



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

Weekly Digest

2 June 2020

ECDC Outputs

Publications

Methodology for estimating point prevalence of SARS-CoV-2 infection by pooled RT-PCR testing Technical report – 28 May 2020. [Read more »](#)

Surveillance of COVID-19 at long-term care facilities in the EU/EEA. Technical report 19 May 2020. [Read more »](#)

Weekly COVID-19 surveillance report. Epidemiological update – 2 June 2020. [Read more »](#)

Communicable disease threats report, 24-30 May 2020, week 22. Publication – 29 May 2020. [Read more »](#)

ECDC has a dedicated page with all scientific advice publications. [Read more »](#)

Daily situation updates on COVID-19

Situation update for the EU/EEA and the UK. [Read more »](#)

Situation worldwide. [Read more »](#)

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

Data on the geographic distribution of COVID-19 cases worldwide: downloadable data file updated daily and contains the latest available public data on COVID-19. [Read more »](#)

Preparedness, Surveillance, Testing strategies, Laboratory support and Data collection

Preparedness for COVID-19 – Publications and guidance for preparedness planning. Last publication: *Infection prevention and control and preparedness for COVID-19 in healthcare settings - third update*. 13 May 2020 [Read more »](#)

EU level surveillance of COVID19 – For [EU level surveillance](#), ECDC requests EU/EEA countries and the UK to report laboratory-confirmed cases of COVID-19 within 24 hours after identification through the Early Warning and Response System ([EWRS](#)). Case reporting forms will be collected using The European Surveillance System - [TESSy](#).

Reporting protocol for COVID-19 – Reporting protocol 20 May 2020. [Read more »](#)

Testing strategies - Patients requiring diagnostic testing (not to be reported at the European level). Last updated 29 May 2020. [Read more »](#)

Laboratory support – Laboratory support by specialized laboratories in the EU/EEA. [Read more »](#)

Data collection – How ECDC collects and processes COVID-19 data. [Read more »](#)

Facts about novel coronavirus

Q & A on COVID-19 – Questions and answers. [Read more »](#)

Infographics and leaflets – Infographics , leaflets and posters on COVID-19. Latest Infographic: COVID-19 - Plan your journey. [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 »](#)

Disease background of COVID-19 – Summary of latest evidence on different aspects of the COVID-19 disease with references.. [Read more »](#)

Event background - An overview on the origin of the cases of COVID-19 infection. Last updated 23 May 2020. [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. ECDC is now offering a series of micro learning activities related to COVID-19. The e-learning activities are available in the ECDC Virtual Academy (EVA). EVA provides access to training in the domain of Disease Prevention & Control, in order to strengthen capacity of European Union and its Member States. Event E-learning course. 20 Feb 2020 - 31 Dec 2020. [Read more »](#)

Important publications

Peer-reviewed and important publications

Since last weekly digest, there have been 1900 new publications. Here a selection of those publications.

1. **The impact of novel coronavirus SARS-CoV-2 among healthcare workers in hospitals: An aerial overview.** Am J Infect Control [Read more »](#)
2. **Hydroxychloroquine or Chloroquine for Treatment or Prophylaxis of COVID-19: A Living Systematic Review.** Ann Intern Med [Read more »](#)
3. **Evaluation of the potential incidence of COVID-19 and effectiveness of containment measures in Spain: a data-driven approach.** BMC Med [Read more »](#)
4. **Molecular, serological, and biochemical diagnosis and monitoring of COVID-19: IFCC taskforce evaluation of the latest evidence.** Clin Chem Lab Med [Read more »](#)

