

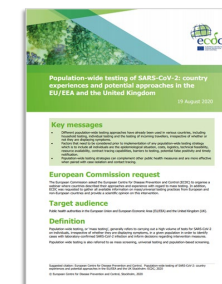
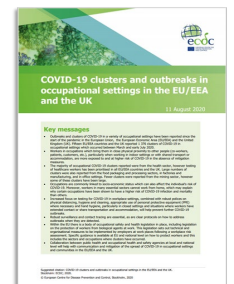
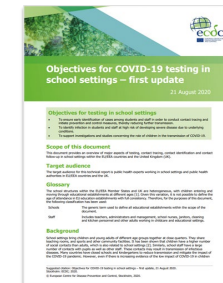
European Centre for Disease Prevention and Control

# **PHIRI Rapid Exchange Forum— Special Edition ECDC Activities**

Howard Needham, Expert-Scientific Liaison, 15 February 2021

# ECDC's COVID activities: Overview

- ECDC legally mandated to collect health information on infectious diseases collected by EU/EEA MSs (27MS +3EEA).
- ECDC produces several COVID-19 surveillance outputs (e.g. weekly COVID-19 surveillance report/country overview). **Much of the data is downloadable in open data formats on [ECDC's website](#).**
- Core datasets:
  - **TESSy**: Over 9.5M COVID-19 cases in database (11 Feb 2021)
  - Supplemented by web scraping of public health websites etc.
- Epidemiological data include:
  - Case numbers (COVID-19 cases, deaths, setting of infection).
  - Severity (Hospital and ICU admission, risk factors etc.).
  - Genomic data (WGF): genetic variants.
- Public health response:
  - Testing.
  - Country response measures.
- Data used as a basis of many ECDC outputs: risk assessments/technical guidance/modelling etc.



# COVID information exchange: who?

- Member States
  - Health Security Committee (Cross border health threats)
  - Integrated Political Crisis Response (IPCR) (EC/MS/others)
  - MS National Focal Points (+ COVID-specific Lab and Epi contacts)
- European Commission
  - DG SANTE
  - Other Directorates
- European Parliament
- WHO/CDCs & other international stakeholders
- EU Research projects
  - PHIRI

# COVID information exchange: what?

- **Daily updates, maps and tables**
- **Risk assessments with options for response**
- **Briefings for stakeholders**
- **Guidance and materials for EU Member States**
- **Support in preparedness actions**
  - **Laboratory capacity**
  - **Hospital preparedness**
- **Template leaflets, infographics, videos for national authorities to translate and customise**



# Scientific advice: ECDC guidance documents on COVID-19, examples

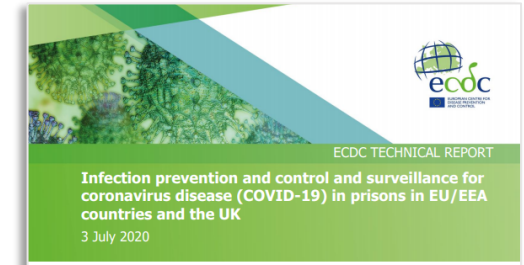
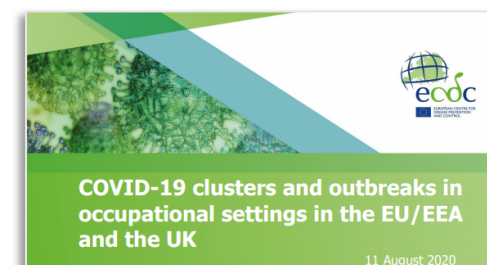
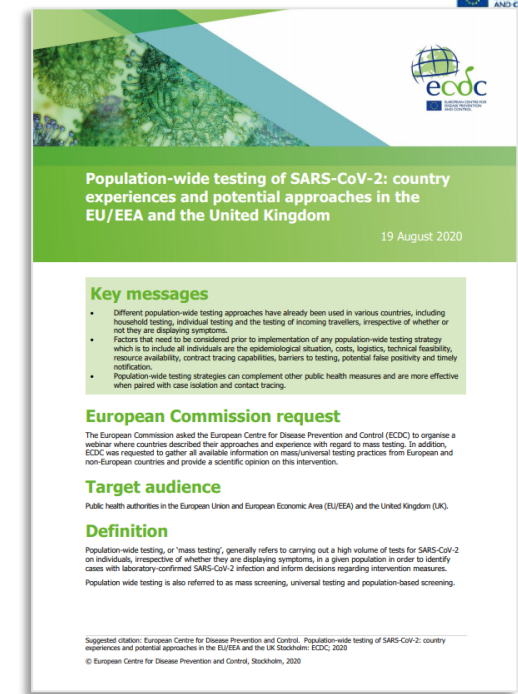
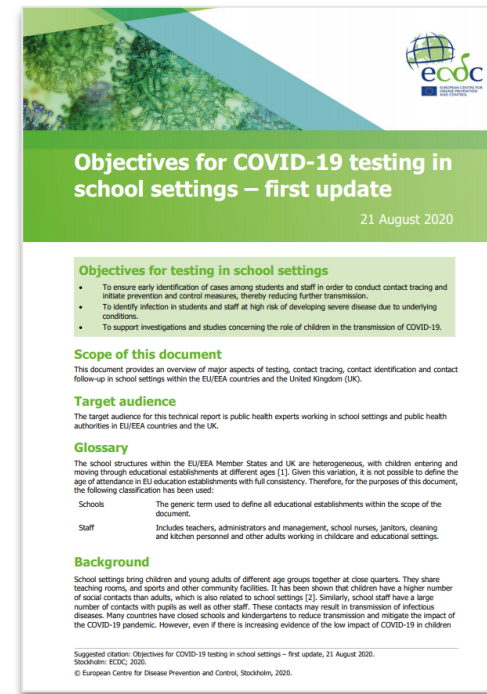


