

EULAR COVID-19 Database

for rheumatologists and other clinicians

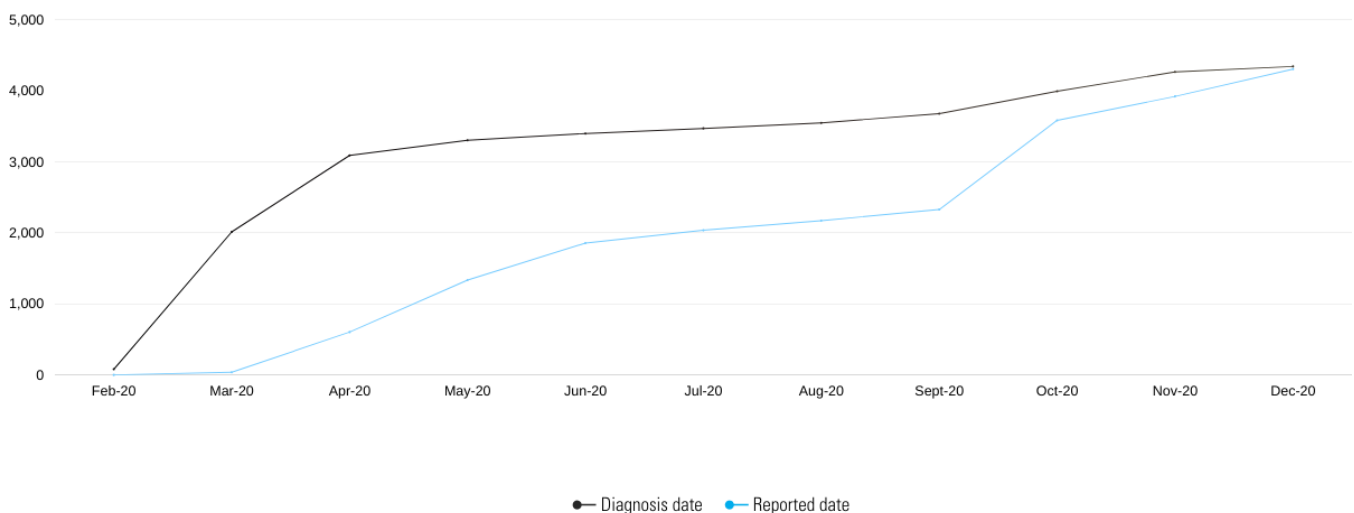
The EULAR - COVID-19 Database is a European paediatric and adult database (in collaboration with the Paediatric Rheumatology European Society (PReS)) to monitor and report on outcomes of "Coronavirus Disease 2019" (COVID-19) occurring in patients with rheumatic and musculoskeletal diseases (RMDs).

Weekly reporting - data extract: 5th January 2021

Total number of patients to 5th January 2021: 4373

To date there have been 4373 patients reported to the EULAR COVID-19 registry from 36 of countries. There have been 1801 hospitalisations and 378 deaths due to COVID-19.

Figure 1: Cumulative number of reports to the database and cumulative cases by date of COVID diagnosis, from March until 5th January 2021 (current data extract).

