



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

Weekly Digest
12 August 2020

ECDC Outputs

Publications

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 clusters and outbreaks in occupational settings in the EU/EEA and the UK. Technical guidance – 11 August 2020. [Read more »](#)

Objectives for COVID-19 testing in school settings. Technical guidance – 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 »](#)

Infographic: COVID-19 in children and the role of schools. Infographic – 6 August 2020. [Read more »](#)

Seasonal influenza - Annual Epidemiological Report for 2019–2020. Surveillance report – 6 August 2020. [Read more »](#)

Communicable disease threats report, 2 -8 August 2020, week 32. Communicable Disease Threats Report (CDTR) – 7 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 7 August 2020. Read more »](#)

Weekly surveillance report on COVID-19. [From 7 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 30 June. [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. Last updated 29 May 2020. [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 2075 articles published from 6 to 11 August 2020

1. An overview of smell and taste problems in paediatric COVID-19 patients. *Acta Paediatr* [Read more »](#)
2. Improving Appropriate Use of Medical Masks for COVID-19 Prevention: The [Read more »](#)

- Role of Face Mask Containers. *Am J Trop Med Hyg* [»](#)
3. Use of medical face masks versus particulate respirators as a component of personal protective equipment for health care workers in the context of the COVID-19 pandemic. *Antimicrob Resist Infect Control* [Read more](#) [»](#)
 4. Clinical features and outcomes of pregnant women with COVID-19: a systematic review and meta-analysis. *BMC Infect Dis* [Read more](#) [»](#)
 5. Epidemiological and clinical features of pediatric COVID-19. *BMC Med* [Read more](#) [»](#)
 6. A checklist to improve health system resilience to infectious disease outbreaks and natural hazards. *BMJ Glob Health* [Read more](#) [»](#)
 7. Inferred duration of infectious period of SARS-CoV-2: rapid scoping review and analysis of available evidence for asymptomatic and symptomatic COVID-19 cases. *BMJ Open* [Read more](#) [»](#)
 8. Comparing nasopharyngeal swab and early morning saliva for the identification of SARS-CoV-2. *Clin Infect Dis* [Read more](#) [»](#)
 9. SARS-CoV-2 viral load in the upper respiratory tract of children and adults with early acute COVID-19. *Clin Infect Dis* [Read more](#) [»](#)
 10. Serosurveillance for SARS-CoV-2 incidence using global blood donor populations. *Clin Infect Dis* [Read more](#) [»](#)
 11. Assessment of sample pooling for SARS-CoV-2 molecular testing for screening of asymptomatic persons in Tunisia. *Diagn Microbiol Infect Dis* [Read more](#) [»](#)
 12. Potential link between compromised air quality and transmission of the novel corona virus (SARS-CoV-2) in affected areas. *Environ Res* [Read more](#) [»](#)
 13. Guillain Barré Syndrome associated with SARS-CoV-2 infection. A Systematic Review. *Eur J Neurol* [Read more](#) [»](#)
 14. Transmission Routes Analysis of SARS-CoV-2: A Systematic Review and Case Report. *Front Cell Dev Biol* [Read more](#) [»](#)
 15. Extensive Testing May Reduce COVID-19 Mortality: A Lesson From Northern Italy. *Front Med (Lausanne)* [Read more](#) [»](#)
 16. Re-Testing for SARS-CoV-2: Patterns of Testing from a Large U.S. Healthcare System. *Infect Control Hosp Epidemiol* [Read more](#) [»](#)
 17. An evaluation of COVID-19 in Italy: A data-driven modeling analysis. *Infect Dis Model* [Read more](#) [»](#)
 18. Patterns of Viral Clearance in the Natural Course of Asymptomatic Coronavirus Disease 2019 (COVID-19): Comparison with Symptomatic Nonsevere COVID-19. *Int J Infect Dis* [Read more](#) [»](#)
 19. Transmission onset distribution of COVID-19. *Int J Infect Dis* [Read more](#) [»](#)
 20. New loss of smell and taste: Uncommon symptoms in COVID-19 patients on Nord Franche-Comte cluster, France. *Int J Infect Dis* [Read more](#) [»](#)
 21. Convalescent Plasma Therapy on Patients with Severe or Life-Threatening COVID-19: A Metadata Analysis. *J Infect Dis* [Read more](#) [»](#)
 22. Evaluation of serological tests for SARS-CoV-2: Implications for serology testing in a low-prevalence setting. *J Infect Dis* [Read more](#) [»](#)
 23. SARS-CoV-2-specific antibody detection for sero-epidemiology: a multiplex analysis approach accounting for accurate seroprevalence. *J Infect Dis* [Read more](#) [»](#)
 24. Transmission dynamics of SARS-CoV-2 within families with children in Greece: a study of 23 clusters. *J Med Virol* [Read more](#) [»](#)
 25. A systematic review and meta-analysis of children with Coronavirus Disease 2019 (COVID-19). *J Med Virol* [Read more](#) [»](#)

