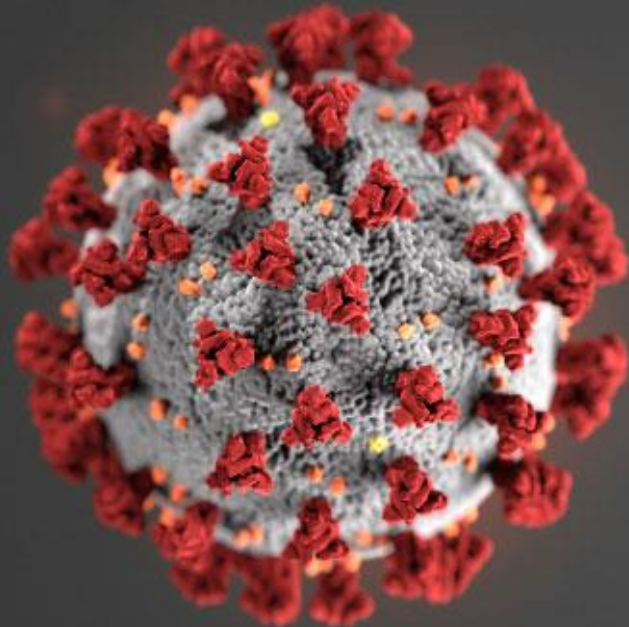


SARS-CoV-2 Report - Portugal

José Luis Pires

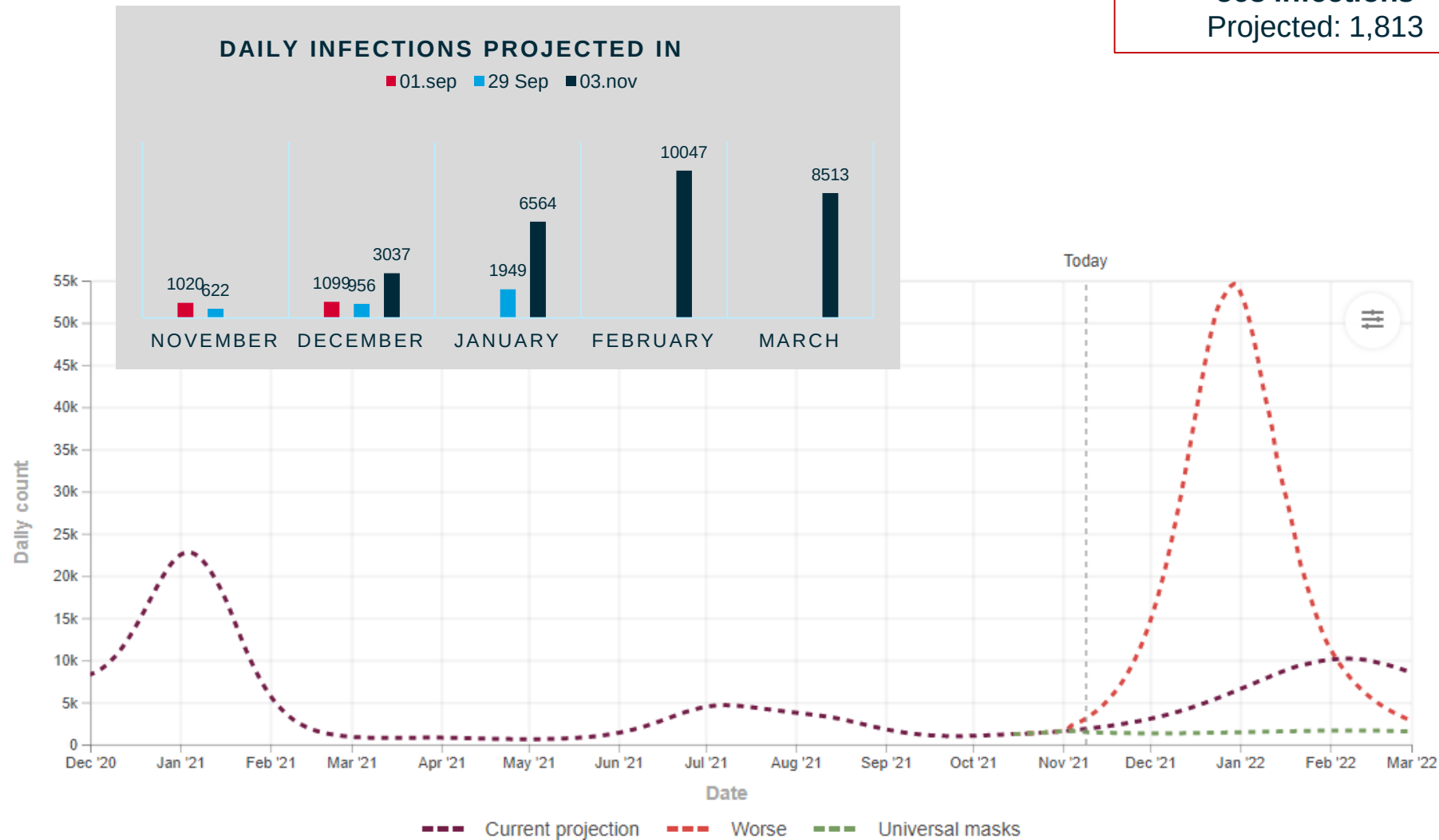
November 2021



Portugal - Coronavirus (SARS-CoV-2 / COVID 19)

- Covid-19 Daily Infection Projections in Portugal
- New cases per week
- Hospital stable/ICU per week
- Active cases
- New deaths per week
- Fatality Rate
- Vaccination Plan
- Cases per 100.000
- Transmission Rate - $R(t)$ in Portugal
- Transmission Rate - $R(t)$ in Lisbon and Tagus Valley
- Economic Projections for Portugal
- Coronavirus Outbreak Worldwide
- Where each vaccine is being used
- Tracking vaccination rates by country
- Confirmed cases by country
- Deaths by Country
- Number of COVID-19 cases reported weekly by WHO Region, and global deaths
- Latest Cases and Deaths by TOP 10 Countries
- Latest News

Covid-19 Daily Infection Projections in Portugal



8 Nov 2021
568 infections
Projected: 1,813

Current projection : Vaccine distribution is scaled up over 90 days. Variant B.1.1.7 continues to spread in certain locations.

Worse : In those who are vaccinated, mobility moves toward pre-COVID-19 levels.

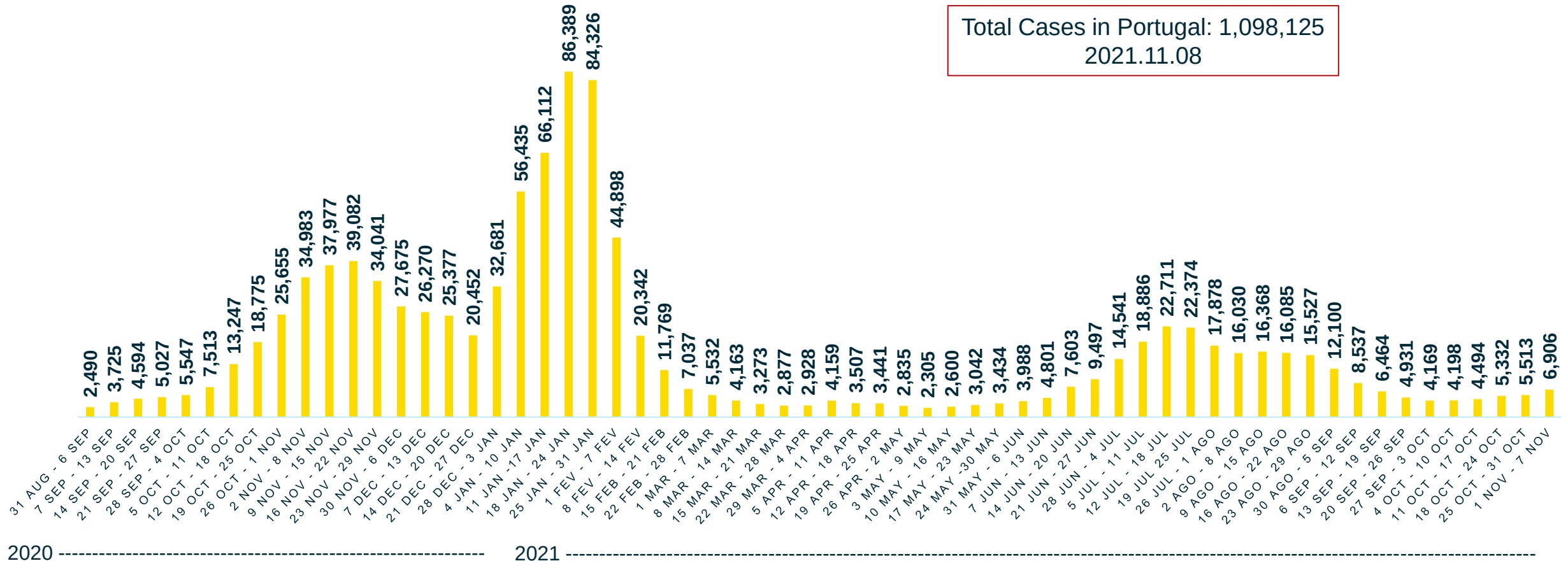
Universal masks : 95% mask usage is adopted in public.