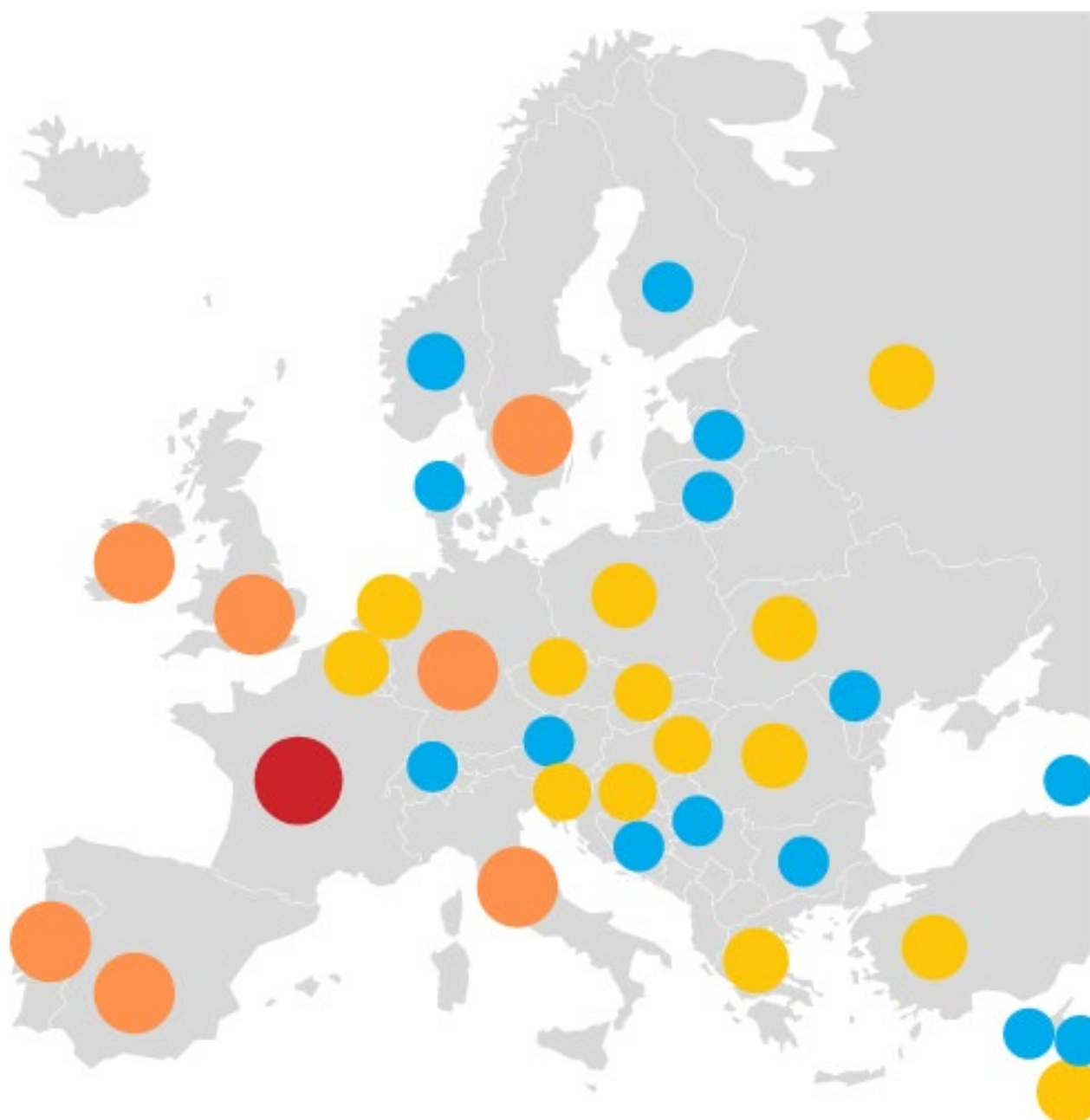


EULAR COVID-19 Database

for rheumatologists and other clinicians

Figure 2: Number of cases in each country

- ≥ 1000 cases
- < 1000 cases
- < 100 cases
- < 10 cases



EULAR COVID-19 Database

for rheumatologists and other clinicians

Table 1: Patient Demographics

		All patients
Total number		4373
Gender	Female	2836 (65%)
N (%)	Male	1533 (35%)
	Other / Unknown	4 (<1%)
Age	Median (IQR)	56 (45 - 69)
	Range (min to max)	3 to 98
Age categories (years)	<18	104 (2%)
N (%)	18-40	671 (15%)
	41-60	1799 (41%)
	61-more	1799 (41%)
Country	Austria	7 (<1%)
N (%)	Belgium	23 (1%)
	Bosnia and Herzegovina	2 (<1%)
	Bulgaria	1 (<1%)
	Croatia	77 (2%)
	Czech Republic	48 (1%)
	Cyprus	4 (<1%)
	Denmark	1 (<1%)
	Finland	2 (<1%)
	France	1209 (28%)
	Georgia	8 (<1%)
	Germany	759 (17%)
	Greece	16 (<1%)
	Hungary	20 (<1%)
	Israel	19 (<1%)
	Italy	442 (10%)
	Latvia	8 (<1%)
	Lebanon	1 (<1%)
	Lithuania	3 (<1%)
	Moldova	1 (<1%)
	Netherlands	52 (1%)
	Norway	8 (<1%)
	Poland	26 (1%)
	Portugal	174 (4%)
	Republic of Ireland	130 (3%)
	Romania	42 (1%)
	Russia	15 (<1%)
	Serbia	1 (<1%)
	Slovak Republic	41 (1%)
	Slovenia	12 (<1%)

