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

Weekly Digest
4 March 2021

ECDC Outputs

Recent publications

Methods for the detection and identification of SARS-CoV-2 variants Technical Report – 3 March Read more »

Behavioural Insights research to support the response to COVID-19: a survey of implementation in the EU/EEA. Technical Report – 17 February Read more »

Detection and characterisation capability and capacity for SARS-CoV-2 variants within the EU/EEA. Technical Report – 16 February Read more »


Risk assessment: SARS-CoV-2 - increased circulation of variants of concern and vaccine rollout in the EU/EEA, 14th update. Risk Assessment – 14 February Read more »


Overview of the implementation of COVID-19 vaccination strategies and vaccine deployment plans in the EU/EEA. Technical Report – 1 February Read more »

Integrated COVID-19 response in the vaccination era. Technical Report – 1 February Read more »

Monitoring COVID-19 vaccination progress across Europe. News Story – 1 February Read more »

All ECDC publications on scientific advice on coronavirus are published here.

Translated guidance and infographics on COVID-19. Available in 26 languages. Read more »

Situation updates on COVID-19

Weekly COVID-19 situation update for the EU/EEA: Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates for the EU/EEA. Read more »

Weekly COVID-19 situation update worldwide: Includes an update on the number of cases and deaths and geographical distribution of 14-day notification rates worldwide. Read more »

Weekly COVID-19 country overview: Provides an overview of the evolving epidemiological situation for the EU/EEA (including case/death notification rates, testing rates, test positivity, hospital and ICU occupancy/capacity per country). Read more »

Weekly surveillance report on COVID-19: Includes information on severity and risk groups most affected for the EU/EEA, as well as information on The European Surveillance System (TESSy) data quality and descriptions about national surveillance systems. Read more »

Vaccine roll-out overview report: Provides an overview of the progress in the roll-out of COVID-19 vaccines in
adults (aged 18 years and above) across EU/EEA Member States, incl. vaccine doses distributed and administered. Read more »

**Situation dashboard:** Interactive map with the latest available data on COVID-19 (worldwide). The dashboard now also includes a vaccine tracker. Read more »

**Maps in support of the Council Recommendation** on a coordinated approach to the restriction of free movement in response to the COVID-19 pandemic in the EU/EEA. These maps are published every Thursday based on a number of different indicators. Read more »

**Response Measures Database** of ECDC and the Joint Research Centre (JRC) of the European Commission is a regularly updated archive of non-pharmaceutical interventions introduced by 30 countries in the EU/EEA. Read more »

**Download data on COVID-19**

Much of ECDC’s data can be downloaded from its website. This for instance includes, but is not limited to, reported number of cases and deaths, 14-day case notification rates, ICU and hospital admissions/occupancy, testing rates/positivity and response measures implemented in EU/EEA countries. Link to downloadable data»

**Infographics, Videos, Webinars and more**

**Infographics and leaflets about COVID-19** – 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 »

**Online micro learning activities on non-pharmaceutical countermeasures in relation to COVID-19.** Event E-learning course. 20 Feb 2020 - 31 Dec 2020. Read more »

**Other ECDC Outputs**

**ECDC website on COVID-19** ECDC – Read more »

Find the latest evidence on:

- **Coronaviruses**
- **Risk factors and risk groups**
- **Transmission of COVID-19**
- **COVID-19 infection**
- **Clinical characteristics of COVID-19**
- **Diagnostic testing and screening for SARS-CoV-2**
- **Immune responses and immunity to SARS-CoV-2**
- **Vaccines and treatment of COVID-19**

**Surveillance definitions for COVID-19.** High risk exposure/close contact, transmission status, death due to COVID-19. Read more »

**ECDC case definition for COVID-19.** Read more »

**Testing strategies for SARS-CoV-2** - Patients requiring diagnostic testing. Read more »

**Preparedness for COVID-19** – Publications and guidance for preparedness planning. Read more »

**Prevention and control of COVID-19** – how to protect yourself, monitoring of response activities, patient and case management. Read more »

**Laboratory support for COVID-19 in the EU/EEA** – Testing for SARS-CoV-2 virus, shortages, types and storage of specimens, specimen shipping etc. Read more »

**Q & A on COVID-19** – Questions and answers. 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, and does not include a qualitative assessment or critical appraisal of the evidence.