**Projection
Daily Infections**

For 1 March 2022

3 Nov Projection: 8,513

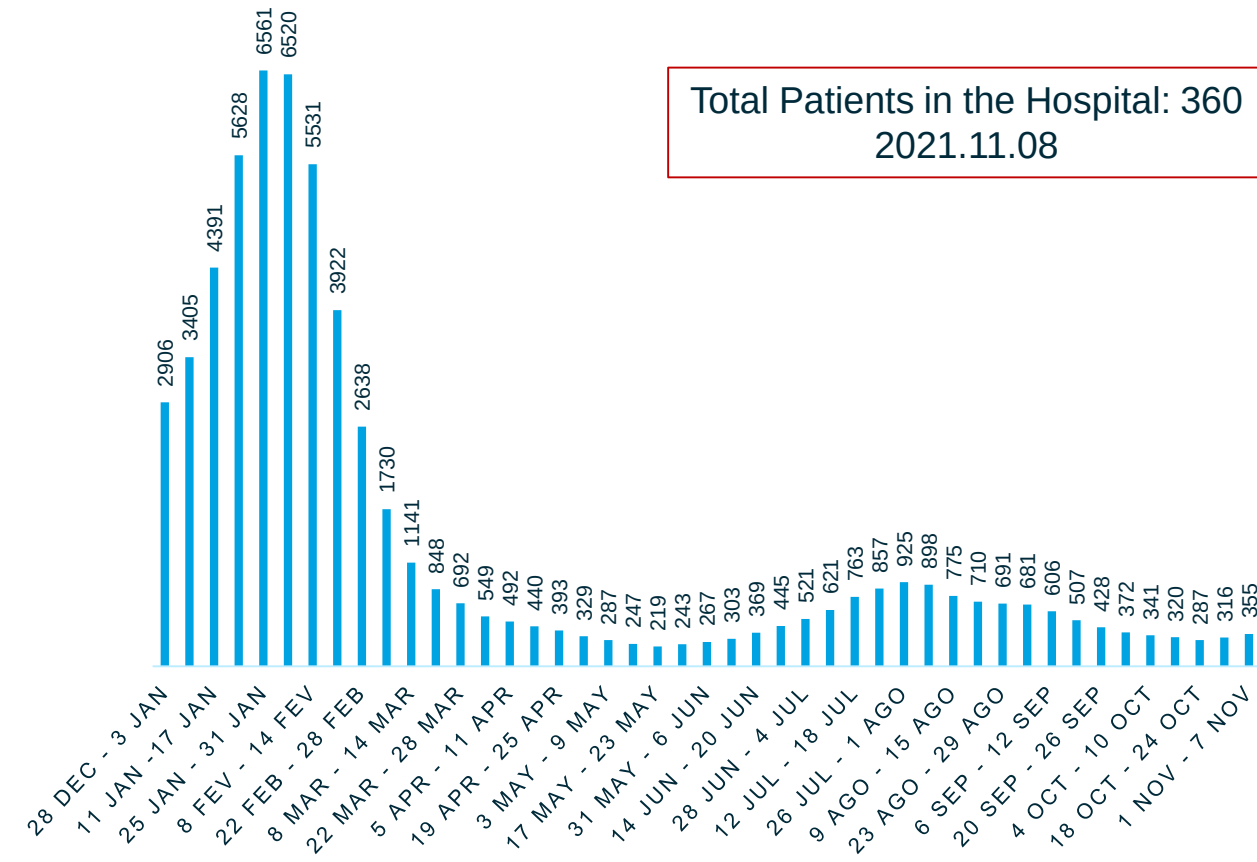
Coronavirus (SARS-CoV-2 / COVID 19) – Portugal – New cases per week



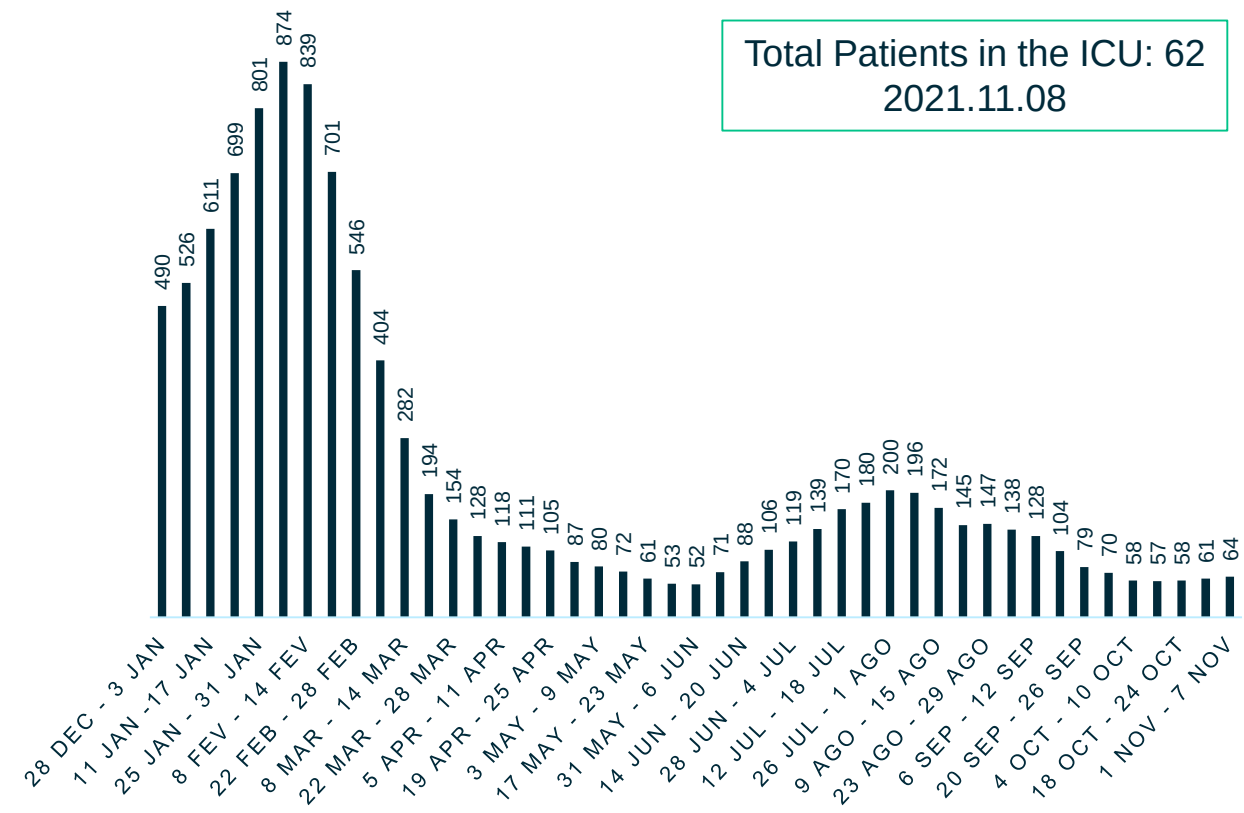
Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Coronavirus (SARS-CoV-2 / COVID 19) – Portugal – Hospital stable/ICU per week

