



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

Weekly Digest
19 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 clusters and outbreaks in occupational settings in the EU/EEA and the UK. Technical guidance – 11 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, 9-15 August 2020, week 33. Communicable Disease Threats Report (CDTR) – 14 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 13 August 2020. [Read more »](#)

Weekly surveillance report on COVID-19. From 14 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 1935 articles published from 12 to 18 August 2020

1. Contact Settings and Risk for Transmission in 3410 Close Contacts of Patients With COVID-19 in Guangzhou, China: A Prospective Cohort Study. *Ann Intern Med* [Read more »](#)
2. COVID-19 in children: analysis of the first pandemic peak in England. *Arch Dis Child* [Read more »](#)
3. Danish premature birth rates during the COVID-19 lockdown. *Arch Dis Child Fetal Neonatal Ed* [Read more »](#)
4. A comprehensive review of COVID-19 characteristics. *Biol Proced Online* [Read more »](#)
5. Implications of ABO blood group in hypertensive patients with covid-19. *BMC Cardiovasc Disord* [Read more »](#)

6. Psychological impact of an epidemic/pandemic on the mental health of healthcare professionals: a rapid review. *BMC Public Health* [Read more](#)
»
7. Incubation period of COVID-19: a rapid systematic review and meta-analysis of observational research. *BMJ Open* [Read more](#)
»
8. Travel restrictions and SARS-CoV-2 transmission: an effective distance approach to estimate impact. *Bull World Health Organ* [Read more](#)
»
9. Household Transmission of SARS-CoV-2 in the United States. *Clin Infect Dis* [Read more](#)
»
10. Prevalence of SARS-CoV-2 asymptomatic infections in two large academic health systems in Wisconsin. *Clin Infect Dis* [Read more](#)
»
11. Coronavirus 2019 (COVID-19) Infections Among Healthcare Workers, Los Angeles County, February - May 2020. *Clin Infect Dis* [Read more](#)
»
12. Convalescent Plasma Therapy for COVID-19: State of the Art. *Clin Microbiol Rev* [Read more](#)
»
13. Diagnostic Characteristics of Serological-Based COVID-19 Testing: A Systematic Review and Meta-Analysis. *Clinics (Sao Paulo)* [Read more](#)
»
14. Derivatization and combination therapy of current COVID-19 therapeutic agents: a review of mechanistic pathways, adverse effects, and binding sites. *Drug Discov Today* [Read more](#)
»
15. Potential Role of Social Distancing in Mitigating Spread of Coronavirus Disease, South Korea. *Emerg Infect Dis* [Read more](#)
»
16. Geographical and temporal distribution of SARS-CoV-2 clades in the WHO European Region, January to June 2020. *Eurosurveillance* [Read more](#)
»
17. Distinct Early Serological Signatures Track with SARS-CoV-2 Survival. *Immunity* [Read more](#)
»
18. Does gender influence clinical expression and disease outcomes in COVID-19? A systematic review and meta-analysis. *Int J Infect Dis* [Read more](#)
»
19. Saliva sampling for diagnosing SARS-CoV-2 infections in symptomatic patients and asymptomatic carriers. *J Clin Virol* [Read more](#)
»
20. Asymptomatic Transmission of Severe Acute Respiratory Syndrome-Coronavirus 2 within a Family Cluster of 26 Cases: Why Quarantine is Important? *J Glob Infect Dis* [Read more](#)
»
21. COVID-19 and maternal, fetal and neonatal mortality: a systematic review. *J Matern Fetal Neonatal Med* [Read more](#)
»
22. Epidemiology of COVID-19: A Systematic Review and Meta-analysis of Clinical Characteristics, Risk factors and Outcomes. *J Med Virol* [Read more](#)
»
23. Integrative Modelling of Quantitative Plasma Lipoprotein, Metabolic and Amino Acid Data Reveals a Multi-organ Pathological Signature of SARS-CoV-2 Infection. *J Proteome Res* [Read more](#)
»
24. Association Between Number of In-Person Health Care Visits and SARS-CoV-2 Infection in Obstetrical Patients *JAMA* [Read more](#)
»
25. Modeling the viral dynamics of SARS-CoV-2 infection. *Math Biosci* [Read more](#)
»
26. A review of the management and safe handling of bodies in cases involving COVID-19. *Med Sci Law* [Read more](#)
»
27. Hospitalization Rates and Characteristics of Children Aged <18 Years Hospitalized with Laboratory-Confirmed COVID-19 - COVID-NET, 14 States, March 1-July 25, 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
28. Facility-Wide Testing for SARS-CoV-2 in Nursing Homes - Seven U.S. Jurisdictions, March-June 2020. *MMWR Morb Mortal Wkly Rep* [Read more](#)
»

29. COVID-19-Associated Multisystem Inflammatory Syndrome in Children - United States, March-July 2020 *MMWR Morb Mortal Wkly Rep* [Read more](#)
»
30. Effect of Social Distancing Due to the COVID-19 Pandemic on the Incidence of Viral Respiratory Tract Infections in Children in Finland During Early 2020. *Pediatr Infect Dis* [Read more](#)
»
31. Social distancing to slow the US COVID-19 epidemic: Longitudinal pretest–posttest comparison group study. *PLoS Med* [Read more](#)
»
32. High seroprevalence for SARS-CoV-2 among household members of essential workers detected using a dried blood spot assay. *PLoS One* [Read more](#)
»
33. Molecular epidemiology of SARS CoV-2: a review of current data on genetic variability of the virus. *Pol Arch Intern Med* [Read more](#)
»
34. Universal masking during COVID-19 pandemic: Can textile engineering help public health? Narrative review of the evidence. *Prev Med* [Read more](#)
»
35. Psychological effects of the COVID 19 pandemic on healthcare workers globally: A systematic review. *Psychiatry Res* [Read more](#)
»
36. Contact Tracing: An Opportunity for Social Work to Lead. *Social Work in Public Health* [Read more](#)
»
37. Effects of a major deletion in the SARS-CoV-2 genome on the severity of infection and the inflammatory response: an observational cohort study. *The Lancet* [Read more](#)
»
38. Comparison of molecular testing strategies for COVID-19 control: a mathematical modelling study. *The Lancet Infect Dis* [Read more](#)
»
39. COVID-19 and multisystem inflammatory syndrome in children and adolescents *The Lancet Infectious Diseases* [Read more](#)
»
40. Testing wastewater to detect severe acute respiratory syndrome coronavirus 2 in communities *Trans R Soc Trop Med Hyg* [Read more](#)
»
41. Epidemiological and clinical differences of coronavirus disease 2019 patients with distinct viral exposure history *Virulence* [Read more](#)
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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](#)
[Considerations for quarantine of individuals in the context of containment for coronavirus disease \(COVID-19\). Interim Guidance – 19 August 2020](#)
[Home care for patients with suspected or confirmed COVID-19 and management of their contacts. Interim Guidance – 13 August 2020](#)
[Emergency Global Supply Chain System \(COVID-19\) catalogue](#). Essential resource planning – 14 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. [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

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