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

Weekly Digest
26 August 2020

ECDC Outputs

Publications


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 »
COVID-19 data: Download today’s data, data collection, sources (Worldwide, EU/EEA and UK regional data) and interpretation of data. Read more »

Latest evidence, Preparedness, Surveillance, Testing strategies, Laboratory support


Prevention and control – measures, monitoring of response activities, patient and case management. Read more »
EU level surveillance of COVID-19 - 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 »


🌐 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


7. COVID-19 re-infection by a phylogenetically distinct SARS-coronavirus-2 strain confirmed by whole genome sequencing. Clin Infect Dis

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

9. Clinical characteristics, management and in-hospital mortality of patients with COVID-19 in Genoa, Italy. Clin Microbiol Infect


12. Digital contact tracing technologies in epidemics: a rapid review. Cochrane Database of Systematic Reviews


15. Three infection clusters related with potential pre-symptomatic transmission of coronavirus disease (COVID-19), Shanghai, China, January to February 2020. Eurosurveillance


18. Risk factors for positive and negative COVID-19 tests: a cautious and in-depth analysis of UK biobank data. Int J Epidemiol


20. Pooling of SARS-CoV-2 samples to increase molecular testing throughput. J Clin Virol

21. COVID-19 in critically ill patients in North Brabant, the Netherlands: Patient characteristics and outcomes. J Crit Care


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


27. Viral dynamics of SARS-CoV-2 in saliva from infected patients. J Infect


31. Strategies at points of entry to reduce importation risk of COVID-19 cases and re-open travel. J Travel Med

32. Effect of Remdesivir vs Standard Care on Clinical Status at 11 Days in Patients With Moderate COVID-19: A Randomized Clinical Trial. JAMA

33. Epidemiology of COVID-19 Among Incarcerated Individuals and Staff in Massachusetts Jails and Prisons. JAMA Network Open


36. Is presymptomatic spread a major contributor to COVID-19 transmission? Nat Med

37. Re-positive COVID-19 PCR test: could it be a reinfection? New Microbes and New Infections

38. Evaluation and discussion of handmade face-masks and commercial diving equipment as personal protection in pandemic scenarios. PLoS One


40. Characterizing superspreading events and age-specific infectiousness of SARS-CoV-2 transmission in Georgia, USA. Proc Natl Acad Sci U S A


42. Genome-wide analysis of SARS-CoV-2 virus strains circulating worldwide implicates heterogeneity. Sci Rep

43. Evolutionary and structural analyses of SARS-CoV-2 D614G spike protein mutation now documented worldwide. Sci Rep

44. A review of newborn outcomes during the COVID-19 pandemic. Semin Perinatol

45. Automated and partly automated contact tracing: a systematic review to inform the control of COVID-19. The Lancet Digital Health

46. Histopathological findings and viral tropism in UK patients with severe fatal COVID-19: a post-mortem study. The Lancet Microbe

47. Host Polymorphisms May Impact SARS-CoV-2 Infectivity. Trends Genet

48. Longitudinal Characteristics of T Cell Responses in Asymptomatic SARS-CoV-2 Infection. Virol Sin

49. No evidence for distinct types in the evolution of SARS-CoV-2. Virus Evol

50. A Comparison of Whole Genome Sequencing of SARS-CoV-2 Using Amplicon-Based Sequencing, Random Hexamers, and Bait Capture. Viruses

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
FAQ – 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


HIQA – Health Information and Quality Authority – COVID-19 Publications

COVID-19 Online Libraries and search engines
LitCovid: curated literature hub for tracking up-to-date scientific information about COVID-19.
EPPI Centre: COVID-19: a living systematic map of the evidence.
Cochrane: Special collections on COVID-19.
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)
COVID-AMR: Secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19