- Options for the use of rapid antigen tests
- Contact tracing guidance

## IPC guidance in various settings

- Strategies for the surveillance of COVID-19
- Monitoring and evaluation framework for COVID-19 response activities
- Objectives for COVID-19 testing in school settings
- Population-wide testing of SARS-CoV-2
- Settings-specific guidance
- Projected baselines of COVID-19 in the EU/EEA and the UK (30- or, most recently 45-day modelling – until 25 December)
- Conducting in-action and after-action reviews of the public health response to COVID-19
- Travel-related advice
- ...and many more

<https://www.ecdc.europa.eu/en/covid-19-pandemic>



# ECDC Output highlights (1): Vaccine Tracker (Feb)



European Centre for Disease Prevention and Control

COVID-19 Situation Dashboard

Current selections ▾ Reset selections Undo selections Redo selections Help

Global overview

Country comparison

Subnational level of transmission

Enhanced surveillance data

Vaccine Tracker

Notes on the data

Disclaimer: Member States may upload data at any time but as a minimum they are requested to report on a biweekly basis every Tuesday for the previous week and every Friday for the current week. This and the time ECDC needs to process the data, may lead to discrepancies between the national figures and the figures published by ECDC. Users are advised to use all data with caution and awareness of their limitations, please refer to "information on data" tab section for additional information on data collection and interpretation. Data are subjects to retrospective corrections; corrected datasets are released as soon as processing of updated national data has been completed.

Member State ▾

Select View : Uptake first dose ▾

National vaccine uptake (%) for the first dose in EU/EEA Member States as of 2021-02-14

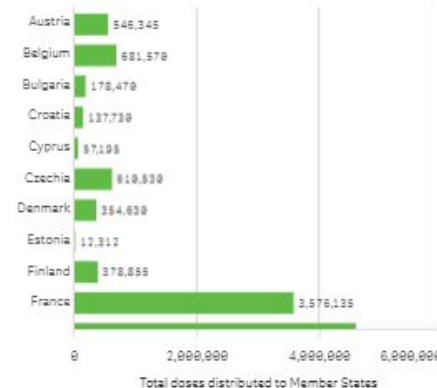


The boundaries and names shown on this map do not imply official endorsement or acceptance by the European Union.

Total doses administered 19,883,736

Total doses distributed to Member States 26,070,059

Total number of vaccine doses distributed to EU/EEA Member States as of 2021-02-14



These data aim to give an overview of the progress in the roll out of COVID-19 vaccines in adults (18 year old and older) in the EU/EEA Member States. Please refer to "Information on data" tab for additional information on data reporting and data interpretation.

This report complements the detailed presentation of epidemiological data in ECDC's [weekly surveillance report](#), and [country overview report](#).

