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

COVID-19 Digest
1 July 2021

ECDC Outputs

Recent publications

Countering online vaccine misinformation in the EU/EEA. Technical Report – 29 June Read more »

Indicator framework to evaluate the public health effectiveness of digital proximity tracing solutions. Technical Report – 28 June Read more »

Threat Assessment Brief: Implications for the EU/EEA on the spread of the SARS-CoV-2 Delta (B.1.617.2) variant of concern. Technical Report – 23 June Read more »


Overview of the implementation of COVID-19 vaccination strategies and deployment plans in the EU/EEA. Technical Report – 14 June Read more »

Rapid risk assessment: Assessing SARS-CoV-2 circulation, variants of concern, non-pharmaceutical interventions and vaccine rollout in the EU/EEA, 15th update. Risk Assessment – 10 June Read more »

Suspected adverse reactions to COVID-19 vaccination and the safety of substances of human origin. Technical Report – 3 June Read more »

Reducing COVID-19 transmission and strengthening vaccine uptake among migrant populations in the EU/EEA. Technical Report – 3 June Read more »

Interim public health considerations for COVID-19 vaccination of adolescents in the EU/EEA. Technical Report – 1 June Read more »

All ECDC publications on scientific advice on coronavirus are published. Read more »

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 »

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

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

**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. 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 »

**Updates on SARS-CoV-2 variants**

**SARS-CoV-2 variants of concern**: Overview of the different variants that are currently being considered of concern and of interest as assessed by ECDC. Read more »

**Variants of concern.** The ECDC country overview includes an own section on variants of concern. It includes e.g. a map of sequencing volume, variant data table and weekly variant distribution by country. Read more »

**Dashboard on SARS-CoV-2 variants.** This dashboard provides an overview of the proportion of variants of concern and variants of interest in EU/EEA Member States together with sequencing volumes and complements the ECDC country overview report. 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, vaccination data 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 »

**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.** E-learning course. 20 Feb 2020 – 30 June 2021. Read more »

**Other ECDC Outputs**

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


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, risk groups, COVID-19 vaccination, patient and case management. 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. Persistent symptoms in Swedish children after hospitalisation due to COVID-19 Acta Paediatr Read more »
2. Presymptomatic transmission of SARS-CoV-2 infection: a secondary analysis using published data BMJ Open Read more »
3. Clinical performance evaluation of SARS-CoV-2 rapid antigen testing in point of care usage in comparison to RT-qPCR EBioMedicine Read more »
5. Effectiveness of mRNA COVID-19 vaccines in preventing SARS-CoV-2 infections and COVID-19 hospitalisations and deaths in elderly long-term care facility residents, Spain, weeks 53 2020 to 13 2021 Euro Surveill Read more »
6. Risk of SARS-CoV-2 infection and subsequent hospital admission and death at different time intervals since first dose of COVID-19 vaccine administration, Italy, 27 December 2020 to mid-April 2021 Euro Surveill Read more »
7. Viral load and disease severity in COVID-19 Intern Emerg Med Read more »
8. Trends in Incidence and Transmission Patterns of COVID-19 in Valencia, Spain JAMA Netw Open Read more »
9. Excess Mortality After COVID-19 in Swedish Long-Term Care Facilities J Am Med Dir Assoc Read more »
10. BNT162b2 vaccine uptake and effectiveness in UK healthcare workers - a single centre cohort study Nat Commun Read more »
11. Insights into household transmission of SARS-CoV-2 from a population-based serological survey Nat Commun Read more »
12. Association of social distancing and face mask use with risk of COVID-19 Nat Commun Read more »
13. COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants Nat Commun Read more »
14. Transmission of SARS-CoV-2 variant B.1.1.7 among vaccinated health care workers Infect Dis (Lond) Read more »
15. Systematic review of empirical studies comparing the effectiveness of non-pharmaceutical interventions against COVID-19 J Infect Read more »
16. AZD1222-induced neutralising antibody activity against SARS-CoV-2 Delta VOC The Lancet Read more »
17. Mortality and critical care unit admission associated with the SARS-CoV-2 lineage B.1.1.7 in England: an observational cohort study Lancet Infect Dis Read more »
18. Risk of hospitalisation associated with infection with SARS-CoV-2 lineage B.1.1.7 in Denmark: an observational cohort study Lancet Infect Dis Read more »
19. Vaccine effectiveness of the first dose of ChAdOx1 nCoV-19 and BNT162b2 against SARS-CoV-2 infection in residents of long-term care facilities in England (VIVALDI): a prospective cohort study Lancet Infect Dis Read more »
20. Different spreading dynamics throughout Germany during the second wave of the COVID-19 pandemic: a time series study based on national surveillance data Lancet Reg Health Eur Read more »
21. COVID-19 in healthy children: What is the effect of household contact? Pediat Int Read more »
23. COVID-19 transmission in group living environments and households Sci Rep Read more »
24. Long-term antibody persistence and exceptional vaccination response on previously SARS-CoV-2 infected subjects Vaccine 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 Addition (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 »](#)

**Ministry of Health of Mexico.** [Read more »](#)

**US Centers for Disease Control and Prevention.** [Read more »](#)

### COVID-19 information pages of EU/EEA Member States

Austria » Germany » Malta »
Belgium » Greece » Netherlands »
Bulgaria » Hungary »
Croatia » Iceland »
Cyprus » Ireland »
Czechia » Italy »
Denmark » Latvia »
Estonia » Liechtenstein »
Finland » Lithuania »
France » Luxembourg »

### Living Evidence Summaries

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

**EPPI Centre:** [COVID-19: 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 »](#)

**theBMJ:** [Drug treatments for covid-19](#): living systematic review and network meta-analysis

### Science Updates

Cochrane: Cochrane Reviews 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 »


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.

LitCovid: curated literature hub 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 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 - 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 Recourses Available to All. View a categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education and society guideline links.