EULAR COVID-19 Database

for rheumatologists and other clinicians

Spain	287 (7%)
Sweden	155 (4%)
Switzerland	7 (<1%)
Turkey	93 (2%)
Ukraine	11 (<1%)
United Kingdom	668 (15%)

Table 2: Disease information

		All Patients
Rheumatology Diagnosis	Rheumatoid Arthritis (RA)	1604 (37%)
N (%)	Spondyloarthritis (including Axial spondyloarthritis, ankylosing spondylitis, other spondyloarthritis, reactive arthritis)	662 (15%)
	Psoriatic arthritis	548 (13%)
	Systemic Lupus Erythematosus	291 (7%)
	Systemic sclerosis	148 (3%)
	Polymyalgia rheumatic	146 (3%)
	Sjogrens syndrome	114 (3%)
	Other inflammatory arthritis	96 (2%)
	ANCA-associated vasculitis (e.g., GPA, EGPA)	91 (2%)
	Giant cell arteritis	90 (2%)
	Gout	81 (2%)
	Inflammatory myopathy (e.g. dermatomyositis, polymyositis)	78 (2%)
	Other vasculitis including Kawasaki disease	63 (1%)
	Undifferentiated connective tissue disease	55 (1%)
	Autoinflammatory syndrome (including TRAPS, CAPS, FMF)	54 (1%)
	Juvenile idiopathic arthritis (polyarthritis)	52 (1%)
	Sarcoidosis	42 (1%)
	Juvenile idiopathic arthritis (oligoarthritis)	39 (1%)
	Behcets	36 (1%)
	Mixed connective tissue disease	31 (1%)
	Anti-phospholipid antibody syndrome	29 (1%)
	Ocular inflammation	22 (1%)
	Systemic juvenile idiopathic arthritis	21 (<1%)
	IgG4-related disease	8 (<1%)
	Chronic recurrent multifocal osteomyelitis	2 (<1%)
	Localised scleroderma (morphea)	1 (<1%)
	Inclusion body myositis (IBM)	1 (<1%)
<hr/>		
Comorbidities	None stated	1410 (32%)
N (%)	Lung disease (includes ILD, COPD, asthma, other lung disease)	729 (17%)
<i>Note: 172 patients are missing comorbidity data</i>	Diabetes	477 (11%)
	Hypertension	1345 (31%)

EULAR COVID-19 Database

for rheumatologists and other clinicians

	Cardiovascular disease	530 (12%)
	Obesity (BMI \geq 30)	627 (14%)
<hr/>		
Required Hospitalisation N (%)	Yes	1801 (41%)
	No	2442 (56%)
	Missing	130 (3%)
<hr/>		
Top symptoms reported N (%)	Fever	2853 (65%)
	Cough	2596 (59%)
	Shortness of breath	1725 (39%)
	Fatigue	1191 (27%)
	Anosmia	1085 (25%)
	Dysgeusia	1061 (24%)
	Diarrhea, Vomitting	1002 (23%)
<hr/>		
DMARDs at time of COVID N (%)	Any DMARD	3475 (79%)
	<i>csDMARDs</i>	2419 (55%)
	<i>bDMARDs</i>	1666 (38%)
	<i>tsDMARDs</i>	137 (3%)

Disclaimer

The EULAR COVID-19 Database is based on doctors voluntarily reporting cases, meaning that patients included do not necessarily represent the majority of patients with RMDs and COVID-19, but those who their doctors reported data to the database. Additionally, this database does not account for non-covid19 patients. Therefore, results cannot be directly extrapolated to the entire population of patients with RMDs and COVID-19, and should be interpreted cautiously. For research purposes and proper considerations, this data requires adequate analysis, further adjustments and stratifications.

read more. share. eular.org