■ Average # of Patients stable in the Hospital per week

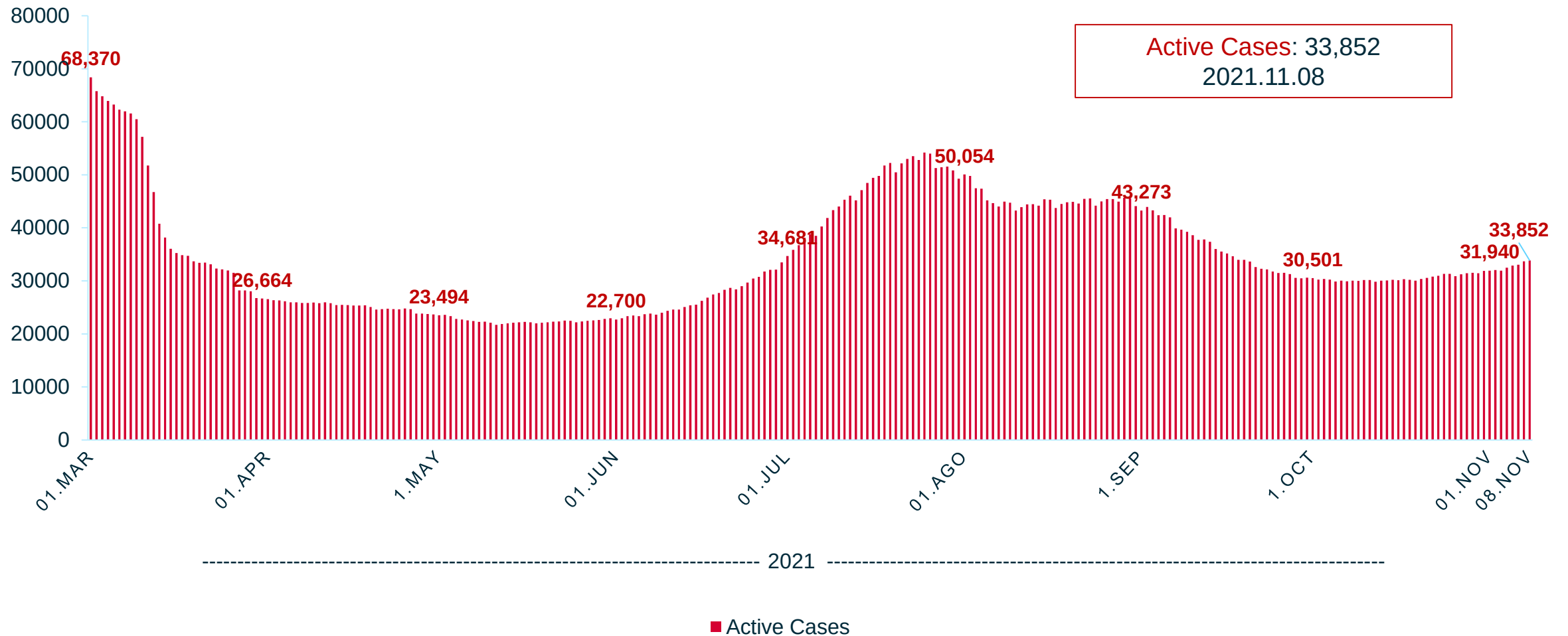


■ Average # of Patients in the ICU per week



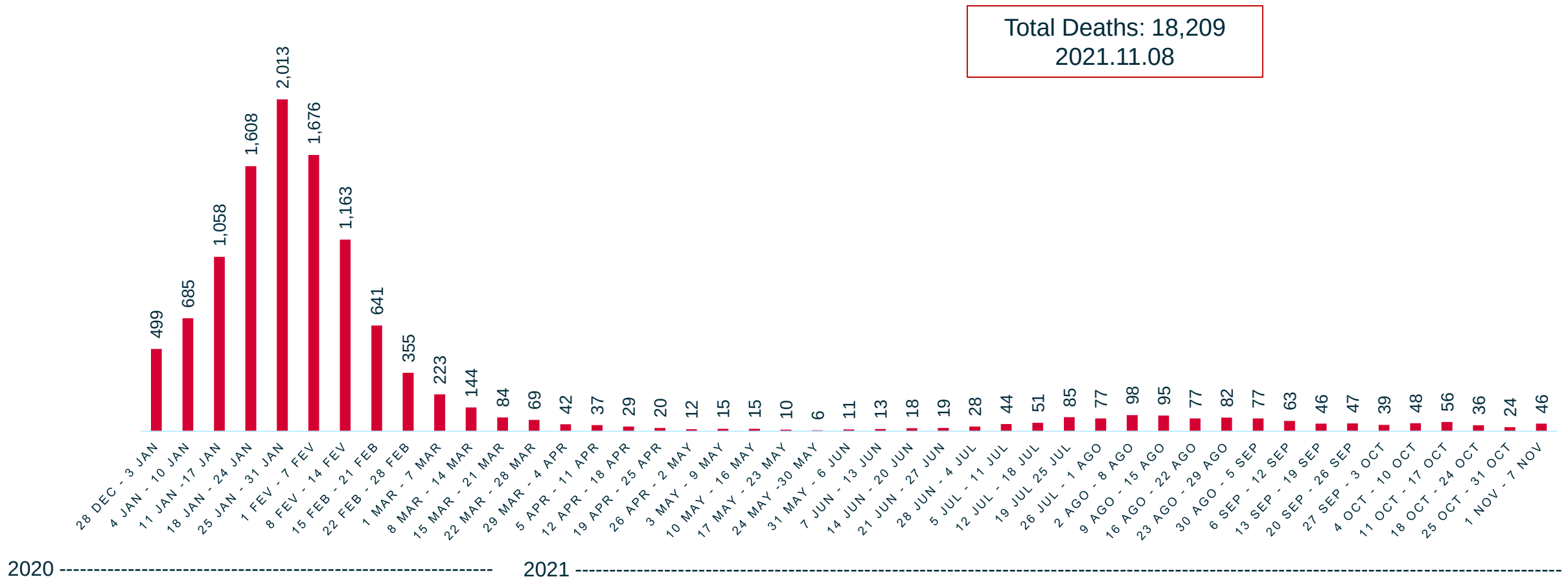
Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Coronavirus (SARS-CoV-2 / COVID 19) – Portugal – Active cases



Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Coronavirus (SARS-CoV-2 / COVID 19) – Portugal – New deaths per week



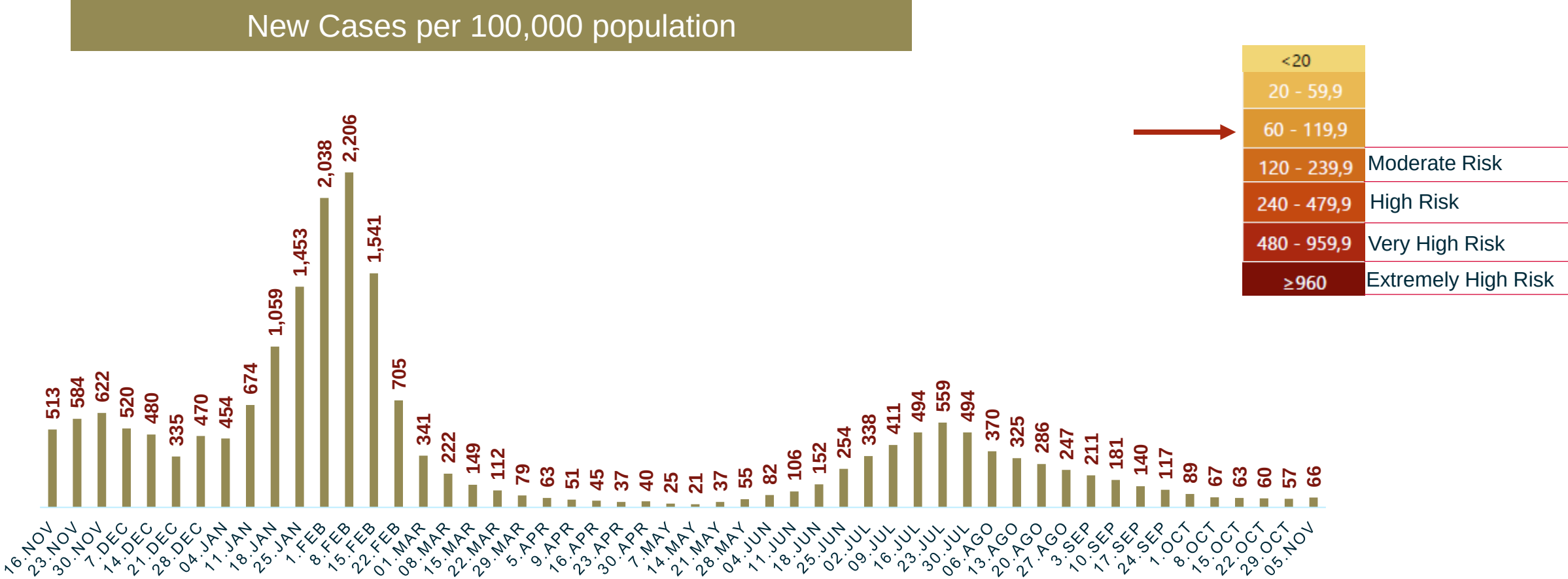
Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Portugal – Fatality Rate



Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

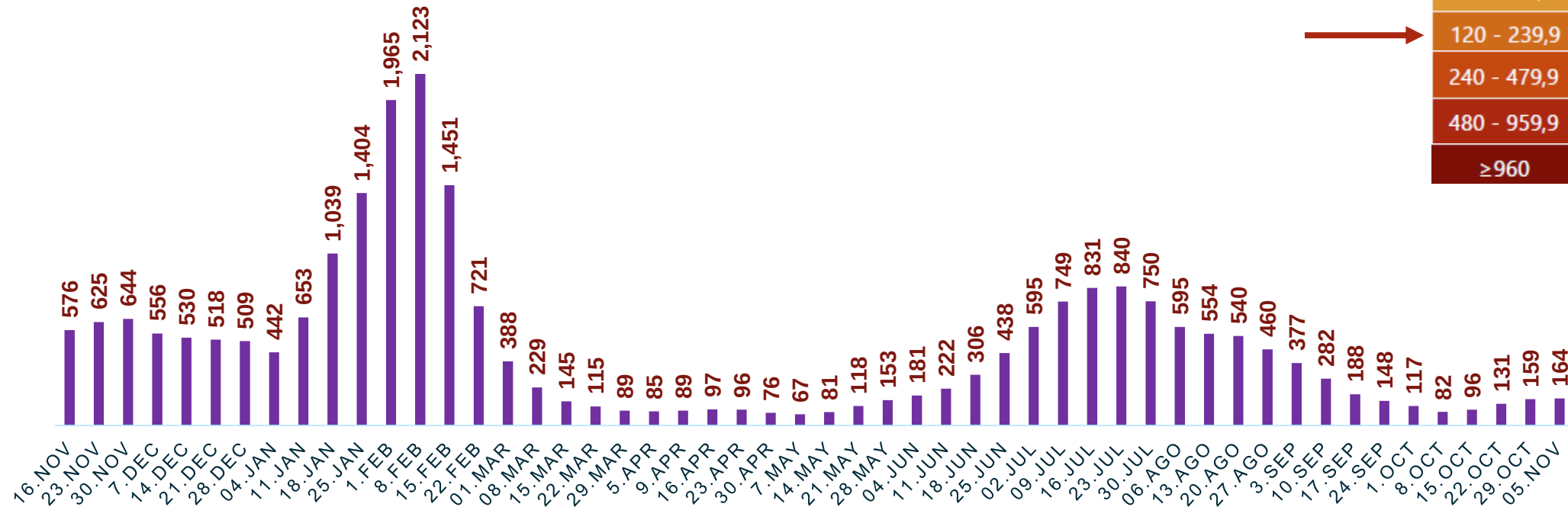
Coronavirus (SARS-CoV-2 / COVID 19) – Loures



Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Coronavirus (SARS-CoV-2 / COVID 19) – Lisbon

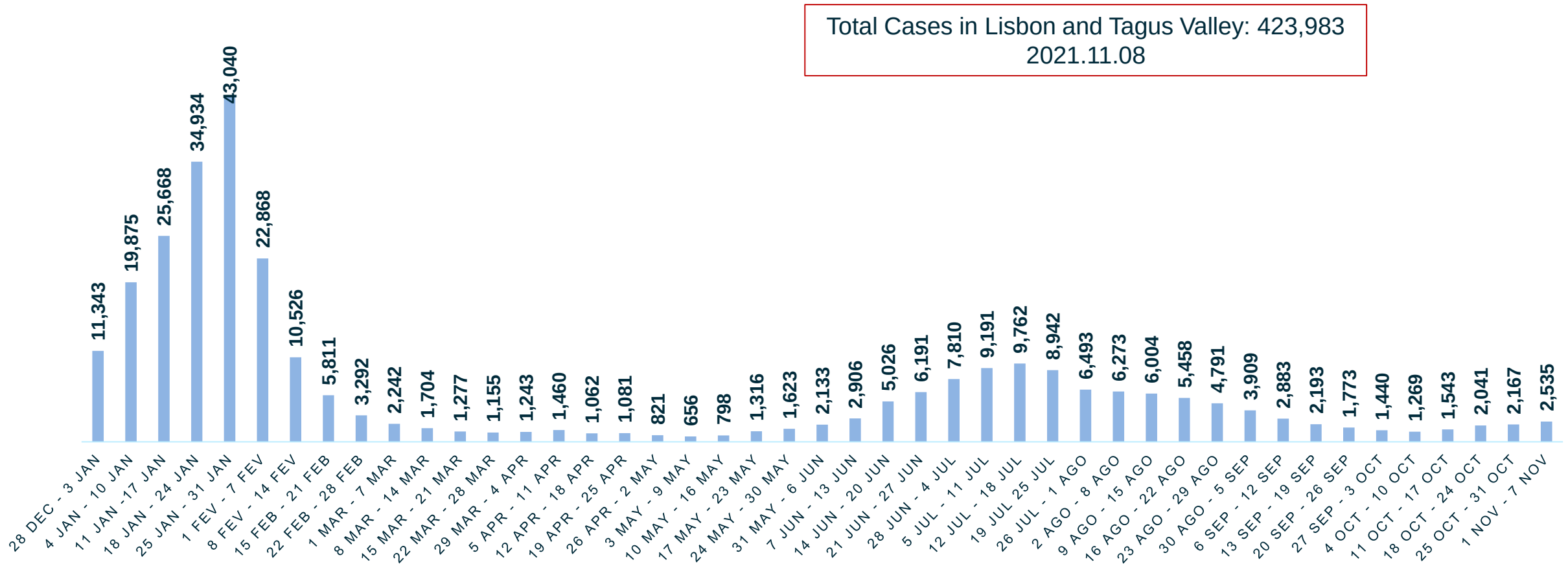
New Cases per 100,000 population



<20	
20 - 59,9	
60 - 119,9	
120 - 239,9	Moderate Risk
240 - 479,9	High Risk
480 - 959,9	Very High Risk
≥960	Extremely High Risk

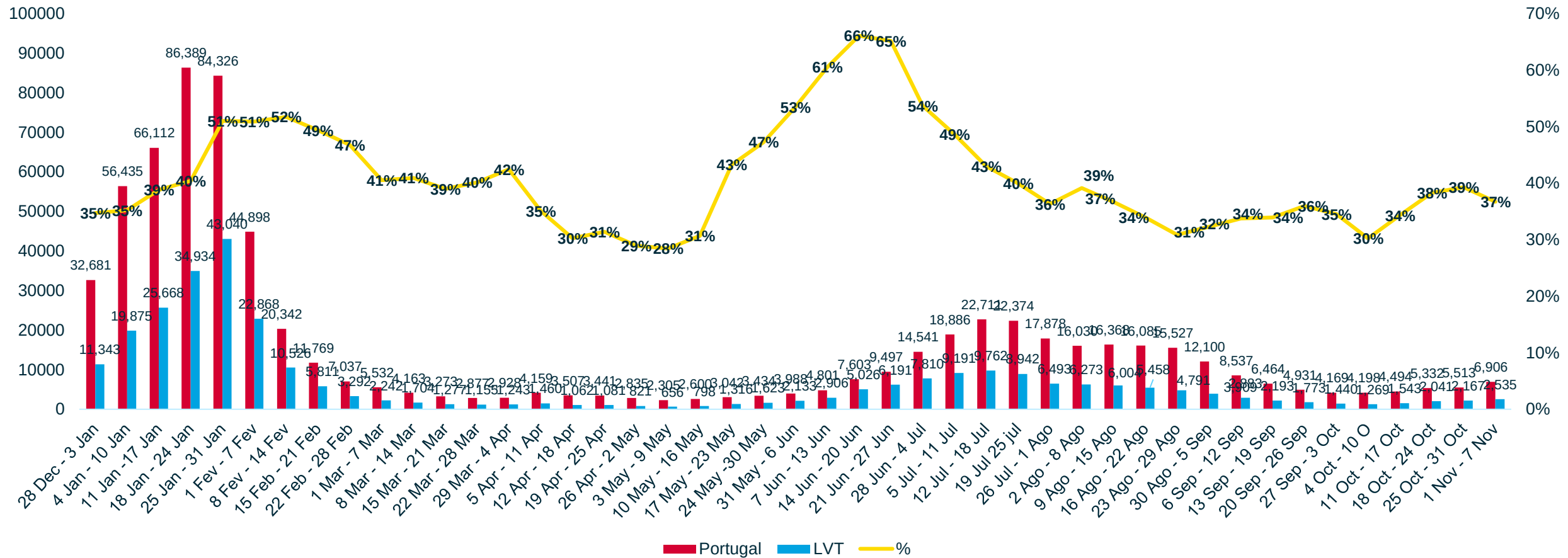
Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Coronavirus (SARS-CoV-2 / COVID 19) – **Lisbon and Tagus Valley** - New cases per week



Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Coronavirus (SARS-CoV-2 / COVID 19) – % of new cases in Lisbon and Tagus Valley - New cases per week



Source: <https://covid19.min-saude.pt/ponto-de-situacao-atual-em-portugal/>

Portugal Vaccination Plan

From: 27 Dec 2020
To: 31 Oct 2021

Pessoas com pelo menos
uma dose ¹
9 026 755(87%)

Pessoas com vacinação
completa ²
8 885 782(86%)

Existem 2 124 pessoas vacinadas com dose em fase de registo (+34 na semana em análise)

Pessoas com pelo menos uma dose e pessoas com vacinação completa

Grupo Etário	Pelo menos uma dose		Vacinação completa	
12 – 17	557 473	90%	536 878	86%
18 – 24	724 359	93%	701 079	90%
25 – 49	3 191 328	96%	3 124 342	94%
50 – 64	2 169 339	100%	2 149 306	99%
65 – 79	1 687 465	100%	1 680 220	100%
≥ 80	696 288	100%	693 798	100%

Existem pelo menos 503 pessoas com grupo etário por atribuir

Doses Recebidas



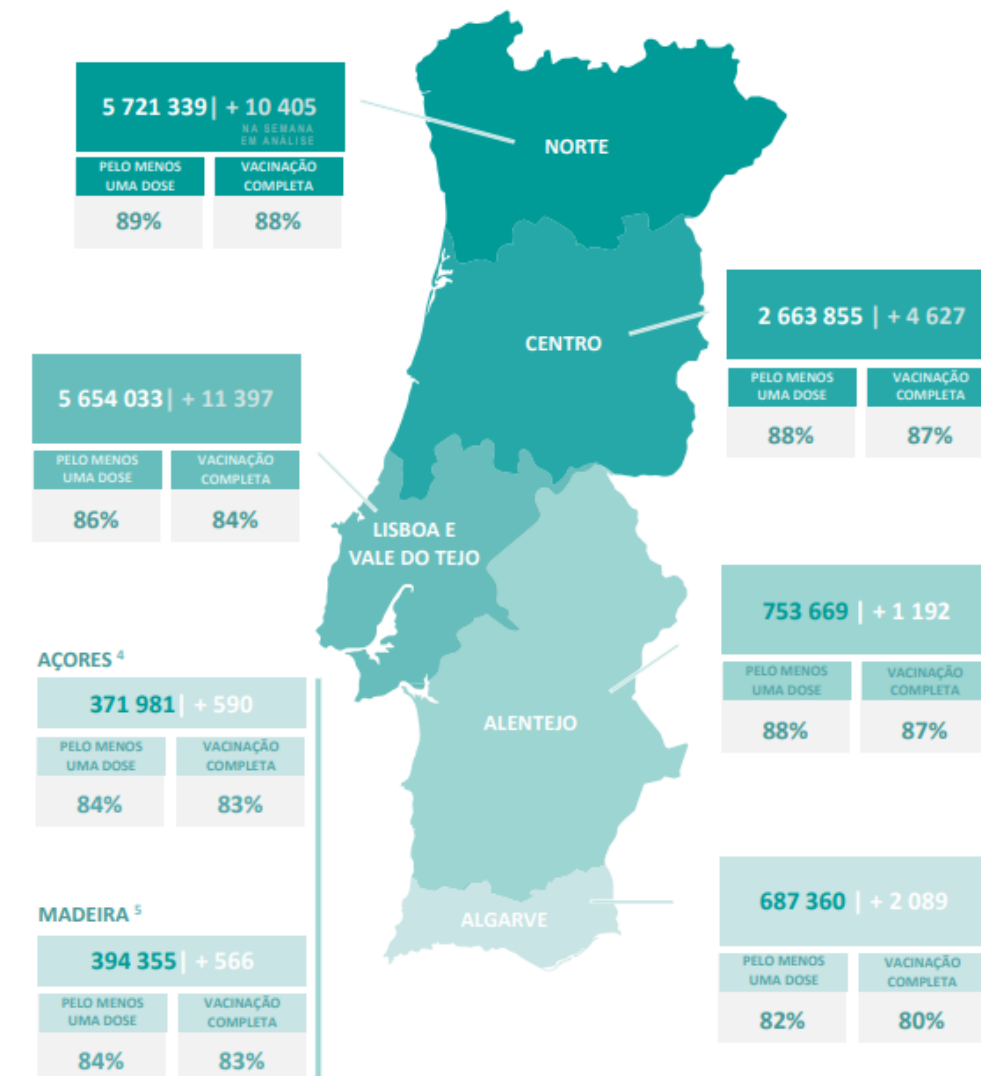
22 153 760

Doses Distribuídas ³



16 799 210

Número de doses administradas e
cobertura vacinal na população residente (%) por região de Saúde



SARS-CoV-2 / COVID 19

Portugal - cases per 100.000

25 June

2 July

3 September

13 October

5 November

5 Nov 2021

Loures

66

Lisbon

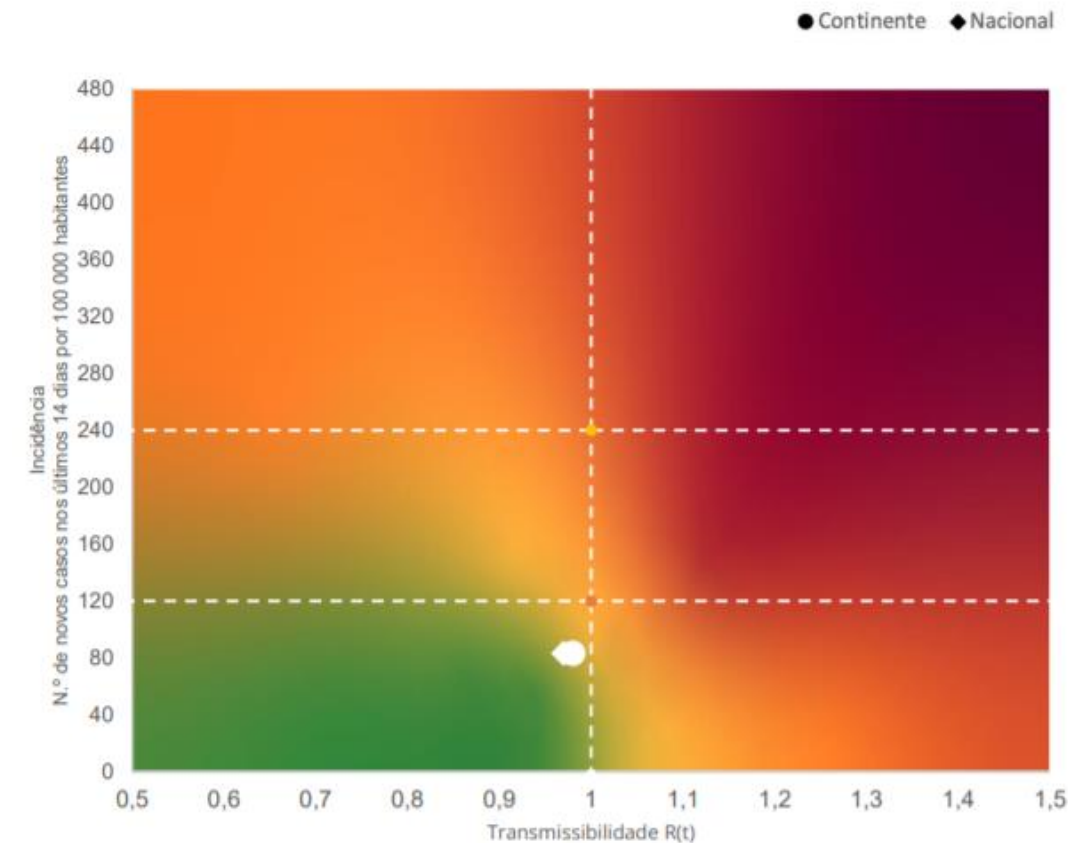
164

<20 20-59,9 60-119,9 120-239,9 240-479,9 480-959,9 ≥960

COVID-19 | RELATÓRIO DE SITUAÇÃO | 13-10-2021

MATRIZ DE RISCO

Realização da análise: 13-10-2021



INCIDÊNCIA

Nacional: **83,2** casos de infeção por SARS-CoV-2/ COVID-19 por 100 000 hab.
Continente: **83,2** casos de infeção por SARS-CoV-2/ COVID-19 por 100 000 hab.

