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

Weekly Digest
17 December 2020

ECDC Outputs

Publications


Overview of COVID-19 vaccination strategies and vaccine deployment plans in the EU/EEA and the UK. Technical Report– 02 December Read more »


Rapid Risk Assessment: Increase in fatal cases of COVID-19 among long-term care facility residents in the EU/EEA and the UK. Rapid Risk Assessment – 19 November 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

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

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 and UK (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 and UK, as well as 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 »
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 and the UK. These maps are published every Thursday based on a number of different indicators. 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 and the UK. 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 »

Other ECDC Outputs
ECDC website on COVID-19 ECDC – Read more »
Find the latest evidence on:
- SARS-CoV-2
- Epidemiology of COVID-19
- 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 COVID-19 - Patients requiring diagnostic testing. Read more »
Preparedness for COVID-19 – Publications and guidance for preparedness planning. Read more »
Prevention and control – 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. COVID-19 neutralizing antibodies predict disease severity and survival Cell
2. Assessment of the risk of SARS-CoV-2 reinfection in an intense re-exposure setting Clin Infect Dis
3. A systematic review of possible airborne transmission of the COVID-19 virus (SARS-CoV-2) in the indoor air environment Environ Res
4. Secondary transmission of COVID-19 in preschool and school settings in northern Italy after their reopening in September 2020: a population-based study Eurosurveillance
6. Asymptomatic patients as a source of transmission of COVID-19 in homeless shelters Int J Infect Dis
7. Subtle olfactory dysfunction after SARS-CoV-2 virus infection in children Int J Pediatr Otorhinolaryngol
9. SARS-CoV-2, SARS-CoV, and MERS-CoV viral load dynamics, duration of viral shedding, and infectiousness: a systematic review and meta-analysis The Lancet Microbe
10. Estimated Resource Costs for Implementation of CDC's Recommended COVID-19 Mitigation Strategies in Pre-Kindergarten through Grade 12 Public Schools — United States, 2020–21 School Year MMWR
11. Comparative effectiveness of N95 respirators and surgical/face masks in preventing airborne infections in the era of SARS-CoV2 pandemic: A meta-analysis of randomized trials PLoS One
13. Phylogenetic analysis of SARS-CoV-2 in Boston highlights the impact of superspreading events Science

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

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 Maritime Safety Agency (EMSA). COVID-19 measures. Read more »
World Health Organization. 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: Exposure of humans or animals to SARS-CoV-2 from wild, livestock, companion and aquatic animals. Qualitative exposure assessment.

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.