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

Weekly Digest
17 June 2020

ECDC Outputs

Publications


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 »


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

Important publications

Peer-reviewed and important publications

Since last weekly digest, there have been 1688 new publications. Here a selection of those publications.

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 »
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 »
19. Large-scale National Screening for COVID-19 in China. *Journal of Medical Virology*  
20. Hospital-Wide SARS-CoV-2 Antibody Screening in 3056 Staff in a Tertiary Center in Belgium. *JAMA*  
27. Molecular structure analyses suggest strategies to therapeutically target SARS-CoV-2. *Nature Communications*  
28. The 2020 coronavirus lockdown and seismic monitoring of anthropic activities in Northern Italy. *Nature Scientific Reports*  
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*  
30. Identifying airborne transmission as the dominant route for the spread of COVID-19. *PNAS*  
31. Genomic determinants of pathogenicity in SARS-CoV-2 and other human coronaviruses. *PNAS*  
32. The impact of COVID-19 and strategies for mitigation and suppression in low- and middle-income countries. *Science*  
33. Antibody cocktail to SARS-CoV-2 spike protein prevents rapid mutational escape seen with individual antibodies. *Science*  
34. England and Wales see 20 000 excess deaths in care homes. *The Lancet*  
36. Geospatial digital monitoring of COVID-19 cases at high spatiotemporal resolution. *The Lancet Digital Health*  
37. The effects of physical distancing on population mobility during the COVID-19 pandemic in the UK. *The Lancet Digital Health*  
38. Pooling of samples for testing for SARS-CoV-2 in asymptomatic people. *The Lancet Infectious Diseases*  
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*  
**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](#)


**COVID-19 Online Libraries and search engines**


**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.


**EPI Centre**: [COVID-19](#): a living systematic map of the evidence.

**Cochrane**: [Special collections](#) on COVID-19.


**Evidence Aid**: [Evidence Collection](#) on Coronavirus (COVID-19).

**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

COVID-19  Smart Search Engine:  database with references selected by the WHO Global research list.