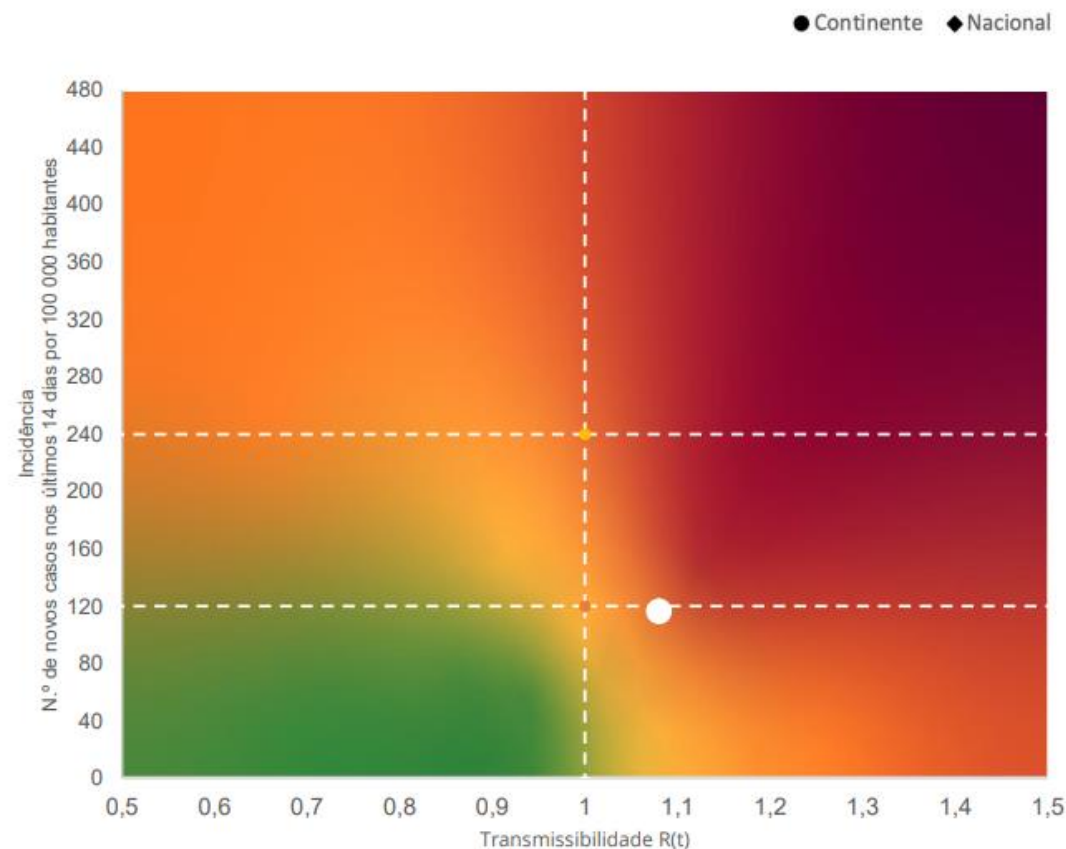
$R(t)$

Nacional: **0,97**
Continente: **0,98**

COVID-19 | RELATÓRIO DE SITUAÇÃO | 08-11-2021

MATRIZ DE RISCO

Realização da análise: 08-11/2021



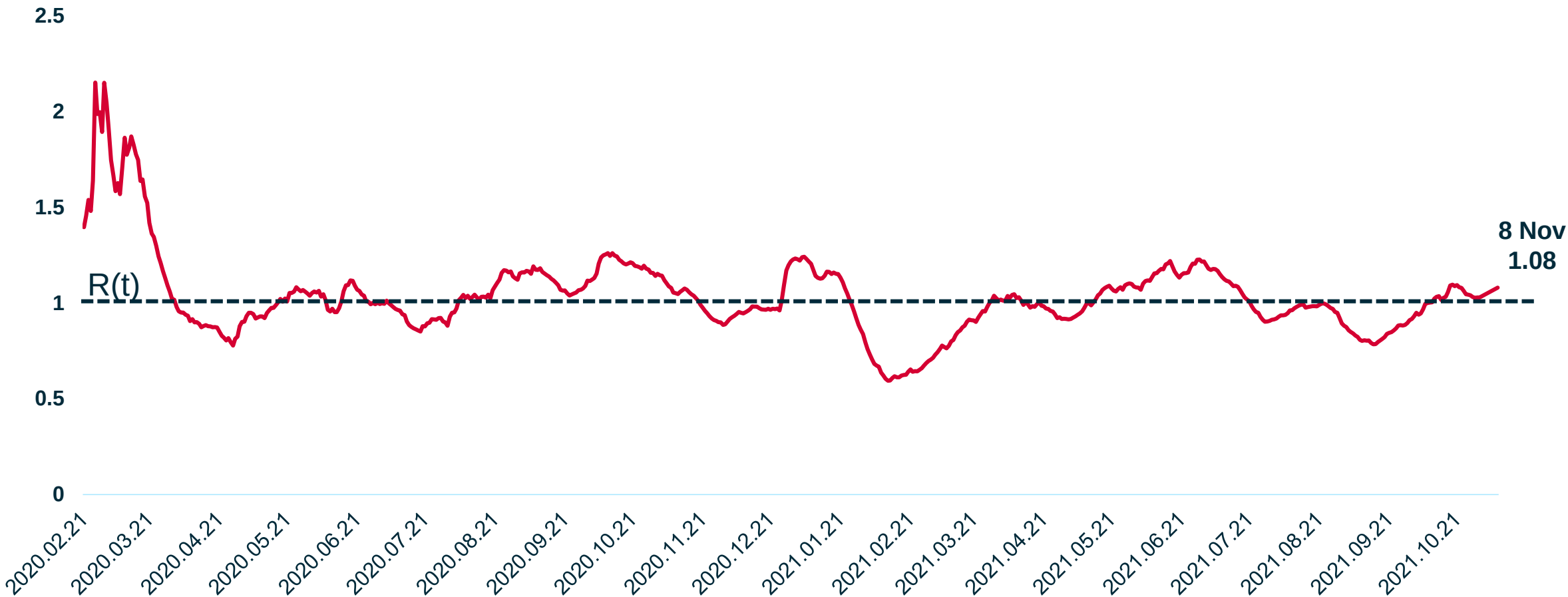
INCIDÊNCIA

Nacional: **116,9** casos de infeção por SARS-CoV-2/ COVID-19 por 100 000 hab.
Continente: **116,4** casos de infeção por SARS-CoV-2/ COVID-19 por 100 000 hab.

