



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

Weekly Digest
18 February 2021

ECDC Outputs

Recent publications

Behavioural Insights research to support the response to COVID-19: a survey of implementation in the EU/EEA. Technical Report – 17 February [Read more »](#)

Detection and characterisation capability and capacity for SARS-CoV-2 variants within the EU/EEA. Technical Report – 16 February [Read more »](#)

Using face masks in the community: first update - Effectiveness in reducing transmission of COVID-19. Technical Report – 15 February [Read more »](#)

Risk assessment: SARS-CoV-2 - increased circulation of variants of concern and vaccine rollout in the EU/EEA, 14th update. Risk Assessment – 14 February [Read more »](#)

European surveillance of COVID-19 in long-term care facilities in the EU/EEA: aggregate data reporting - Surveillance protocol version 1.1. Technical Report – 12 February [Read more »](#)

Infection prevention and control and preparedness for COVID-19 in healthcare settings - sixth update. Technical Report – 9 February [Read more »](#)

Stress test on logistical aspects of COVID-19 vaccination deployment plans: final report. Technical Report – 3 February [Read more »](#)

Overview of the implementation of COVID-19 vaccination strategies and vaccine deployment plans in the EU/EEA. Technical Report – 1 February [Read more »](#)

Integrated COVID-19 response in the vaccination era. Technical Report – 1 February [Read more »](#)

Monitoring COVID-19 vaccination progress across Europe. News Story – 1 February [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

Weekly COVID-19 situation update for the EU/EEA: Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates for the EU/EEA. [Read more »](#)

Weekly 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 (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, as well as information on The European Surveillance System (TESSy) data quality and descriptions about national surveillance systems. [Read more »](#)

Vaccine roll-out overview report: Provides an overview of the progress in the roll-out of COVID-19 vaccines in adults (aged 18 years and above) across EU/EEA Member States, incl. vaccine doses distributed and administered. [Read more »](#)

Situation dashboard: Interactive map with the latest available data on COVID-19 (worldwide). [Read more »](#)

The dashboard now also includes a [vaccine tracker](#).

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. These maps are published every Thursday based on a number of different indicators. [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. [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:

- [Coronaviruses](#)
- [Risk factors and risk groups](#)
- [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. Evaluation of patients with respiratory infections during the first pandemic wave in Germany: characteristics of COVID-19 versus non-COVID-19 patients *BMC Infect Dis* [Read more »](#)
2. Co-infection of SARS-COV-2 and Influenza A Virus: A Case Series and Fast Review *Curr Med Sci* [Read more »](#)
3. Novel SARS-CoV-2 Variant Identified in Travelers from Brazil to Japan *Emerg Infect Dis* [Read more »](#)
4. Second versus first wave of COVID-19 deaths: shifts in age distribution and in nursing home fatalities *Environ Res* [Read more »](#)
5. SARS-CoV-2 re-infection risk in Austria *Eur J Clin Invest* [Read more »](#)
6. Epidemiological features of coronavirus disease 2019 in children: a meta-analysis *Eur Rev Med Pharmacol Sci* [Read more »](#)
7. COVID-19 mortality in the UK Biobank cohort: revisiting and evaluating risk factors *Eur J Epidemiol* [Read more »](#)
8. Efficacy of surgical masks or cloth masks in the prevention of viral transmission: Systematic review, meta-analysis, and proposal for future trial *J Evid Based Med* [Read more »](#)
9. Saliva is a reliable and accessible source for the detection of SARS-CoV-2 *Int J Infect Dis* [Read more »](#)
10. Association of α 1-Blocker Receipt With 30-Day Mortality and Risk of Intensive Care Unit Admission Among Adults Hospitalized With Influenza or Pneumonia in Denmark *JAMA Netw Open* [Read more »](#)
11. S-variant SARS-CoV-2 lineage B.1.1.7 is associated with significantly higher viral loads in samples tested by ThermoFisher TaqPath RT-qPCR *J Infect Dis* [Read](#)

- [more »](#)
12. Structural genetics of circulating variants affecting the SARS-CoV-2 spike/human ACE2 complex *J Biomol Struct Dyn* [Read more »](#)
 13. SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic *Nat Commun* [Read more »](#)
 14. Evidence for SARS-CoV-2 related coronaviruses circulating in bats and pangolins in Southeast Asia *Nat Commun* [Read more »](#)
 15. Lasting antibody and T cell responses to SARS-CoV-2 in COVID-19 patients three months after infection *Nat Commun* [Read more »](#)
 16. Aerosol emission of adolescents voices during speaking, singing and shouting *PLoS One* [Read more »](#)
 17. Performance of SARS-CoV-2 serology tests: Are they good enough? *PLoS One* [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 Food Safety Authority (EFSA). Research Platform. [Read more »](#)

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

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

World Health Organization (WHO). 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 (FAO): Novel Coronavirus. [Read more »](#)

COVID-19 information pages of EU/EEA Member States



[Austria »](#)

[Belgium »](#)

[Bulgaria »](#)

[Croatia »](#)

[Cyprus »](#)

[Czechia »](#)



[Germany »](#)

[Greece »](#)

[Hungary »](#)

[Iceland »](#)

[Ireland »](#)

[Italy »](#)



[Malta »](#)

[Netherlands »](#)

[Norway »](#)

[Poland »](#)

[Portugal »](#)

[Romania »](#)



[Denmark »](#)

[Estonia »](#)

[Finland »](#)

[France »](#)



[Latvia »](#)

[Liechtenstein »](#)

[Lithuania »](#)

[Luxembourg »](#)



[Slovakia »](#)

[Slovenia »](#)

[Spain »](#)

[Sweden »](#)

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.](#)