

Welcome to the COVID-CF project in Europe

CF patient registries throughout Europe have collected data about people with CF who become infected with SARS-Cov-2, causing the illness COVID-19.

Countries that contribute annual data to the ECFS Patient Registry (ECFSPR; www.ecfs.eu/ecfspr) were invited to report COVID-19 case data of people with a PCR-confirmed diagnosis of CF. Centres reported data directly to the ECFSPR, and aggregated data was provided by national registries that use their own data-collection system. Here we present centralised, anonymised data.

We have published one peer reviewed scientific [article about the incidence of SARS-Co-V-2 infection in pwCF](#) up to the 30 June 2020 and we have submitted another article about risk factors for poorer outcomes to another journal for review. We hope it will be published soon.

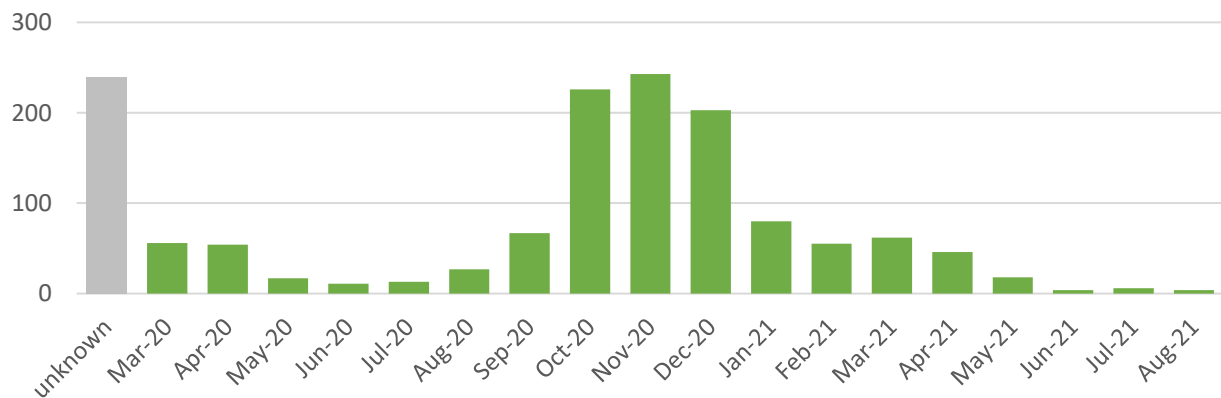
The updates presented here are not peer reviewed and should be considered as preliminary. Updates will be published monthly from now on.

Summary (up to 09 Sep 2021)

1650	People with CF have COVID-19 (including some cases not confirmed by PCR)
1432	PCR or antigen-confirmed cases with data available
286	Were hospitalised
44	Needed intensive care

