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

Weekly Digest
01 October 2020

ECDC Outputs

Publications


Guidelines for the implementation of non-pharmaceutical interventions against COVID-19. Technical Report – 24 September Read more »

ECDC launches new COVID-19 situation dashboard. News Story – 23 September Read more »

Reinfection with SARS-CoV-2: considerations for public health response. Threat Assessment Brief– 21 September Read more »


COVID-19 testing strategies and objectives. Technical report – 18 September. 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

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 on the evolving epidemiological situation for the EU/EEA and UK. Read more »

Weekly surveillance report on COVID-19. Read more »

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


Latest evidence on COVID-19 and other Information on
Preparedness, Surveillance, Testing strategies & Laboratory support

Latest Evidence on COVID-19 - Find the latest evidence on:

- SARS-CoV-2
- Epidemiology of COVID-19
- Transmission of COVID-19
- COVID-19 Infection
- Clinical characteristics of COVID-19
- Diagnostic testing and screening
- Immune responses and immunity to SARS-CoV-2
- Vaccines and treatment of COVID-19

Prevention and control – measures, monitoring of response activities, patient and case management. Read more »

EU level surveillance of COVID19 - 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 »

Other ECDC Outputs

ECDC website on COVID-19 ECDC – Read more »

ECDC Threat Reports App - The ECDC Threat Reports app is a free and open access software that gives you direct access to key updates and rapid risk assessments on communicable disease threats of concern to the EU on your mobile device. Read more »

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 »

ECDC Virtual Academy (EVA) – COVID-19 Micro learning for public health professionals. Read more »


Recent peer-reviewed publications

Disclaimer: In view of the large number of COVID-19 related publications, this list is compiled based on a rapid review of titles and abstracts and subjective selection of peer-reviewed articles published between 24 and 30 September 2020, and does not include an qualitative assessment or critical appraisal of the evidence.
1. Asymptomatic carriage rates and case-fatality of SARS-CoV-2 infection in residents and staff in Irish nursing homes Age Ageing Read more
2. Highlighted prospects of an IgM/IgG antibodies test in identifying individuals with asymptomatic SARS CoV-2 infection Arch Pathol Lab Med Read more
3. The role of the healthcare surface environment in SARS-CoV-2 transmission and potential control measures (accepted manuscript) Clin Infect Dis Read more
4. Thoracic imaging tests for the diagnosis of COVID-19 Cochrane Database of Syst Rev Read more
5. COVID-19 in the Pediatric Population-Review and Current Evidence Curr Infect Dis Rep Read more
8. The Immune Response and Immunopathology of COVID-19 Front Immunol Read more
9. Early Hydroxychloroquine but not Chloroquine use reduces ICU admission in COVID-19 patients Int J Infect Dis Read more
10. A systematic review and meta-analysis of published research data on COVID-19 infection-fatality rates Int J Infect Dis Read more
11. Use of hydroxychloroquine and chloroquine in COVID-19: How good is the quality of randomized controlled trials? Int J Infect Dis Read more
12. Susceptibility to SARS-CoV-2 Infection Among Children and Adolescents Compared With Adults: A Systematic Review and Meta-analysis JAMA Pediatr Read more
13. Efficacy and Safety of Hydroxychloroquine vs Placebo for Pre-exposure SARS-CoV-2 Prophylaxis Among Health Care Workers: A Randomized Clinical Trial JAMA Intern Med Read more
14. Lessons learnt from easing COVID-19 restrictions: an analysis of countries and regions in Asia Pacific and Europe Lancet Read more
15. SARS-CoV-2 vaccines in development Nature Read more
16. Systematic Review and Meta-analysis of Smell and Taste Disorders in COVID-19 OTO Open Read more
17. COVID-19 in children: what did we learn from the first wave? Paediatr Child Health (Oxford) Read more
18. Pregnancy and COVID-19 Physiol Rev Read more
19. Immune response following infection with SARS-CoV-2 and other coronaviruses: A rapid review Rev Med Virol Read more

Additional Resources/Documents

Data on COVID-19

World Health Organization:
- Website on COVID-19
- COVID-2019 Situation Reports
WHO Coronavirus Dashboard

**European Commission:** European Crisis Management Laboratory with measures database, GitHub data repository and documents

**COVID-19 response activities**

**European Union:** Re-open EU: interactive tool with country information for travel and transportation

**European Commission:**
- Coronavirus response
- EU Science Hub – JRC research, actions and publications on COVID-19
- Recovery plan for Europe – recovery plan and the multiannual financial framework for 2021-2027
- EU-supported coronavirus research and innovation

**Health Systems Response Monitor:** COVID-19 Health System Response Monitor designed in response to the COVID-19 outbreak to collect and organize up-to-date information on how countries are responding to the crisis

**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
- OCHA — Global Humanitarian Response Plan COVID-19
- FAO — COVID-19 policy tools.

**Health Technology Assessment International (HTAi):** HTAi COVID-19 response: A series of webinars is ongoing and available open access; a collation of online resources is publicly available.

**Guidance and reports**

**Amnesty International:** Analysis on mortality among health workers

**EU Healthy Gateways:** Published guidance and reports for COVID-19

**European Agency for Safety and Health at Work:** COVID-19 resources for the workplace: EU guidance, telework, resources from EU and international organisations


**Food and Agriculture Organization of the UN:** Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. Qualitative exposure assessment.

**World Health Organization:**
- Report: China joint mission on Coronavirus Disease 2019 (COVID-19)
- Latest Publications
- WHO-EUROPE — Technical guidance on COVID-19
Evidence Summaries and Science Updates

Cochrane: Cochrane Reviews and related content from the Cochrane Library relating to the COVID-19 pandemic.


EPPi Centre: COVID-19: a living systematic map of the evidence.

Evidence Aid: Evidence Collection on Coronavirus (COVID-19). This evidence collection contains plain-language summaries of high-quality research which are available in English, and translated into French, Spanish, Portuguese, Arabic and Chinese (simplified and traditional).

Health Information and Quality Authority: COVID-19 Publications: Clinical evidence summaries and rapid reviews on various different topics.

US Centers for Disease Control and Prevention: COVID-19 Science Updates providing brief summaries of new COVID-19-related studies on many topics, including epidemiology, clinical treatment and management, laboratory science, and modeling. The summaries are released every Tuesday and Friday.


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

Wolters Kluwer: UpToDate: Clinical effectiveness COVID-19 Recourses Available to All

COVID-19 search engines and databases


COAP: COVID-19 Open Access Project from the Institute of Social and Preventive Medicine (ISPM)


LitCovid: curated literature hub for tracking up-to-date scientific information about COVID-19.