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 »


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


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 »


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.

| 7. | COVID-19: Possible reasons for the increased prevalence of Olfactory and Gustatory dysfunction observed in European studies. Clin Infect Dis |
| 10. | Evaluation of World Health Organization-Recommended Hand Hygiene Formulations. Emerg Infect Dis |
| 21. | Mental Health Outcomes Among Frontline and Second-Line Health Care Workers During the Coronavirus Disease 2019 (COVID-19) Pandemic in Italy. JAMA |
| 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 |
| 25. | Rethinking the role of the school after COVID-19. The Lancet Public Health |
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
27. Small droplet aerosols in poorly ventilated spaces and SARS-CoV-2 transmission. The Lancet Respiratory Medicine
30. Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. Nature Communications
33. COVID-19 and newborn health: systematic review. Rev Panam Salud Publica
34. First detection of SARS-CoV-2 in untreated wastewaters in Italy. Sci Total Environ
35. COVID-19 lockdown measures reveal human impact on water transparency in the Venice Lagoon. Sci Total Environ
37. Assessing the impact of non-pharmaceutical interventions on SARS-CoV-2 transmission in Switzerland. Swiss Med Wkly
38. Efficacy of face mask in preventing respiratory virus transmission: A systematic review and meta-analysis. Travel Med Infect Dis
39. New insights into the evolutionary features of viral overlapping genes by discriminant analysis. Virology
40. Challenges in Laboratory Diagnosis of the Novel Coronavirus SARS-CoV-2

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


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).


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.