ECDC Outputs

Recent publications

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). [Read more »](#) The dashboard now also includes a vaccine tracker.

**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 »](#)

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**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»](#)

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**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 »](#)

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**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


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. HIV and SARS-CoV-2 Co-infection: A Systematic Review of the Literature and Challenges AIDS Res Hum Retroviruses Read more »
2. Higher SARS-CoV-2 Infection Rate in Pregnant Patients Am J Obstet Gynecol Read more »
3. The impact of local and national restrictions in response to COVID-19 on social contacts in England: a longitudinal natural experiment BMC Med Read more »
5. Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera Cell Read more »
6. Coinfection with influenza A virus enhances SARS-CoV-2 infectivity Cell Res Read more »
7. Clinical and Laboratory Findings in Patients with Potential SARS-CoV-2 Reinfection, May-July 2020 Clin Infect Dis Read more »
8. Presymptomatic Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 Among Residents and Staff at a Skilled Nursing Facility: Results of Real-time Polymerase Chain Reaction and Serologic Testing Clin Infect Dis Read more »
9. Loss of Taste and Smell as Distinguishing Symptoms of Coronavirus Disease 2019 Clin Infect Dis Read more »
12. Reducing contacts to stop SARS-CoV-2 transmission during the second pandemic wave in Brussels, Belgium, August to November 2020. Eurosurveillance. Read more »
17. Innate cell profiles during the acute and convalescent phase of SARS-CoV-2 infection in children. Nat Commun. 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.

Food and Agriculture Organization of the UN (FAO): Novel Coronavirus. Read more »

COVID-19 information pages of EU/EEA Member States
Living Evidence Summaries

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

**EPPI Centre:** [COVID-19](https://epi-net.org/cphasis): 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.birmingham.ac.uk/medicine/research/clinical/research/clinical-research/pregcov-19.html)

**theBMJ:** [Drug treatments for covid-19](https://www.bmj.com/content/368/bmj.n483): living systematic review and network meta-analysis

Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](https://cebm.ox.ac.uk/covid19/). Rapid reviews of primary care questions relating to COVID-19.

**Cochrane:** [Cochrane Reviews](https://www.cochrane.org) 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.covidreference.com)

**COVID-AMR:** [Peer-reviewed literature](https://www.covid19-amr.org) on secondary infections, antibiotic chemotherapy and AMR in the context of COVID-19.

**Evidence Aid:** [Evidence Collection](https://evidenceaid.net) 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.](https://www.hiqua.org/covid-19/)

**LitCovid:** [curated literature hub](https://litcovid.org) 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/ncidod/detroit/covid-science-updates.htm) 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.va.gov/VARESPCOVID19/) - 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/solutions/clinical-effectiveness). View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.