ISPM](#))

EMBL-EBI: [Protein Data Bank in Europe – Knowledge Base](#): PDBe-KB COVID-19 Data Portal.

LitCovid: [curated literature hub](#) for tracking up-to-date scientific information about COVID-19.

WHO: [Global research on COVID-19](#). Database of publications on COVID-19.