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

Weekly Digest
15 April 2021

ECDC Outputs

Recent publications

Reinfection with SARS-CoV-2: implementation of a surveillance case definition within the EU/EEA. Technical Report – 08 April Read more »

Overview of the implementation of COVID-19 vaccination strategies and vaccine deployment plans in the EU/EEA. Technical Report – 29 March Read more »

Risk of SARS-CoV-2 transmission from newly-infected individuals with documented previous infection or vaccination. Technical Report – 29 March Read more »


Stress test on logistical aspects of COVID-19 vaccination deployment plans for the Western Balkans: final report. Technical Report – 18 March Read more »

Considerations on the use of self-tests for COVID-19 in the EU/EEA. Technical Report – 17 March 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). Data on variants of concern have been added under Section 3.6. 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.  

**Situation dashboard:** Interactive map with the latest available data on COVID-19 (worldwide).  

**Vaccine tracker:** Real time data on national vaccine doses distribution and vaccine update within EU/EEA countries.  

**Vaccine roll-out overview report:** This report complements the Vaccine tracker and 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.  

**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.  

**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.  

**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, vaccination data and response measures implemented in EU/EEA countries.  

**Infographics, Videos, Webinars and more**  
- **Infographics and leaflets about COVID-19** – Infographics, leaflets and posters on COVID-19.  
- **Videos on COVID-19** – What do we know about the COVID-19.  

**Other ECDC Outputs**  
- **ECDC website on COVID-19** –  
- **ECDC case definition for COVID-19.**  

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.  

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

Note that the sections are currently being reviewed and updated where necessary.
Preparedness for COVID-19 – Publications and guidance for preparedness planning. Read more »

Prevention and control of COVID-19 – how to protect yourself, risk groups, COVID-19 vaccination, 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. Sera neutralizing activities against SARS-CoV-2 and multiple variants six month after hospitalization for COVID-19 Clin Infect Dis Read more »
2. SARS-CoV-2–Specific Antibodies in Breast Milk After COVID-19 Vaccination of Breastfeeding Women JAMA Read more »
3. Genomic characteristics and clinical effect of the emergent SARS-CoV-2 B.1.1.7 lineage in London, UK: a whole-genome sequencing and hospital-based cohort study Lancet Infect Dis Read more »
4. SARS-CoV-2 infection rates of antibody-positive compared with antibody-negative healthcare workers in England: a large, multicentre, prospective cohort study (SIREN) Lancet Read more »
5. Comparison of seven commercial SARS-CoV-2 rapid point-of-care antigen tests: a single-centre laboratory evaluation study Lancet Microbe Read more »
6. Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study Lancet Public Health Read more »
7. SARS-CoV-2 spike D614G change enhances replication and transmission Nature Read more »
8. Seroprevalence and correlates of SARS-CoV-2 neutralizing antibodies from a population-based study in Bonn, Germany Nat Commun Read more »
10. Genomics and epidemiology of the P.1 SARS-CoV-2 lineage in Manaus, Brazil Science Read more »

Additional Resources

Information from European Institutions, International Organisations and Centres for Disease Control and Prevention

European Union. Re-open EU: interactive tool with country information for travel and transportation Read more »

European Commission. Coronavirus response. Read more »

European Parliament. The EU's response to the coronavirus. Read more »

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


European Monitoring Centre for Drugs and Drug Addiction (EMCDDA). COVID-19 and drugs. 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

World Health Organization (WHO). Coronavirus disease (COVID-19) pandemic. Read more »

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

African Centres of Disease Control and Prevention. Read more »

Public Health Agency of Canada. Read more »

Chinese Center for Disease Control and Prevention. Read more »

Israel Center for Disease Control, Ministry of Health. Read more »

US Centers for Disease Control and Control. Read more »

COVID-19 information pages of EU/EEA Member States

Austria »  Germany »  Malta »
Belgium »  Greece »  Netherlands »
Bulgaria »  Hungary »  Norway »
Croatia »  Iceland »  Poland »
Cyprus »  Ireland »  Portugal »
Czechia »  Italy »  Romania »
Denmark »  Latvia »  Slovakia »
Estonia »  Liechtenstein »  Slovenia »
Finland »  Lithuania »  Spain »
France »  Luxembourg »  Sweden »
Living Evidence Summaries

**COAP:** [COVID-19 Open Access Project](https://coap.issp.unibe.ch) 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.

**EPPI Centre:** [COVID-19](https://epipcentre.org/covid19): 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://pregcov.000webhostapp.com/)

**theBMJ:** [Drug treatments for covid-19](https://www.bmj.com/content/373/bmj.f472): living systematic review and network meta-analysis

Science Updates

**Centre for Evidence-Based Medicine CEBM:** [Oxford COVID-19 Evidence Service](https://www.cebm.net/covid19/). 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://covid19-references.org/)

**COVID-AMR:** [Peer-reviewed literature](https://www.covid-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).


**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 to 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/situation-updates/science-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.va.gov/ESPR/) - Inventory of living systematic reviews and ‘rapid reviews’, with a flag for living reviews and for reviews meeting minimum quality standards