



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

Weekly Digest  
17 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 »](#)

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

**COVID-19 situation update for the EU/EEA and the UK:** Includes an 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 »](#)

**COVID-19 situation update worldwide:** Includes an 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 »](#)

## 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 deaths, 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

**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. COVID-19 neutralizing antibodies predict disease severity and survival *Cell* [Read more »](#)
2. Assessment of the risk of SARS-CoV-2 reinfection in an intense re-exposure setting *Clin Infect Dis* [Read more »](#)
3. A systematic review of possible airborne transmission of the COVID-19 virus (SARS-CoV-2) in the indoor air environment *Environ Res* [Read more »](#)
4. Secondary transmission of COVID-19 in preschool and school settings in northern Italy after their reopening in September 2020: a population-based study *Eurosurveillance* [Read more »](#)
5. Prevalence, Clinical characteristics, and Outcomes of Pediatric COVID-19: A systematic review and meta-analysis *J Clin Virol* [Read more »](#)
6. Asymptomatic patients as a source of transmission of COVID-19 in homeless shelters *Int J Infect Dis* [Read more »](#)
7. Subtle olfactory dysfunction after SARS-CoV-2 virus infection in children *Int J Pediatr Otorhinolaryngol* [Read more »](#)
8. Household Transmission of SARS-CoV-2: A Systematic Review and Meta-analysis *JAMA Network Open* [Read more »](#)
9. SARS-CoV-2, SARS-CoV, and MERS-CoV viral load dynamics, duration of viral shedding, and infectiousness: a systematic review and meta-analysis *The Lancet Microbe* [Read more »](#)
10. Estimated Resource Costs for Implementation of CDC's Recommended COVID-19 Mitigation Strategies in Pre-Kindergarten through Grade 12 Public Schools — United States, 2020–21 School Year *MMWR* [Read more »](#)
11. Comparative effectiveness of N95 respirators and surgical/face masks in preventing airborne infections in the era of SARS-CoV2 pandemic: A meta-analysis of randomized trials *PLoS One* [Read more »](#)
12. False-negative results of initial RT-PCR assays for COVID-19: A systematic review *PLoS One* [Read more »](#)
13. Phylogenetic analysis of SARS-CoV-2 in Boston highlights the impact of superspreading events *Science* [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 COVID-19 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.