



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

Weekly Digest
26 August 2020

ECDC Outputs

Publications

Population-wide testing of SARS-CoV-2: country experiences and potential approaches in the EU/EEA and the United Kingdom. Technical report – 19 August 2020. [Read more »](#)

Rapid Risk Assessment: Coronavirus disease 2019 (COVID-19) in the EU/EEA and the UK – eleventh update: resurgence of cases. Risk assessment – 10 August 2020. [Read more »](#)

COVID-19 in children and the role of school settings in COVID-19 transmission. Technical guidance – 6 August 2020. [Read more »](#)

Communicable disease threats report, 16-22 August 2020, week 34. Communicable Disease Threats Report (CDTR) – 21 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. From 21 August 2020. [Read more »](#)

Weekly surveillance report on COVID-19. From 21 August 2020. [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, Preparedness, Surveillance, Testing strategies, Laboratory support

Latest Evidence on COVID-19 – [General background of SARS-CoV-2](#), [epidemiology, transmission](#), [clinical characteristics](#), diagnostic testing and screening, immune responses and immunity, [vaccines and treatment](#). Latest update August 2020. [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 »](#)

Facts about COVID-19

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 »](#)

Event background - An overview on the origin of the cases of COVID-19 infection. [Read more »](#)

Training

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 »](#)

Important publications

Peer-reviewed and important publications

This list is based on a selection from 2036 articles published from 19 to 25 August 2020

1. Prolonged Persistence of PCR-detectable Virus During an Outbreak of SARS-CoV-2 in an Inpatient Geriatric Psychiatry Unit in King County, Washington. *Am J Infect Control* [Read more »](#)
2. The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. *BMC Med* [Read more »](#)
3. Tracking Changes in SARS-CoV-2 Spike: Evidence that D614G Increases Infectivity of the COVID-19 Virus. *Cell* [Read more »](#)
4. Association between Body Mass Index and Risk of COVID-19: A Nationwide Case-Control Study in South Korea. *Clin Infect Dis* [Read more »](#)
5. BCG vaccination in infancy does not protect against COVID-19. Evidence from a natural experiment in Sweden. *Clin Infect Dis* [Read more »](#)
6. Temporal, Spatial, and Epidemiologic Relationships of SARS-CoV-2 Gene Cycle Thresholds: A Pragmatic Ambi-directional Observation. *Clin Infect Dis* [Read more »](#)
7. COVID-19 re-infection by a phylogenetically distinct SARS-coronavirus-2 strain confirmed by whole genome sequencing. *Clin Infect Dis* [Read more »](#)
8. Epidemiological and clinical characteristics of SARS-CoV-2 infections at a testing site in Berlin, Germany, March and April 2020 – A cross-sectional study. *Clin Microbiol Infect* [Read more »](#)
9. Clinical characteristics, management and in-hospital mortality of patients with COVID-19 In Genoa, Italy. *Clin Microbiol Infect* [Read more »](#)
10. Proactive screening approach for SARS-CoV-2 among healthcare workers. *Clin Microbiol Infect* [Read more »](#)

11. Clinical course and factors associated with outcomes among 1904 patients hospitalized with COVID-19 in Germany: an observational study. *Clin Microbiol Infect* [Read more](#)
»
12. Digital contact tracing technologies in epidemics: a rapid review. *Cochrane Database of Systematic Reviews* [Read more](#)
»
13. Asymptomatic Transmission of SARS-CoV-2 on Evacuation Flight. *Emerg Infect Dis* [Read more](#)
»
14. Sentinel surveillance strategies for early detection of coronavirus disease in fever clinics : Experience from China. *Epidemiol Infect* [Read more](#)
»
15. Three infection clusters related with potential pre-symptomatic transmission of coronavirus disease (COVID-19), Shanghai, China, January to February 2020. *Eurosurveillance* [Read more](#)
»
16. Investigating and evaluating evidence of the behavioural determinants of adherence to social distancing measures - A protocol for a scoping review of COVID-19 research. *HRB Open Res* [Read more](#)
»
17. The Age-Related Risk of Severe Outcomes Due to COVID-19 Infection: A Rapid Review, Meta-Analysis, and Meta-Regression. *Int J Environ Res Public Health* [Read more](#)
»
18. Risk factors for positive and negative COVID-19 tests: a cautious and in-depth analysis of UK biobank data. *Int J Epidemiol* [Read more](#)
»
19. Clinical characteristics, prognostic factors, and maternal and neonatal outcomes of SARS-CoV-2 infection among hospitalized pregnant women: a systematic review. *Int J Gynaecol Obstet* [Read more](#)
»
20. Pooling of SARS-CoV-2 samples to increase molecular testing throughput. *J Clin Virol* [Read more](#)
»
21. COVID-19 in critically ill patients in North Brabant, the Netherlands: Patient characteristics and outcomes. *J Crit Care* [Read more](#)
»
22. Pooled Testing for SARS-CoV-2 in Hospitalized Patients. *J Hosp Med* [Read more](#)
»
23. Household transmission of COVID-19-a systematic review and meta-analysis. *J Infect* [Read more](#)
»
24. Disparities in the excess risk of mortality in the first wave of COVID-19: cross sectional study of the English sentinel network. *J Infect* [Read more](#)
»
25. Diagnostic significance of SARS-CoV-2 IgM positive/IgG negative antibody profile in symptomatic patients with suspected COVID-19 testing negative by RT-PCR. *J Infect* [Read more](#)
»
26. Positive Rate of Serology and RT-PCR for COVID-19 among Healthcare Workers during Different Periods in Wuhan, China. *J Infect* [Read more](#)
»
27. Viral dynamics of SARS-CoV-2 in saliva from infected patients. *J Infect* [Read more](#)
»
28. Saliva sample pooling for the detection of SARS-CoV-2. *J Med Virol* [Read more](#)
»
29. Asymptomatic SARS-CoV-2 infections in pregnant patients in an Italian city during complete lockdown. *J Med Virol* [Read more](#)
»
30. Live unattenuated vaccines for controlling viral diseases including COVID-19. *J Med Virol* [Read more](#)
»
31. Strategies at points of entry to reduce importation risk of COVID-19 cases and re-open travel. *J Travel Med* [Read more](#)
»
32. Effect of Remdesivir vs Standard Care on Clinical Status at 11 Days in Patients With Moderate COVID-19: A Randomized Clinical Trial. *JAMA* [Read more](#)
»
33. Epidemiology of COVID-19 Among Incarcerated Individuals and Staff in Massachusetts Jails and Prisons. *JAMA Network Open* [Read more](#)
»
34. Mass Testing for SARS-CoV-2 in 16 Prisons and Jails - Six Jurisdictions, United States, April-May 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»

