



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

Weekly Digest
17 June 2020

ECDC Outputs

Publications

Monitoring and evaluation framework for COVID-19 response activities in the EU/EEA and the UK. Technical report – 17 June 2020. [Read more »](#)

Guidance on infection prevention and control of COVID-19 in migrant and refugee reception and detention centres in the EU/EEA and the UK. Technical report – 15 June 2020. [Read more »](#)

Rapid Risk Assessment: Coronavirus disease 2019 (COVID-19) in the EU/EEA and the UK – tenth update Risk Assessment – 11 June 2020. [Read more »](#)

Infographics:

COVID-19 in reception and detention centres for migrants and refugees. 17 June 2020. [Read more »](#)

Infection prevention and control in primary care. 15 June 2020. [Read more »](#)

Video on COVID-19: Mobile app contact tracing. Video – 15 June 2020. [Read more »](#)

Communicable disease threats report, 7-13 June 2020, week 24
Publication – 12 June 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

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 »](#)

14-day incidence of reported COVID-19. [Read more »](#)

Weekly surveillance report 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 »](#)

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

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 11 June. [Read more »](#)

Preparedness for COVID-19 – Publications and guidance for preparedness planning. [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](#).

Case definition for coronavirus disease 2019 (COVID-19), as of 29 May 2020. [Read more »](#)

Surveillance definitions for COVID-19. Last updated 29 May. [Read more »](#)

Surveillance and study protocols. [Read more »](#)

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

Q & A regarding laboratory topics on SARS-CoV-2. Last updated 25 May 2020. [Read more »](#)

Testing strategies - Patients requiring diagnostic testing. Last updated 29 May 2020. [Read more »](#)

Data collection – How ECDC collects and processes COVID-19 data. [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. 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**. 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 1688 new publications. Here a selection of those publications.

1. Paediatric multisystem inflammatory syndrome temporally associated with SARS-CoV-2 mimicking Kawasaki disease (Kawa-COVID-19): a multicentre cohort. *Annals of the Rheumatic Diseases* [Read more »](#)
2. Maternal transmission of SARS-COV-2 to the neonate, and possible routes for such transmission: A systematic review and critical analysis. *BJOG* [Read more »](#)
3. Covid-19: People in most deprived areas of England and Wales twice as likely to die. *BMJ* [Read more »](#)
4. SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. *Cell* [Read more »](#)
5. Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. *Cell* [Read more »](#)
6. Structural and Biochemical Characterization of the nsp12-nsp7-nsp8 Core Polymerase Complex from SARS-CoV-2. *Cell Reports* [Read more »](#)
7. Early predictors of clinical outcomes of COVID-19 outbreak in Milan, Italy. *Clinical Immunology* [Read more »](#)
8. Estimated Use of Intensive Care Beds Due to COVID-19 in Germany Over Time. *Dtsch Arztebl Int* [Read more »](#)
9. Genetic cluster analysis of SARS-CoV-2 and the identification of those responsible for the major outbreaks in various countries. *Emerging Microbes & Infections* [Read more »](#)
10. Measuring the effectiveness of an automated text messaging active surveillance system for COVID-19 in the south of Ireland, March to April 2020. *Eurosurveillance* [Read more »](#)
11. SARS-CoV-2 infection in farmed minks, the Netherlands, April and May 2020. *Eurosurveillance* [Read more »](#)
12. Meta-analysis of diagnostic performance of serological tests for SARS-CoV-2 antibodies up to 25 April 2020 and public health implications. *Eurosurveillance* [Read more »](#)
13. Descriptive study of COVID-19 outbreak among passengers and crew on Diamond Princess cruise ship, Yokohama Port, Japan, 20 January to 9 February 2020. *Eurosurveillance* [Read more »](#)
14. The effect of social distance measures on COVID-19 epidemics in Europe: an interrupted time series analysis. *GeroScience* [Read more »](#)
15. Rapid review of protective measures for vulnerable people. *HIQA* [Read more »](#)
16. Rapid review of public health guidance for residential care. *HIQA* [Read more »](#)
17. Review of restrictive public policy measures to limit COVID-19. *HIQA* [Read more »](#)
18. Estimating the undetected infections in the Covid-19 outbreak by harnessing capture-recapture methods. *International Journal of Infectious Diseases* [Read more »](#)

