



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

Weekly Digest  
10 December 2020

## ECDC Outputs

### Publications

**Coronavirus disease 2019 (COVID-19) and supply of substances of human origin in the EU/EEA - Second update** Technical Report– 10 December [Read more »](#)

**Rapid Risk Assessment: Risk of COVID-19 transmission related to the end-of-year festive season.** Rapid Risk Assessment –04 December [Read more »](#)

**Guidelines for COVID-19 testing and quarantine of air travellers - Addendum to the Aviation Health Safety Protocol.** Technical Report– 02 December [Read more »](#)

**Overview of COVID-19 vaccination strategies and vaccine deployment plans in the EU/EEA and the UK.** Technical Report– 02 December [Read more »](#)

**Updated projections of COVID-19 in the EU/EEA and the UK.** Technical Report– 23 November [Read more »](#)

**Rapid Risk Assessment: Increase in fatal cases of COVID-19 among long-term care facility residents in the EU/EEA and the UK.** Rapid Risk Assessment – 19 November [Read more »](#)

**Options for the use of rapid antigen tests for COVID-19 in the EU/EEA and the UK.** Technical Report – 19 November 2020 [Read more »](#)

**Contact tracing: public health management of persons, including healthcare workers, who have had contact with COVID-19 cases in the European Union – third update.** Technical Report – 18 November 2020 [Read more »](#)

All ECDC publications on scientific advice on coronavirus are published [here](#).

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\*:** Includes a daily update on the number of cases and deaths and geographical distribution of 14-day notification rates for the EU/EEA and the UK. [Read more »](#)

**Daily situation update worldwide\*:** Includes a daily update on the number of cases and deaths and geographical distribution of 14-day notification rates worldwide. [Read more »](#)

**Weekly COVID-19 country overview:** Provides an overview of the evolving epidemiological situation for the EU/EEA and UK (including case/death notification rates, testing rates, test positivity, hospital and ICU occupancy/capacity per country). [Read more »](#)

**Weekly surveillance report on COVID-19:** Includes information on severity and risk groups most affected for the EU/EEA and UK, as well as 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 »](#)

**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. These maps are published every Thursday based on a number of different indicators. [Read more »](#)

**Current risk assessment on COVID-19.** From 23 October 2020. [Read more »](#)

*\*Note that ECDC will switch to a weekly reporting schedule for the COVID-19 situation worldwide and in the EU/EEA and the UK on 17 December this year. Hence, all daily updates will be discontinued from 14 December. ECDC will publish updates on the number of cases and deaths reported worldwide and aggregated by week every Thursday.*

## 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 death, 14-day case notification rates, ICU and hospital admissions/occupancy, testing rates/positivity and response measures implemented in EU/EEA countries and the UK. [Link to downloadable data»](#)

## Infographics, Videos, Webinars and more

**NEW: Infographic: Preventing COVID-19 transmission during the festive season** 04 December. [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 »](#)

## Other ECDC Outputs

**ECDC website on COVID-19 ECDC** – [Read more »](#)

**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 for SARS-CoV-2](#)
- [Immune responses and immunity to SARS-CoV-2](#)
- [Vaccines and treatment of COVID-19](#)

**Surveillance definitions for COVID-19.** High risk exposure/close contact, transmission status, death due to COVID-19. [Read more »](#)

**ECDC case definition for COVID-19.** [Read more »](#)

**Testing strategies for COVID-19** - Patients requiring diagnostic testing. [Read more »](#)

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

**Prevention and control** – how to protect yourself, monitoring of response activities, patient and case management. [Read more »](#)

**Laboratory support for COVID-19 in the EU/EEA** – Testing for SARS-CoV-2 virus, shortages, types and storage of specimens, specimen shipping etc. [Read more »](#)

**Q & A on COVID-19** – Questions and answers. [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. Rapid establishment of a national surveillance of COVID-19 hospitalizations in Belgium *Arch Public Health* [Read more »](#)
2. Association between biomarkers and COVID-19 severity and mortality: a nationwide Danish cohort study *BMJ Open* [Read more »](#)
3. A meta-analysis on the role of children in SARS-CoV-2 in household transmission clusters *Clin Infect Dis* [Read more »](#)
4. Identification of presymptomatic and asymptomatic cases using cohort-based testing approaches at a large correctional facility - Chicago, Illinois, USA, May 2020 *Clin Infect Dis* [Read more »](#)
5. Association between SARS-CoV-2 infection and Kawasaki-like multisystem inflammatory syndrome: a retrospective matched case-control study, Paris, France, April to May 2020 *Euro Surveill* [Read more »](#)
6. Increased Intensity Of PCR Testing Reduced COVID-19 Transmission Within Countries During The First Pandemic Wave. *Health Affairs*. [Read more »](#)
7. Pooled Saliva Specimens for SARS-CoV-2 Testing. *J Clin Micro* [Read more »](#)
8. Safety and efficacy of the ChAdOx1 nCoV-19 vaccine (AZD1222) against SARS-CoV-2: an interim analysis of four randomised controlled trials in Brazil, South Africa, and the UK *Lancet* [Read more »](#)
9. SARS-CoV-2 infection and transmission in educational settings: a prospective, cross-sectional analysis of infection clusters and outbreaks in England *Lancet Infect Dis* [Read more »](#)
10. Evidence of exposure to SARS-CoV-2 in cats and dogs from households in Italy *Nat Commun* [Read more »](#)
11. Longitudinal symptom dynamics of COVID-19 infection *Nat Commun* [Read more »](#)
12. Replication, pathogenicity, and transmission of SARS-CoV-2 in minks *National Science Review* [Read more »](#)
13. Repurposed Antiviral Drugs for Covid-19 - Interim WHO Solidarity Trial Results *N Engl J Med* [Read more »](#)
14. Viral RNA Shedding and Transmission Potential of Asymptomatic and Paucisymptomatic COVID-19 Patients *Open Forum Infectious Diseases* [Read more »](#)
15. Wearing a face mask against Covid-19 results in a reduction of social distancing *PLoS One* [Read more »](#)

16. COVID-19 mortality risk assessment: An international multi-center study *PLoS One* [Read more »](#)
17. Transmissibility of COVID-19 depends on the viral load around onset in adult and symptomatic patients *PLoS One* [Read more »](#)
18. Face masks considerably reduce COVID-19 cases in Germany *Proc Natl Acad Sci U S A* [Read more »](#)
19. Clinical status and lung function 10 weeks after severe SARS-CoV-2 infection *Respir Med* [Read more »](#)
20. Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome *Science Immunology* [Read more »](#)
21. Persisting Neutralizing Activity to SARS-CoV-2 over Months in Sera of COVID-19 Patients *Viruses* [Read more »](#)

## Additional Resources

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

**European Commission.** Coronavirus response. [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 Medicines Agency:** [Latest updates on COVID-19](#). Treatments and vaccines for COVID-19.

**European Maritime Safety Agency (EMSA).** COVID-19 measures. [Read more »](#)

**World Health Organization.** Coronavirus disease (COVID-19) pandemic. [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

**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](#).

## Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](#) 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.

**EPPI Centre:** [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](#). 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 »](#)

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

## Science Updates

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

**Cochrane:** [Cochrane Reviews](#) 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 >](#)

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

**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.

**LitCovid:** [curated literature hub](#) 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](#) 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

**Wolters Kluwer:** [Clinical effectiveness COVID-19 Recourses Available to All](#). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.