35. Notes from the Field: COVID-19 Prevention Practices in State Prisons - Puerto Rico, 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
36. Is presymptomatic spread a major contributor to COVID-19 transmission? *Nat Med* [Read more](#)
»
37. Re-positive COVID-19 PCR test: could it be a reinfection? *New Microbes and New Infections* [Read more](#)
»
38. Evaluation and discussion of handmade face-masks and commercial diving-equipment as personal protection in pandemic scenarios. *PLoS One* [Read more](#)
»
39. A systematic review of trial registry entries for randomized clinical trials investigating COVID-19 medical prevention and treatment. *PLoS One* [Read more](#)
»
40. Characterizing superspreading events and age-specific infectiousness of SARS-CoV-2 transmission in Georgia, USA. *Proc Natl Acad Sci U S A* [Read more](#)
»
41. Prevalence of psychological morbidities among general population, healthcare workers and COVID-19 patients amidst the COVID-19 pandemic: A systematic review and meta-analysis. *Psychiatry Res* [Read more](#)
»
42. Genome-wide analysis of SARS-CoV-2 virus strains circulating worldwide implicates heterogeneity. *Sci Rep* [Read more](#)
»
43. Evolutionary and structural analyses of SARS-CoV-2 D614G spike protein mutation now documented worldwide. *Sci Rep* [Read more](#)
»
44. A review of newborn outcomes during the COVID-19 pandemic. *Semin Perinatol* [Read more](#)
»
45. Automated and partly automated contact tracing: a systematic review to inform the control of COVID-19. *The Lancet Digital Health* [Read more](#)
»
46. Histopathological findings and viral tropism in UK patients with severe fatal COVID-19: a post-mortem study. *The Lancet Microbe* [Read more](#)
»
47. Host Polymorphisms May Impact SARS-CoV-2 Infectivity. *Trends Genet* [Read more](#)
»
48. Longitudinal Characteristics of T Cell Responses in Asymptomatic SARS-CoV-2 Infection. *Virology* [Read more](#)
»
49. No evidence for distinct types in the evolution of SARS-CoV-2. *Virus Evol* [Read more](#)
»
50. A Comparison of Whole Genome Sequencing of SARS-CoV-2 Using Amplicon-Based Sequencing, Random Hexamers, and Bait Capture. *Viruses* [Read more](#)
»

Additional Resources/Documents

ECDC – [website on COVID-19 Threat Reports App](#)

WHO – [website on COVID-19](#)
[China joint mission on Coronavirus Disease 2019 \(COVID-19\)](#)
[COVID-2019 situation reports](#)
[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](#)

EMA – [European Medicines Agency](#)

[Latest updates on COVID-19. Treatments and vaccines for COVID-19.](#) July update

EU-OSHA – [European Agency for Safety and Health at Work](#)

[COVID-19 resources for the workplace: EU guidance, telework](#)

[OSH Barometer: interactive tool to discover the status of OSH in Europe](#)

HSRM – [COVID-19 Health System Response Monitor](#)

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 – [Latest report](#). July 2020 update

[FAO](#) – COVID-19 policy tools. Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. [Qualitative exposure assessment](#). July 2020 update

HTAi – [Health Technology Assessment International](#) – HTAi COVID-19 Response.

HIQA – [Health Information and Quality Authority](#) – COVID-19 Publications

COVID-19 Online Libraries and search engines

WHO: [Global research on COVID-19](#). Database of publications on COVID-19.

COVID Reference International: [The mini-textbook](#) by Kamps & Hoffmann 4th Edition.

LitCovid: [curated literature hub](#) for tracking up-to-date scientific information about COVID-19.

COVID-END: [COVID-19 Evidence Network](#) to support decision-making. [Guide to key COVID-19 evidence sources](#)

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

NMA initiative: [Covid-19 – living initiative](#). Living mapping and living systematic review of Covid-19 studies.

EPPI Centre: [COVID-19](#): a living systematic map of the evidence.

Cochrane: [Special collections](#) on COVID-19.

L•OVE: [Working Group for COVID-19](#): evidence in response to COVID-19 emergency.

Evidence Aid: [Evidence Collection](#) on Coronavirus (COVID-19).

UpToDate: [Clinical effectiveness COVID-19 recourses](#) available to all

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

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.

COVID-AMR: [Secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19](#)

CORD-19: [COVID-19 Open Research Dataset](#) from Semantic Scholar.