Data as of 2021-02-14

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Vaccine Tracker that provides a near-live view on vaccination progress in Europe:  
<https://qap.ecdc.europa.eu/public/extensions/COVID-19/COVID-19.html#vaccine-tracker-tab>

# ECDC Output highlights(2):Response Measures Database ( Feb 7<sup>th</sup>)



ECML Covid 

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ECML Covid Home Documents Dashboards ▾ Measures Maps Update Status Login								
Countries List	Austria			Current Measures	Terminology	General Info	Contact Form	
Austria	All measures	Physical distancing	International travel	Internal travel	Hygiene and safety measure	General	Ensuring treatment	Case management
Belgium	Filter 🔍 #Recs.: 23 <span>export ↓</span>							
Bulgaria	Level 1	Coverage	Level 2	Level 3	Start Date	End Date	Targets	Notes
Croatia								
Cyprus								
Czech Republic								
Denmark								
Estonia								
Finland								
France								
Germany								
Greece								
	●	📄 National	Closure of educational institutions	Secondary School	08 Feb 2021		Students;Teachers	From 08/02 from FULL to PARTIAL: person to person lesson take place again, but in 2-day shifts, so s...
	●	📄 National	Closure of educational institutions	Primary School	26 Dec 2020		Students;Teachers	Distance learning. Schools remain open for those who need pedagogical support and supervision. It is...
	●	📄 National	Closure of public	Non essential shops	26 Dec 2020		General population	Closure of all non-essential shops. Orders can be placed at shops and

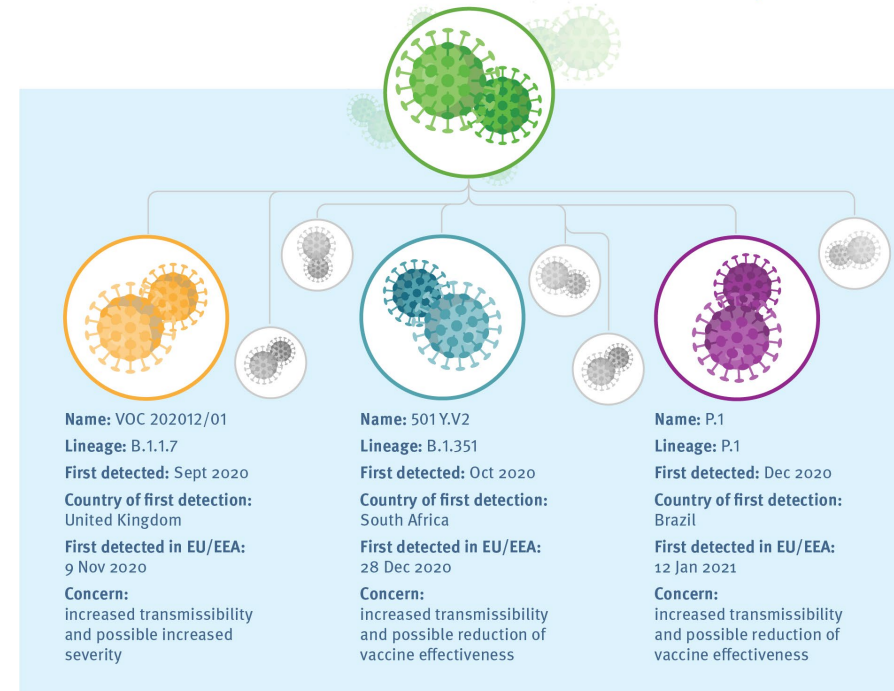
ECDC/JRC joint output. Archive of non-pharmaceutical interventions (NPIs), by 30 countries in the European Union and European Economic Area in response to the COVID-19 pandemic. The RMD is reviewed and updated every two weeks: <https://www.ecdc.europa.eu/en/news-events/launch-joint-response-measures-database> (ECDC= data collection. JRC data base/web platform)

# ECDC Output highlights(3):Infographic: Mutation of SARS-CoV2 - current variants of concern (Feb 8)

Infographics  
communicated  
to public  
and health  
authorities

## Mutation of SARS-CoV-2: current variants of concern 8 February 2021

Mutations of SARS-CoV-2 that cause COVID-19 have been observed globally. Viruses, in particular RNA viruses such as coronaviruses, constantly evolve through mutations, and while most will not have a significant impact, some mutations may provide the virus with a selective advantage such as increased transmissibility. Such mutations are cause for concern and need to be monitored closely.



