



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

Weekly Digest  
18 September 2020

## ECDC Outputs

### Publications

**COVID-19 testing strategies and objectives** Technical report – 18 September. [Read more »](#)

**COVID-19: Cases increasing across Europe.** News story – 16 September. [Read more »](#)

**Communicable disease threats report, 06 - 12 September 2020, week 37.** Communicable Disease Threats Report (CDTR) – 11 September 2020. [Read more »](#)

**Video on COVID-19: Do you know how to wear a face mask properly? (long version).** Video – 28 August 2020. [Read more »](#)

**Video on COVID-19: How to wear your single use face mask? (short version).** Video – 28 August 2020. [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. [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 regional data) and interpretation of data. [Read more »](#)

Current risk assessment on COVID-19. From 10 August 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 and transmission of COVID-19, as well as clinical characteristics, diagnostic testing and screening, immune responses and immunity, and vaccines and treatment. [Read more »](#)

**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 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 09 and 17 September 2020, and does not include an assessment of the evidence.

1. Characteristics, interventions and longer-term outcomes of COVID-19 ICU patients in Denmark - a nationwide, observational study *Acta Anaesthesiol Scand* [Read more »](#)
2. Biomarkers and outcomes of COVID-19 hospitalisations: systematic review and meta-analysis *BMJ Evid Based Med* [Read more »](#)
3. Active testing of groups at increased risk of acquiring SARS-CoV-2 in Canada: costs and human resource needs *CMAJ* [Read more »](#)
4. Effects of long-term exposure to air pollutants on the spatial spread of COVID-19 in Catalonia, Spain *Environ Res* [Read more »](#)

5. COVID-19 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection in children and adolescents: a systematic review of critically unwell children and the association with underlying comorbidities *Eur J Pediatr* [Read more »](#)
6. The Comparative Immunological Characteristics of SARS-CoV, MERS-CoV, and SARS-CoV-2 Coronavirus Infections *Front Immunol* [Read more »](#)
7. T cell responses and therapies against SARS-CoV-2 infection *Immunology* [Read more »](#)
8. Aerosolised COVID-19 Transmission Risk: Surgical or N95 Masks? *Infect Control Hosp Epidemiol* [Read more »](#)
9. The Transmission Modes and Sources of COVID-19: A Systematic Review *International Journal of Surgery Open* (in press) [Read more »](#)
10. Cause-specific death in hospitalized individuals infected with SARS-CoV-2: more than just acute respiratory failure or thromboembolic events *Intern Emerg Med* [Read more »](#)
11. Risk factors for non-invasive/invasive-ventilatory support in patients with COVID-19 pneumonia: a retrospective study within a multidisciplinary approach *Int J Infect Dis* [Read more »](#)
12. Review of ventilation strategies to reduce the risk of disease transmission in high occupancy buildings *International Journal of Thermofluids* [Read more »](#)
13. Targeted therapy strategies against SARS-CoV-2 cell entry mechanisms: A systematic review of in vitro and in vivo studies *J Cell Physiol* [Read more »](#)
14. The Wide Spectrum of COVID-19 Clinical Presentation in Children *J Clin Med* [Read more »](#)
15. Anosmia and Ageusia as Predictive Signs of COVID-19 in Healthcare Workers in Italy: A Prospective Case-Control Study *J Clin Med* [Read more »](#)
16. Prevalence and Associated Risk Factors of Mortality Among COVID-19 Patients: A Meta-Analysis *J Community Health* [Read more »](#)
17. Clinical characteristics and outcomes of immunosuppressed patients hospitalized with COVID-19: experience from London *J Intern Med* [Read more »](#)
18. The dynamics of immune response in COVID-19 patients with different illness severity *J Med Virol* [Read more »](#)
19. Assessing a novel, lab-free, point-of-care test for SARS-CoV-2 (CovidNudge): a diagnostic accuracy study *Lancet Microbe* [Read more »](#)
20. Hospital admissions for acute myocardial infarction before and after lockdown according to regional prevalence of COVID-19 and patient profile in France: a registry study *Lancet Public Health* [Read more »](#)
21. Transmission Dynamics of COVID-19 Outbreaks Associated with Child Care Facilities — Salt Lake City, Utah, April–July 2020 *MMWR* [Read more »](#)
22. The New Coronavirus (SARS-CoV-2): A Comprehensive Review on Immunity and the Application of Bioinformatics and Molecular Modeling to the Discovery of Potential Anti-SARS-CoV-2 Agents *Molecules* [Read more »](#)
23. The coding capacity of SARS-CoV-2 *Nature* [Read more »](#)
24. A Systematic Review of Treatment and Outcomes of Pregnant Women With COVID-19—A Call for Clinical Trials *Open Forum Infect Dis* [Read more »](#)
25. Interventions for treatment of COVID-19: A living systematic review with meta-analyses and trial sequential analyses (The LIVING Project) *PLoS Med* [Read more »](#)