Month of diagnosis with SARS-CoV-2 infection

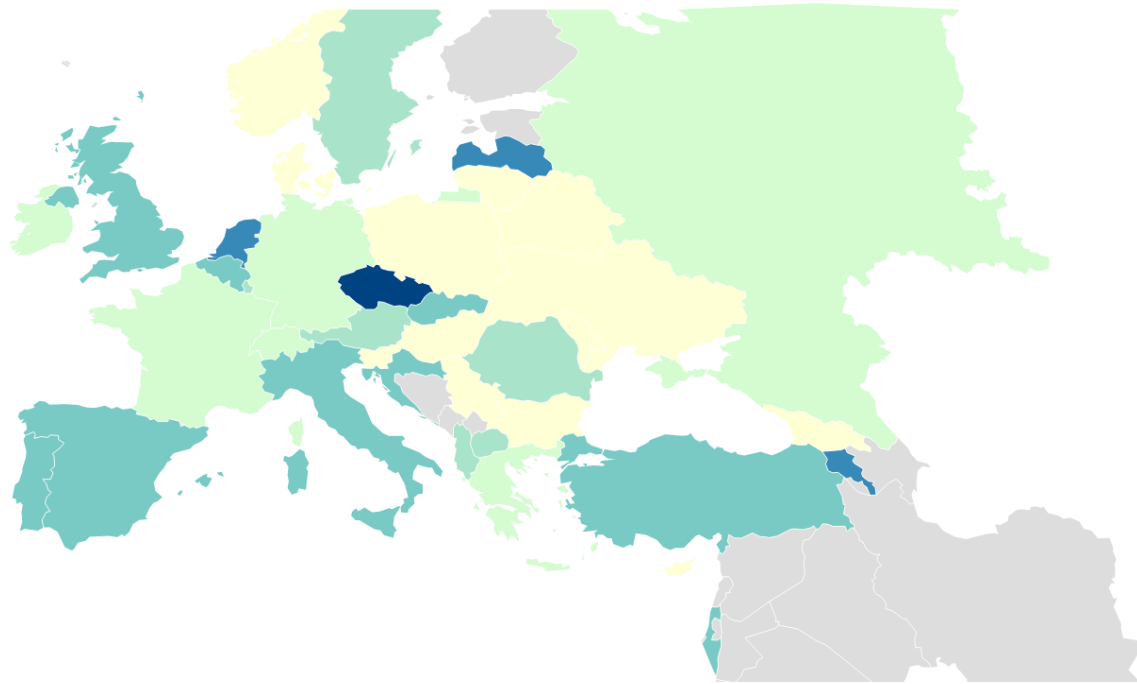
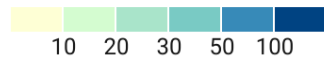
n=1432



Distribution in Europe

SARS-CoV-2 incidence per 1000 pwCF (up to 9/9/21)

