



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

Weekly Digest  
12 November 2020

## ECDC Outputs

### Publications

**Detection of new SARS-CoV-2 variants related to mink.** Rapid Risk Assessment – 12 November [Read more »](#)

**Heating, ventilation and air-conditioning systems in the context of COVID-19: first update** Technical Report – 11 November 2020 [Read more »](#)

**Communicable disease threats report, 01-07 November 2020, week 45.** Communicable Disease Threats Report CDTR – 06 November 2020. [Read more »](#)

**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 »](#)

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

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 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 05 and 11 November 2020, and does not include a qualitative assessment or critical appraisal of the evidence.

1. At what times during infection is SARS-CoV-2 detectable and no longer detectable using RT-PCR-based tests? A systematic review of individual participant data *BMC Med* [Read more »](#)
2. Practice and technique of using face mask amongst adults in the community: a cross-sectional descriptive study *BMC Public Health* [Read more »](#)
3. COVID-19 case-fatality rate and demographic and socioeconomic influencers: worldwide spatial regression analysis based on country-level data *BMJ Open* [Read more »](#)
4. Are cloth masks a substitute to medical masks in reducing transmission and contamination? A systematic review *Braz Oral Res* [Read more »](#)
5. Differences of SARS-CoV-2 serological test performance between hospitalized and outpatient COVID-19 cases *Clin. Chim. Acta* [Read more »](#)
6. Impact of non-pharmaceutical interventions on the incidence of respiratory infections during the COVID-19 outbreak in Korea: a nationwide surveillance study *Clin. Infect. Dis.* [Read more »](#)
7. Non-COVID-19 deaths after social distancing in Norway *Eur J Epidemiol* [Read more »](#)
8. Model Calculations of Aerosol Transmission and Infection Risk of COVID-19 in Indoor Environments *Int. J. Environ. Res. Public Health* [Read more »](#)
9. Effect of a strict hygiene bundle for the prevention of nosocomial transmission of SARS-CoV-2 in the hospital: a practical approach from the field *J Infect Public Health* [Read more »](#)
10. Characteristics and outcomes of neonatal SARS-CoV-2 infection in the UK: a prospective national cohort study using active surveillance *Lancet Child Adolesc Health* [Read more »](#)
11. SARS-CoV-2 seroprevalence and transmission risk factors among high-risk close contacts: a retrospective cohort study *Lancet Infect. Dis.* [Read more »](#)
12. Telework Before Illness Onset Among Symptomatic Adults Aged  $\geq 18$  Years With and Without COVID-19 in 11 Outpatient Health Care Facilities - United States, July 2020 *MMWR Morb. Mortal. Wkly. Rep.* [Read more »](#)
13. Transmission of SARS-COV-2 Infections in Households - Tennessee and Wisconsin, April-September 2020 *MMWR Morb. Mortal. Wkly. Rep.* [Read more »](#)
14. Mobility network models of COVID-19 explain inequities and inform reopening *Nature* [Read more »](#)
15. Effects of social distancing and isolation on epidemic spreading modeled via dynamical density functional theory *Nat Commun* [Read more »](#)
16. Variant analysis of 1,040 SARS-CoV-2 genomes *PLoS One* [Read more »](#)
17. The impact of individual lifestyle and status on the acquisition of COVID-19: A case-Control study *PLoS One* [Read more »](#)
18. Air and surface measurements of SARS-CoV-2 inside a bus during normal operation *PLoS One* [Read more »](#)
19. Is older age associated with COVID-19 mortality in the absence of other risk factors? General population cohort study of 470,034 participants *PLoS One* [Read more »](#)
20. Transmission of SARS-CoV-2 on mink farms between humans and mink and back to humans *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

**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., 4<sup>th</sup> 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.