#COVID19

Learn more in the latest risk assessment by ECDC on SARS-CoV-2 variants of concern <http://bit.ly/RRAVariants1>



# ECDC Outputs in the pipeline

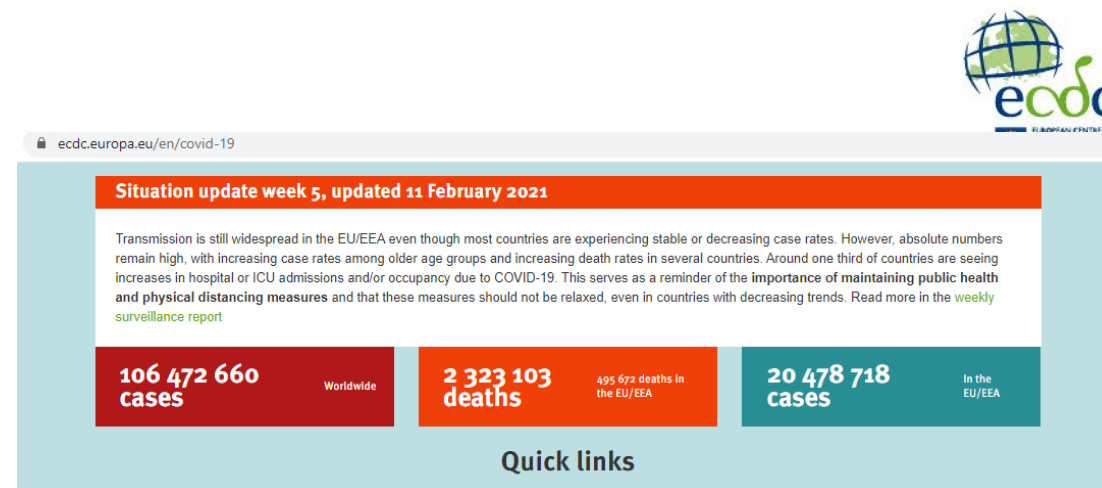
- **Rapid risk assessment: SARS-CoV-2 and increased circulation of variants of concern in the EU/EEA and vaccine rollout, 14th update.**  
Planned publication: 15<sup>th</sup> Feb
- **Detection and characterisation capability and capacity for SARS-CoV-2 variants within the EU/EEA**  
Planned publication: Week beginning 15th Feb
- **Updated guidance for the use of face masks in the community.**  
Planned publication: 15th Feb

# ECDC sources of information

## ECDC website: updated daily ECDC weekly digest

- ECDC publications
- ECDC epidemiological summary and situation update
- ECDC Infographics, videos, webinars
- Other ECDC COVID outputs (e.g. living reviews on key topics (diagnostics, infection, testing, NPIs, immunity etc.)
- Selected Peer-review publications (weekly "highlights")
- COVID-19 information pages of EU/EEA Member States

To subscribe to the Weekly Digest send an email to [PHE.Support.Scientific-Evidence@ecdc.europa.eu](mailto:PHE.Support.Scientific-Evidence@ecdc.europa.eu) with the subject "Subscribe to Covid-19 Weekly Digest".



ecdc.europa.eu/en/covid-19

**Situation update week 5, updated 11 February 2021**

Transmission is still widespread in the EU/EEA even though most countries are experiencing stable or decreasing case rates. However, absolute numbers remain high, with increasing case rates among older age groups and increasing death rates in several countries. Around one third of countries are seeing increases in hospital or ICU admissions and/or occupancy due to COVID-19. This serves as a reminder of the importance of maintaining public health and physical distancing measures and that these measures should not be relaxed, even in countries with decreasing trends. Read more in the [weekly surveillance report](#)

<b>106 472 660</b> cases	Worldwide	<b>2 323 103</b> deaths	495 672 deaths in the EU/EEA	<b>20 478 718</b> cases	In the EU/EEA
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**Quick links**



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

#### Weekly Digest 11 February 2021

Please find below a list with links to all guidance produced by ECDC on COVID-19 and a compilation of some recent publications on COVID-19 since the last [Weekly Digest](#) update.

We are constantly assessing the need to update existing, or produce new, guidance in light of recent developments.

Please forward this [Digest](#) widely to others you feel would benefit from it. To subscribe to the [Weekly Digest](#) send an email to [PHE.Support.Scientific-Evidence@ecdc.europa.eu](mailto:PHE.Support.Scientific-Evidence@ecdc.europa.eu) with the subject "Subscribe to Covid-19 Weekly Digest".

Best wishes,

PHE Technical Team

#### ECDC Outputs

##### Publications

**Infection prevention and control and preparedness for COVID-19 in healthcare settings - sixth update.** Technical Report – 9 February [Read more >](#)

**Stress test on logistical aspects of COVID-19 vaccination deployment plans: final report.** Technical Report – 3 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 >](#)

# Thank you for your attention