26. Measuring the impact of COVID-19 confinement measures on human mobility using mobile positioning data. A European regional analysis *Safety Science* [Read more »](#)
27. The emergence of SARS-CoV-2 in Europe and North America *Science* [Read more »](#)
28. SARS-CoV-2 seroprevalence and asymptomatic viral carriage in healthcare workers: a cross-sectional study *Thorax* [Read more »](#)

## **Additional Resources/Documents**

### **World Health Organization:**

- [Website on COVID-19](#)
- [COVID-2019 Situation Reports](#)
- [WHO Coronavirus Dashboard](#)
- Report: [China joint mission on Coronavirus Disease 2019 \(COVID-19\)](#)
- [Latest Publications](#)
- WHO-EUROPE – [Technical guidance on COVID-19](#)

### **European Union**

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

### **European Commission**

- [Coronavirus response](#)
- Recovery plan for Europe – [recovery plan and the multiannual financial framework for 2021-2027](#)
- EU-supported [coronavirus research and innovation](#)
- EU Science Hub – [JRC research, actions and publications](#) on COVID-19
- ECML Covid – [European Crisis Management Laboratory](#) with measures database, GitHub data repository and documents

### **EU Healthy Gateways**

- [Published guidance and reports for COVID-19](#)

### **European Medicines Agency**

- [Latest updates on COVID-19](#). Treatments and vaccines 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,
- [OSH Barometer](#): interactive tool to discover the status of OSH in Europe

### **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. Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. [Qualitative exposure assessment](#).

### **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.

### **Amnesty International** – [Analysis on mortality among health workers](#)

### **Health Technology Assessment International (HTAi)**

- [HTAi COVID-19 response](#)

### **Health Information and Quality Authority**

- [COVID-19 Publications](#)

## **COVID-19 Online Libraries and search engines**

- **Centre for Evidence-Based Medicine (CEBM):** [Oxford COVID-19 Evidence Service](#). Rapid reviews of primary care questions relating to COVID-19.
- **Cochrane:** [Special collections](#) on COVID-19.
- **CORD-19:** [COVID-19 Open Research Dataset](#) from Semantic Scholar.
- **COVID Reference International:** [The COVID Textbook](#) by Kamps, Hoffmann et al., 4<sup>th</sup> Edition
- **COAP:** [COVID-19 Open Access Project](#) from the Institute of Social and Preventive Medicine (ISPM)
- **COVID-AMR:** [Secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19](#)
- **COVID-END:** [COVID-19 Evidence Network](#) to support decision-making. [Guide to key COVID-19 evidence sources](#)
- **EMBL-EBI:** [Protein Data Bank in Europe – Knowledge Base](#): PDBe-KB COVID-19 Data Portal.
- **EPPI Centre:** [COVID-19](#): a living systematic map of the evidence.
- **Evidence Aid:** [Evidence Collection](#) on Coronavirus (COVID-19).
- **L•OVE Working Group:** [Working Group for COVID-19](#): evidence in response to COVID-19 emergency.
- **LitCovid:** [curated literature hub](#) for tracking up-to-date scientific information about COVID-19.
- **NMA initiative:** [Covid-19 – living initiative](#). Living mapping and living systematic review of Covid-19 studies.
- **theBMJ:** [Drug treatments for covid-19](#): living systematic review and network meta-analysis
- [The mini-textbook](#) by Kamps & Hoffmann 4<sup>th</sup> Edition.
- **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
- [WHO COVID-19 Database](#)
- **WHO:** [Global research on COVID-19](#). Database of publications on COVID-19.
- **Wolters Kluwer: UpToDate:** [Clinical effectiveness COVID-19 Recourses Available to All](#)