26. Association between markers of immune response at hospital admission and COVID-19 disease severity and mortality: A meta-analysis and meta-regression. *J Med Virol* [Read more](#)
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27. Statistical issues in the development a COVID-19 prediction models. *J Med Virol* [Read more](#)
»
28. Distinguishing between COVID-19 and influenza during the early stages by measurement of peripheral blood parameters. *J Med Virol* [Read more](#)
»
29. Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with SARS-CoV-2: A Systematic Review. *J Pediatr* [Read more](#)
»
30. Clinical Course and Molecular Viral Shedding Among Asymptomatic and Symptomatic Patients With SARS-CoV-2 Infection in a Community Treatment Center in the Republic of Korea. *JAMA Intern Med* [Read more](#)
»
31. Risk of COVID-19 in health-care workers in Denmark: an observational cohort study. *Lancet Infect Dis* [Read more](#)
»
32. Molecular diagnosis of COVID-19 in different biologic matrix, their diagnostic validity and clinical relevance: A systematic review. *Life Sci* [Read more](#)
»
33. Forecasting the Spreading of COVID-19 across Nine Countries from Europe, Asia, and the American Continents Using the ARIMA Models. *Microorganisms* [Read more](#)
»
34. SARS-CoV-2 Transmission and Infection Among Attendees of an Overnight Camp - Georgia, June 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
35. COVID-19 Outbreak Among Employees at a Meat Processing Facility - South Dakota, March-April 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
36. Characteristics and Outcomes of Contacts of COVID-19 Patients Monitored Using an Automated Symptom Monitoring Tool - Maine, May-June 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
37. Notes from the Field: Characteristics of Meat Processing Facility Workers with Confirmed SARS-CoV-2 Infection - Nebraska, April-May 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
38. Modelling the impact of testing, contact tracing and household quarantine on second waves of COVID-19. *Nat Hum Behav* [Read more](#)
»
39. Using a real-world network to model localized COVID-19 control strategies. *Nat Med* [Read more](#)
»
40. An increasing public health burden arising from children infected with SARS-CoV2: a systematic review and meta-analysis. *Pediatr Pulmonol* [Read more](#)
»
41. Modeling the role of asymptomatics in infection spread with application to SARS-CoV-2. *PLoS One* [Read more](#)
»
42. At-home self-collection of saliva, oropharyngeal swabs and dried blood spots for SARS-CoV-2 diagnosis and serology: Post-collection acceptability of specimen collection process and patient confidence in specimens. *PLoS One* [Read more](#)
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43. Public perspectives on protective measures during the COVID-19 pandemic in the Netherlands, Germany and Italy: A survey study. *PLoS One* [Read more](#)
»
44. Social distancing laws cause only small losses of economic activity during the COVID-19 pandemic in Scandinavia. *Proc Natl Acad Sci U S A* [Read more](#)
»
45. Comorbidities, clinical signs and symptoms, laboratory findings, imaging features, treatment strategies, and outcomes in adult and pediatric patients with COVID-19: A systematic review and meta-analysis. *Travel Med Infect Dis* [Read more](#)
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Additional Resources/Documents

[Threat Reports App](#)

WHO – [website on COVID-19](#)

[China joint mission on Coronavirus Disease 2019 \(COVID-19\)](#)

[COVID-2019 situation reports](#)

[Emergency Global Supply Chain System \(COVID-19\) catalogue](#). Essential resource planning – 10 August 2020

[Considerations for the provision of essential oral health services in the context of COVID-19](#).

[Interim Guidance](#) – 3 August 2020

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.

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

EMBL-EBI: [Protein Data Bank in Europe – Knowledge Base](#): PDBe-KB COVID-19 Data Portal.

COVID-END: [Guide to key COVID-19 evidence sources](#).

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

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

COVID-19 Smart Search Engine: database with references selected by the WHO Global research list.