1. Systematic screening on admission for SARS-CoV-2 to detect asymptomatic infections
   Antimicrob Resist Infect Control Read more »
2. Distorted chemosensory perception and female sex associate with persistent smell and/or taste loss in people with SARS-CoV-2 antibodies: a community based cohort study investigating clinical course and resolution of acute smell and/or taste loss in people with and without SARS-CoV-2 antibodies in London, UK BMC Infect Dis Read more »
3. No higher infectivity but immune escape of SARS-CoV-2 501Y.V2 variants Cell Read more »
4. Evidence of escape of SARS-CoV-2 variant B.1.351 from natural and vaccine induced sera Cell Read more »
5. SARS-CoV-2 infections in children following the full re-opening of schools and the impact of national lockdown: prospective, national observational cohort surveillance, July-December 2020, England J Infect Read more »
7. Household Transmission of SARS-CoV-2 JAMA Network Open Read more »
8. Maternal, neonatal and placental characteristics of SARS-CoV-2 positive mothers J Matern Fetal Neonatal Med Read more »
9. Factors associated with SARS-CoV-2 infection and outbreaks in long-term care facilities in England: a national cross-sectional survey Lancet Healthy Longev Read more »
10. Equivalent SARS-CoV-2 viral loads by PCR between nasopharyngeal swab and saliva in symptomatic patients Sci Rep Read more »

Additional Resources

European Union. Re-open EU: interactive tool with country information for travel and transportation Read more »
European Commission. Coronavirus response. Read more »
EU Healthy Gateways: Published guidance and reports for COVID-19 Read more »
European Agency for Safety and Health (OSHA). COVID-19: Resources for the workplace: EU guidance, telework, resources from EU and international organisations. Read more »
European Food Safety Authority (EFSA). Research Platform. Read more »
European Maritime Safety Agency (EMSA). COVID-19 measures. Read more »
World Health Organization (WHO). Coronavirus disease (COVID-19) pandemic. Read more »
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 Read more »
Food and Agriculture Organization of the UN (FAO): Novel Coronavirus. Read more »
### Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](https://cispm.unibe.ch/COVID-19) from the Institute of Social and Preventive Medicine ([ISPM](https://www.ispm.unibe.ch)). This database is updated daily with published articles from Pubmed and EMBASE and with preprints from medRxiv and bioRxiv.

**EPIPI Centre:** [COVID-19](https://www.epi-centre.net/) : a living systematic map of the evidence. Up-to-date map of the current evidence that are partitioned into broad domains for easy exploration.


**PregCOV-19LSR** by the University of Birmingham. Series of living systematic reviews (LSR) involving pregnant and postnatal women at risk, suspected, and diagnosed to have COVID-19 according to recommended methods. [Read more »](https://www.epi-centre.net/)

**theBMJ:** [Drug treatments for covid-19](https://www.bmj.com/content/372/bmj.m3848): living systematic review and network meta-analysis

### Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](https://www.cebm.net/reviews/). Rapid reviews of primary care questions relating to COVID-19.

**Cochrane:** [Cochrane Reviews](https://www.cochranelibrary.com/) and related content from the Cochrane Library relating to the COVID-19 pandemic.

**COVID Reference International:** Every day the “Top 10 scientific COVID-19 papers of the day” are presented. Also provides multiple other useful links to literature. [Read more »](https://www.covidreferenceinternational.com)

**COVID-AMR:** [Peer-reviewed literature](https://www.covid19amr.com/) on secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19.

**Evidence Aid:** [Evidence Collection](https://evidenceaid.org/) 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](https://www.hiqa.ie/covid-19-publishings-and-flu/): Clinical evidence summaries and rapid reviews on various different topics.

**LitCovid:** [curated literature hub](https://www.litcovid.com/) for tracking up-to-date scientific information about COVID-19. It is the most comprehensive resource on the subject, providing a central access a large number of relevant articles in PubMed. The articles are updated daily and are further categorized by different research topics and geographic locations for improved access.

**US Centers for Disease Control and Prevention:** [COVID-19 Science Updates](https://www.cdc.gov/coronavirus/2019-ncov/hcp/updates.html) 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 COVID-19 Reviews:** [U.S. Veterans’ Affairs (VA) Evidence Synthesis Program](https://www.vesp.va.gov/coronavirus/) - Inventory of living systematic reviews and ‘rapid reviews’, with a flag for living reviews and for reviews meeting minimum quality standards

**Wolters Kluwer:** [Clinical effectiveness COVID-19 Resources Available to All](https://www.wolterskluwer.com/en/). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.