n=1432

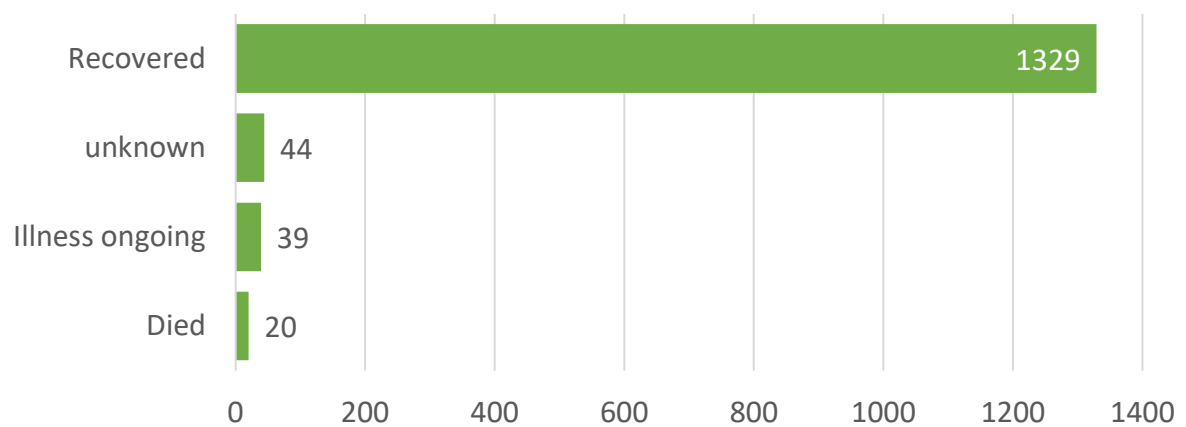


Countries in grey not in ECFSPR

Created with Datawrapper

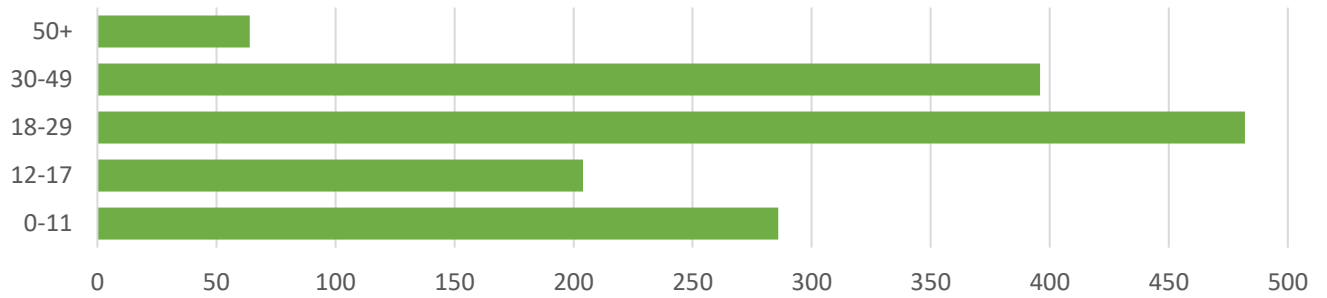
COVID-19 outcomes

n=1432



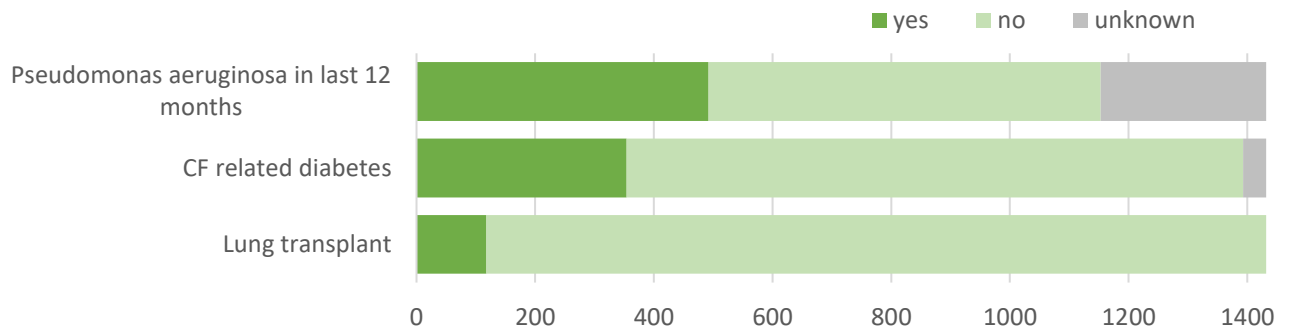
Age category (years)

n=1432



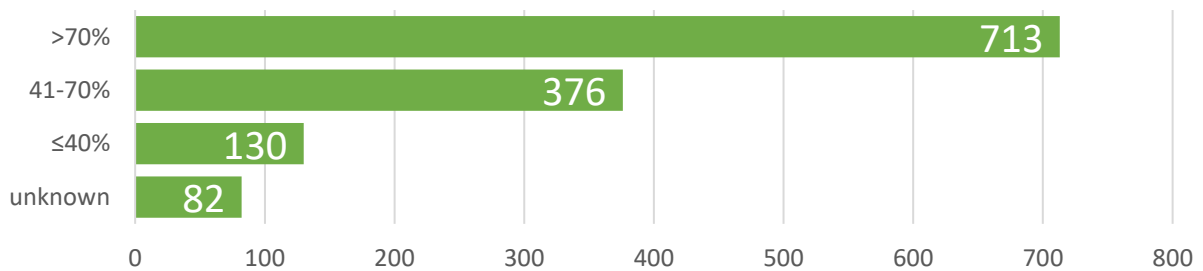
Cystic fibrosis characteristics

n=1432, patients could have between 0 and 3 of these characteristics



Percent predicted FEV1

n=1301*



Note: ppFEV1 = percent predicted forced expiratory volume in one second.

*Percent predicted FEV1 was only calculated for patients aged 6 years and over