19. Large-scale National Screening for COVID-19 in China. *Journal of Medical Virology* [Read more »](#)
20. Hospital-Wide SARS-CoV-2 Antibody Screening in 3056 Staff in a Tertiary Center in Belgium. *JAMA* [Read more »](#)
21. Prevalence of Gastrointestinal Symptoms and Fecal Viral Shedding in Patients With Coronavirus Disease 2019: A Systematic Review and Meta-analysis. *JAMA* [Read more »](#)
22. Temperature, Humidity, and Latitude Analysis to Estimate Potential Spread and Seasonality of Coronavirus Disease 2019 (COVID-19). *JAMA* [Read more »](#)
23. Knowledge and Practices Regarding Safe Household Cleaning and Disinfection for COVID-19 Prevention - United States, May 2020. *MMWR Morb Mortal Wkly Rep* [Read more »](#)
24. First Reported Cases of SARS-CoV-2 Infection in Companion Animals - New York, March-April 2020. *MMWR Morb Mortal Wkly Rep* [Read more »](#)
25. Public Attitudes, Behaviors, and Beliefs Related to COVID-19, Stay-at-Home Orders, Nonessential Business Closures, and Public Health Guidance — United States, New York City, and Los Angeles, May 5–12, 2020. *MMWR Morb Mortal Wkly Rep* [Read more »](#)
26. Genomic search for COVID-19 severity clues. *Nature Biotechnology* [Read more »](#)
27. Molecular structure analyses suggest strategies to therapeutically target SARS-CoV-2. *Nature Communications* [Read more »](#)
28. The 2020 coronavirus lockdown and seismic monitoring of anthropic activities in Northern Italy. *Nature Scientific Reports* [Read more »](#)
29. Paediatric Inflammatory Multisystem Syndrome: Temporally Associated with SARS-CoV-2 (PIMS-TS): Cardiac Features, Management and Short-Term Outcomes at a UK Tertiary Paediatric Hospital. *Pediatric Cardiology* [Read more »](#)
30. Identifying airborne transmission as the dominant route for the spread of COVID-19. *PNAS* [Read more »](#)
31. Genomic determinants of pathogenicity in SARS-CoV-2 and other human coronaviruses. *PNAS* [Read more »](#)
32. The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. *Science* [Read more »](#)
33. Antibody cocktail to SARS-CoV-2 spike protein prevents rapid mutational escape seen with individual antibodies. *Science* [Read more »](#)
34. England and Wales see 20 000 excess deaths in care homes. *The Lancet* [Read more »](#)
35. Have deaths from COVID-19 in Europe plateaued due to herd immunity? Seroprevalence of anti-SARS-CoV-2 IgG antibodies in Geneva, Switzerland (SEROCoV-POP): a population-based study. *The Lancet* [Read more »](#)
36. Geospatial digital monitoring of COVID-19 cases at high spatiotemporal resolution. *The Lancet Digital Health* [Read more »](#)
37. The effects of physical distancing on population mobility during the COVID-19 pandemic in the UK. *The Lancet Digital Health* [Read more »](#)
38. Pooling of samples for testing for SARS-CoV-2 in asymptomatic people. *The Lancet Infectious Diseases* [Read more »](#)
39. Effectiveness of isolation, testing, contact tracing, and physical distancing on reducing transmission of SARS-CoV-2 in different settings: a mathematical modelling study. *The Lancet Infectious Diseases* [Read more »](#)
40. Systematic SARS-CoV-2 screening in cerebrospinal fluid during the COVID-19 pandemic. *The Lancet Microbe* [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](#)

Communication on the [EU Strategy for COVID-19 vaccines](#) – 17 June

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.

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.

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).

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.