5. **Asymptomatic transmission during the COVID-19 pandemic and implications for public health strategies.** Clin Infect Dis [Read more »](#)
6. **Maximum Daily Temperature, Precipitation, Ultra-Violet Light and Rates of Transmission of SARS-Cov-2 in the United States.** Clin Infect Dis [Read more »](#)
7. **COVID-19: Possible reasons for the increased prevalence of Olfactory and Gustatory dysfunction observed in European studies.** Clin Infect Dis [Read more »](#)
8. **Review of trials currently testing treatment and prevention of COVID-19.** Clin Microbiol Infect [Read more »](#)
9. **SARS-CoV-2, bacterial co-infections, and AMR: the deadly trio in COVID-19?** EMBO Mol Med [Read more »](#)
10. **Evaluation of World Health Organization-Recommended Hand Hygiene Formulations.** Emerg Infect Dis [Read more »](#)
11. **No evidence of secondary transmission of COVID-19 from children attending school in Ireland, 2020.** [Read more »](#)
12. **Changes in Provision of Psychotherapy in the Early Weeks of the COVID-19 Lockdown in Austria.** Int J Environ Res Public Health [Read more »](#)
13. **The Exponential Phase of the Covid-19 Pandemic in Central Italy: An Integrated Care Pathway.** Int J Environ Res Public Health [Read more »](#)
14. **Prioritizing and Analyzing the Role of Climate and Urban Parameters in the Confirmed Cases of COVID-19 Based on Artificial Intelligence Applications.** Int J Environ Res Public Health [Read more »](#)
15. **Co-infections in people with COVID-19: a systematic review and meta-analysis.** J Infect [Read more »](#)
16. **Modelling SARS-COV2 Spread in London: Approaches to Lift the Lockdown.** J Infect [Read more »](#)
17. **Higher prevalence of asymptomatic or mild COVID-19 in children, claims and clues.** J Med Virol [Read more »](#)
18. **Estimation of the basic reproduction number, average incubation time, asymptomatic infection rate, and case fatality rate for COVID-19: Meta-analysis and sensitivity analysis.** J Med Virol [Read more »](#)
19. **The Novel Coronavirus SARS-CoV-2: From a Zoonotic Infection to Coronavirus Disease-19 (COVID19).** Microbiology Australia [Read more »](#)
20. **Association of Stay-at-Home Orders With COVID-19 Hospitalizations in 4 States.** JAMA [Read more »](#)
21. **Mental Health Outcomes Among Frontline and Second-Line Health Care Workers During the Coronavirus Disease 2019 (COVID-19) Pandemic in Italy.** JAMA [Read more »](#)
22. **Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis.** The Lancet [Read more »](#)
23. **COVID-19: PCR screening of asymptomatic health-care workers at London hospital.** The Lancet [Read more »](#)
24. **An integrated national scale SARS-CoV-2 genomic surveillance network.** The Lancet Microbe [Read more »](#)
25. **Rethinking the role of the school after COVID-19.** The Lancet Public Health [Read more »](#)

26. **Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study.** *The Lancet Public Health* [Read more »](#)
27. **Small droplet aerosols in poorly ventilated spaces and SARS-CoV-2 transmission.** *The Lancet Respiratory Medicine* [Read more »](#)
28. **Remdesivir for 5 or 10 Days in Patients with Severe Covid-19.** *N Engl J Med* [Read more »](#)
29. **Long-Term Care Policy after Covid-19 - Solving the Nursing Home Crisis.** *N Engl J Med* [Read more »](#)
30. **Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients.** *Nature Communications* [Read more »](#)
31. **Kawasaki disease linked to COVID-19 in children.** *Nat Rev Immunol* [Read more »](#)
32. **Covid-19 and Kawasaki Disease: An Etiology or Coincidental Infection?** *Pediatr Infect Dis J* [Read more »](#)
33. **COVID-19 and newborn health: systematic review.** *Rev Panam Salud Publica* [Read more »](#)
34. **First detection of SARS-CoV-2 in untreated wastewaters in Italy.** *Sci Total Environ* [Read more »](#)
35. **COVID-19 lockdown measures reveal human impact on water transparency in the Venice Lagoon.** *Sci Total Environ* [Read more »](#)
36. **Reducing transmission of SARS-CoV-2.** *Science* [Read more »](#)
37. **Assessing the impact of non-pharmaceutical interventions on SARS-CoV-2 transmission in Switzerland.** *Swiss Med Wkly* [Read more »](#)
38. **Efficacy of face mask in preventing respiratory virus transmission: A systematic review and meta-analysis.** *Travel Med Infect Dis* [Read more »](#)
39. **New insights into the evolutionary features of viral overlapping genes by discriminant analysis.** *Virology* [Read more »](#)
40. **Challenges in Laboratory Diagnosis of the Novel Coronavirus SARS-CoV-2** [Read more »](#)

Additional Resources/Documents

ECDC – [website on COVID-19](#)

ECDC – [Threat Reports App](#)

WHO – [website with information and guidance on COVID-19](#)

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

WHO – [COVID-2019 Situation reports](#)

UNICEF - [Coronavirus Disease \(COVID-19\) Information Centre](#)

European Commission – [Coronavirus response](#)

EU Healthy Gateways – Preparedness and response for Points of Entry and transport operators.
[Published guidance and reports for COVID-19](#)

United Nations – [COVID-19 response: How Covid-19 is changing the world: a statistical perspective](#)

COVID-19 Online Libraries and search engines

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

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

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

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).

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.