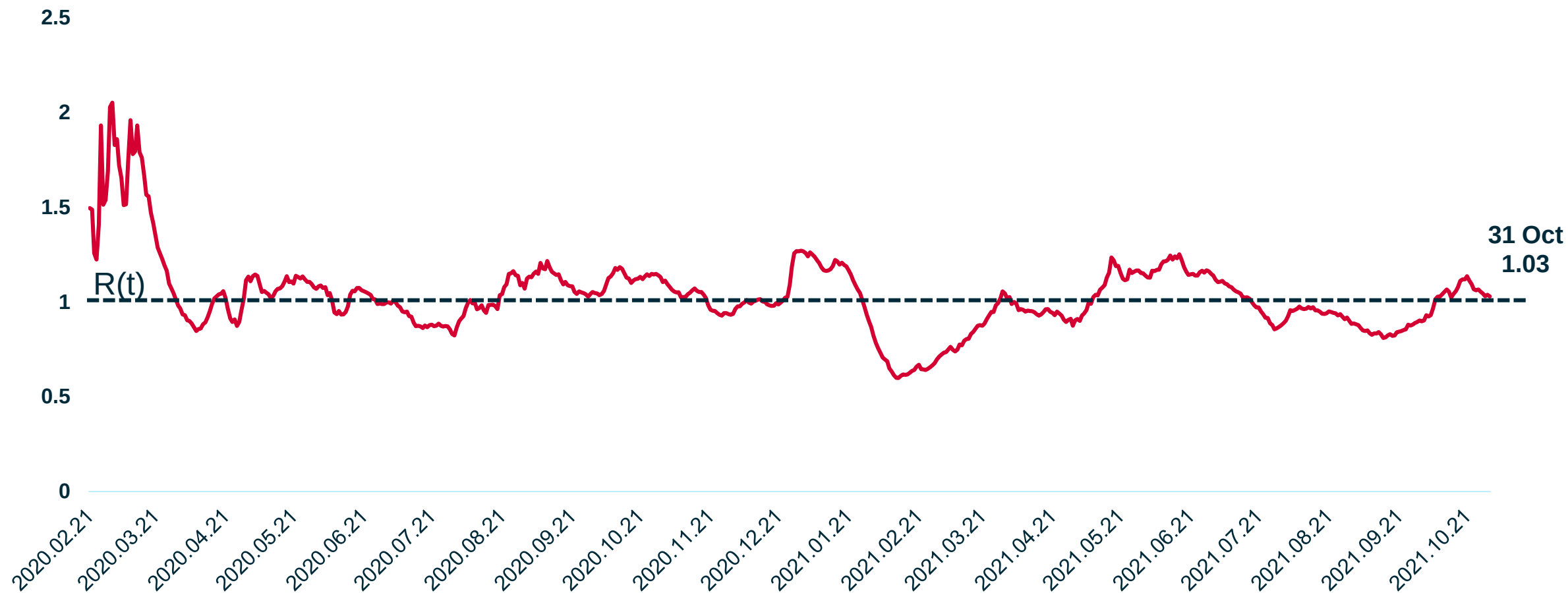
$R(t)$

Nacional: **1,08**
Continente: **1,08**

Transmission Rate - R(t) in Portugal



Transmission Rate - $R(t)$ in Lisbon and Tagus Valley

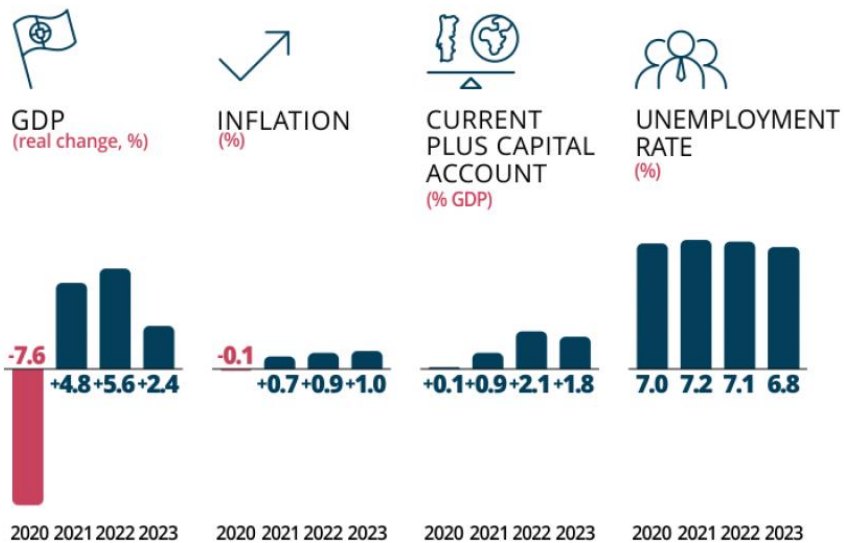


Economic Projections for Portugal

June 2021

JUN. 2021

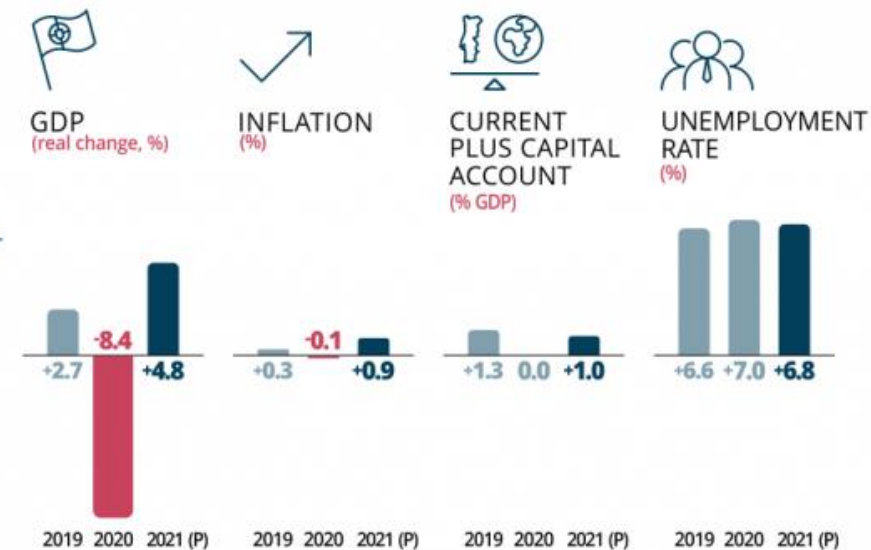
ECONOMIC
PROJECTIONS
FOR PORTUGAL
2021-23



