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

Weekly Digest
12 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 7 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

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 30 June. Read more »
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. Last updated 29 May 2020. 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 2075 articles published from 6 to 11 August 2020

1. An overview of smell and taste problems in paediatric COVID-19 patients. Acta Paediatr Read more »
2. Improving Appropriate Use of Medical Masks for COVID-19 Prevention: The Read more »
Role of Face Mask Containers. Am J Trop Med Hyg


4. Clinical features and outcomes of pregnant women with COVID-19: a systematic review and meta-analysis. BMC Infect Dis


6. A checklist to improve health system resilience to infectious disease outbreaks and natural hazards. BMJ Glob Health

7. Inferred duration of infectious period of SARS-CoV-2: rapid scoping review and analysis of available evidence for asymptomatic and symptomatic COVID-19 cases. BMJ Open


10. Serosurveillance for SARS-CoV-2 incidence using global blood donor populations. Clin Infect Dis

11. Assessment of sample pooling for SARS-CoV-2 molecular testing for screening of asymptomatic persons in Tunisia. Diagn Microbiol Infect Dis

12. Potential link between compromised air quality and transmission of the novel corona virus (SARS-CoV-2) in affected areas. Environ Res


15. Extensive Testing May Reduce COVID-19 Mortality: A Lesson From Northern Italy. Front Med (Lausanne)


<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Journal/Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.</td>
<td>Clinical Course and Molecular Viral Shedding Among Asymptomatic and Symptomatic Patients With SARS-CoV-2 Infection in a Community Treatment Center in the Republic of Korea. JAMA Intern Med</td>
<td>Read more</td>
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<tr>
<td>32.</td>
<td>Molecular diagnosis of COVID-19 in different biologic matrix, their diagnostic validity and clinical relevance: A systematic review. Life Sci</td>
<td>Read more</td>
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<tr>
<td>33.</td>
<td>Forecasting the Spreading of COVID-19 across Nine Countries from Europe, Asia, and the American Continents Using the ARIMA Models. Microorganisms</td>
<td>Read more</td>
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<td>34.</td>
<td>SARS-CoV-2 Transmission and Infection Among Attendees of an Overnight Camp - Georgia, June 2020. MMWR Morb Mortal Wkly Rep</td>
<td>Read more</td>
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<tr>
<td>35.</td>
<td>COVID-19 Outbreak Among Employees at a Meat Processing Facility - South Dakota, March-April 2020. MMWR Morb Mortal Wkly Rep</td>
<td>Read more</td>
</tr>
<tr>
<td>37.</td>
<td>Notes from the Field: Characteristics of Meat Processing Facility Workers with Confirmed SARS-CoV-2 Infection - Nebraska, April-May 2020. MMWR Morb Mortal Wkly Rep</td>
<td>Read more</td>
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<tr>
<td>38.</td>
<td>Modelling the impact of testing, contact tracing and household quarantine on second waves of COVID-19. Nat Hum Behav</td>
<td>Read more</td>
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<tr>
<td>40.</td>
<td>An increasing public health burden arising from children infected with SARS-CoV2: a systematic review and meta-analysis. Pediatr Pulmonol</td>
<td>Read more</td>
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<tr>
<td>41.</td>
<td>Modeling the role of asymptomatics in infection spread with application to SARS-CoV-2. PLoS One</td>
<td>Read more</td>
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<td>42.</td>
<td>At-home self-collection of saliva, oropharyngeal swabs and dried blood spots for SARS-CoV-2 diagnosis and serology: Post-collection acceptability of specimen collection process and patient confidence in specimens. PLoS One</td>
<td>Read more</td>
</tr>
<tr>
<td>43.</td>
<td>Public perspectives on protective measures during the COVID-19 pandemic in the Netherlands, Germany and Italy: A survey study. PLoS One</td>
<td>Read more</td>
</tr>
<tr>
<td>44.</td>
<td>Social distancing laws cause only small losses of economic activity during the COVID-19 pandemic in Scandinavia. Proc Natl Acad Sci U S A</td>
<td>Read more</td>
</tr>
<tr>
<td>45.</td>
<td>Comorbidities, clinical signs and symptoms, laboratory findings, imaging features, treatment strategies, and outcomes in adult and pediatric patients with COVID-19: A systematic review and meta-analysis. Travel Med Infect Dis</td>
<td>Read more</td>
</tr>
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**Additional Resources/Documents**

Threat Reports App

WHO – website on COVID-19
China joint mission on Coronavirus Disease 2019 (COVID-19)
COVID-2019 situation reports
Considerations for the provision of essential oral health services in the context of COVID-19. Interim Guidance – 3 August 2020

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

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
FAO – 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.
studies.

**EPPI Centre:** [COVID-19](https://www.eppi-net.org): a living systematic map of the evidence.

**Cochrane:** [Special collections](https://www.cochranelibrary.com) on COVID-19.


**Evidence Aid:** [Evidence Collection](https://evidenceaid.net) on Coronavirus (COVID-19).

**UpToDate:** [Clinical effectiveness COVID-19 recourses](https://www.uptodate.com) available to all

**VA-ESP COVID19 Reviews:** [U.S. Veterans’ Affairs (VA) Evidence Synthesis Program](https://www.va.gov/research/) - 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](https://www.bmj.com): living systematic review and network meta-analysis

**EMBL-EBI:** [Protein Data Bank in Europe – Knowledge Base](https://www.ebi.ac.uk): PDBe-KB COVID-19 Data Portal.


**COVID-AMR:** [Secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19](https://www.covid-amr.org).

**CORD-19:** [COVID-19 Open Research Dataset](https://www.semanticscholar.org) from Semantic Scholar.

**COVID-19** [Smart Search Engine](https): database with references selected by the WHO Global research list.