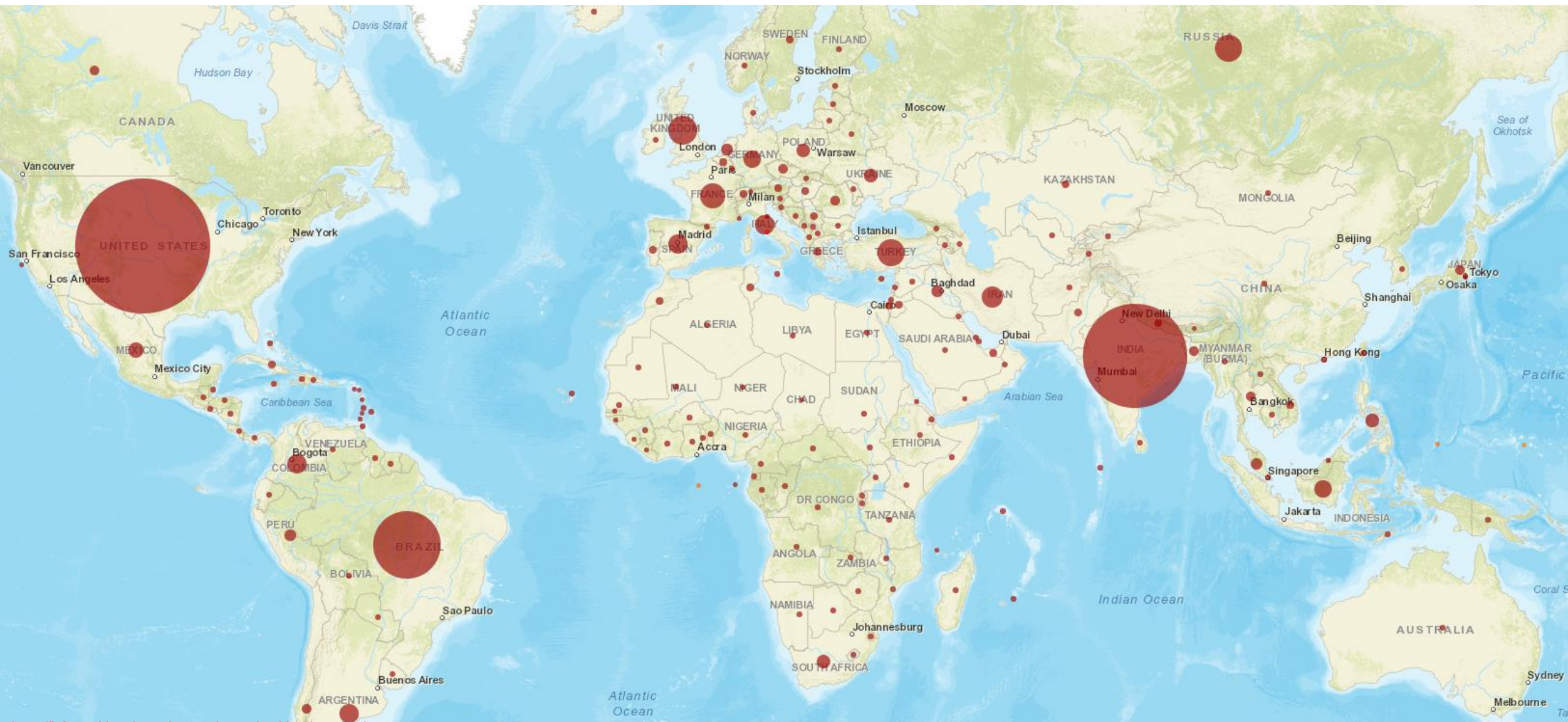
October 2021

OCT. 2021

ECONOMIC
PROJECTIONS
FOR PORTUGAL
2021

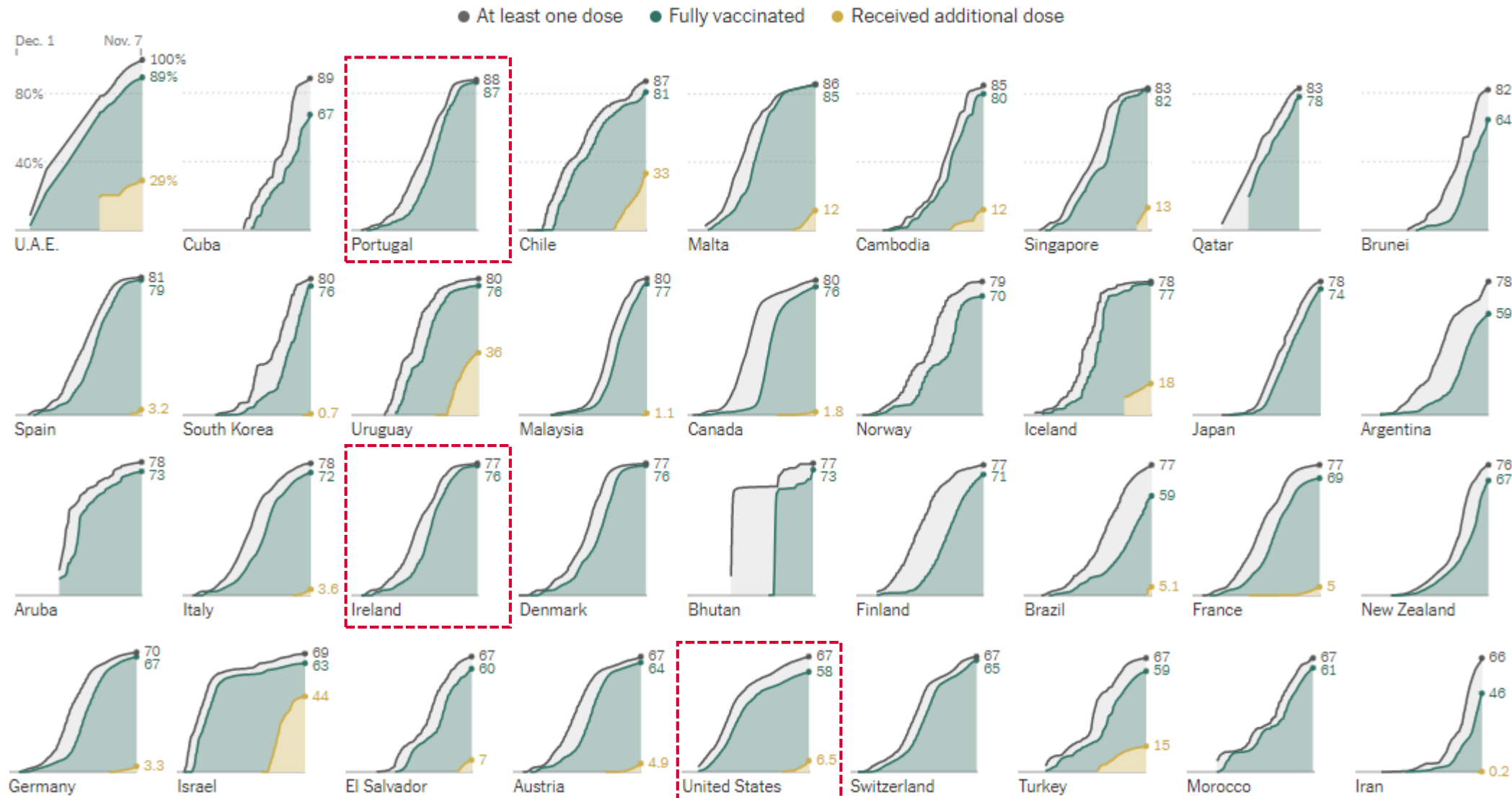


Coronavirus Outbreak Worldwide



Tracking vaccination rates by country

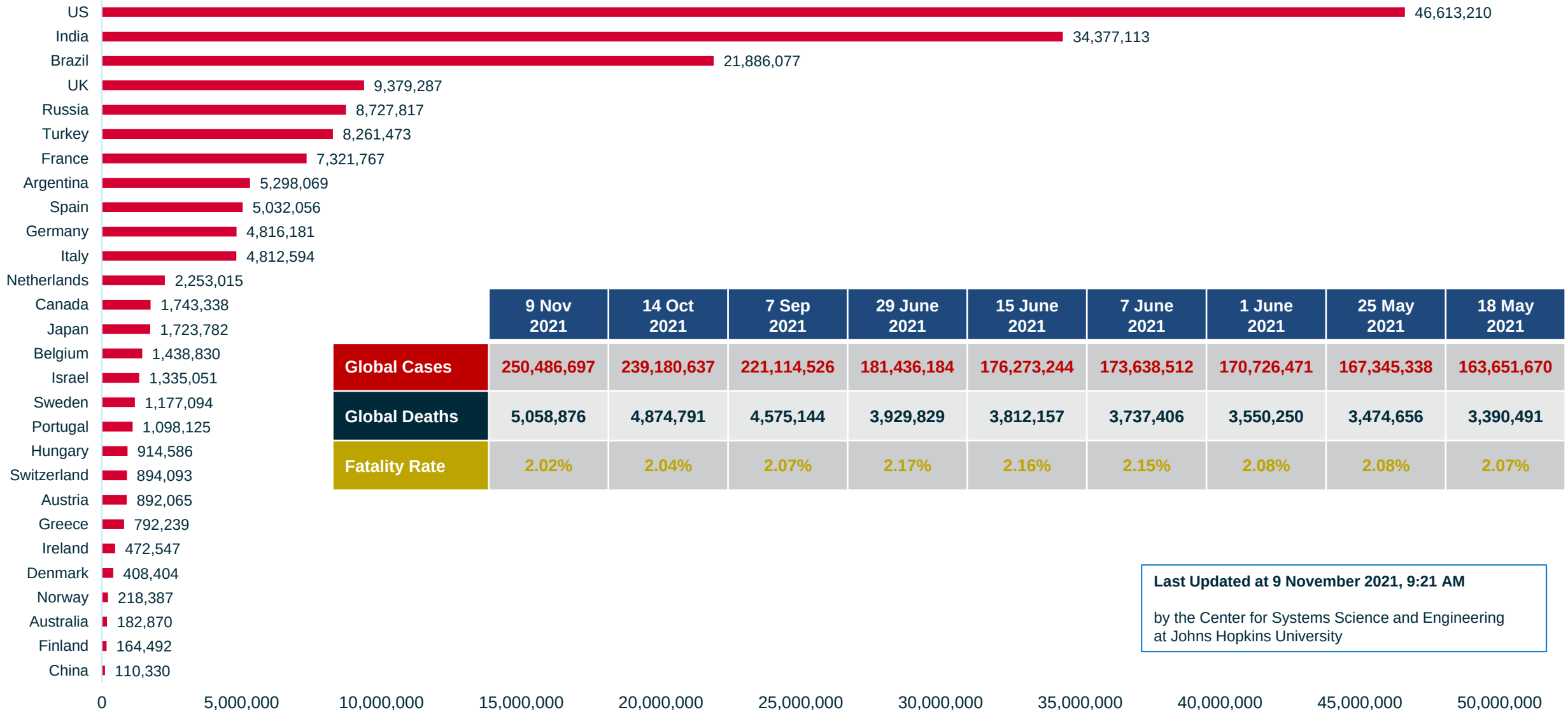
Share of Population Vaccinated: 8 November 2021



Source: The New York Times

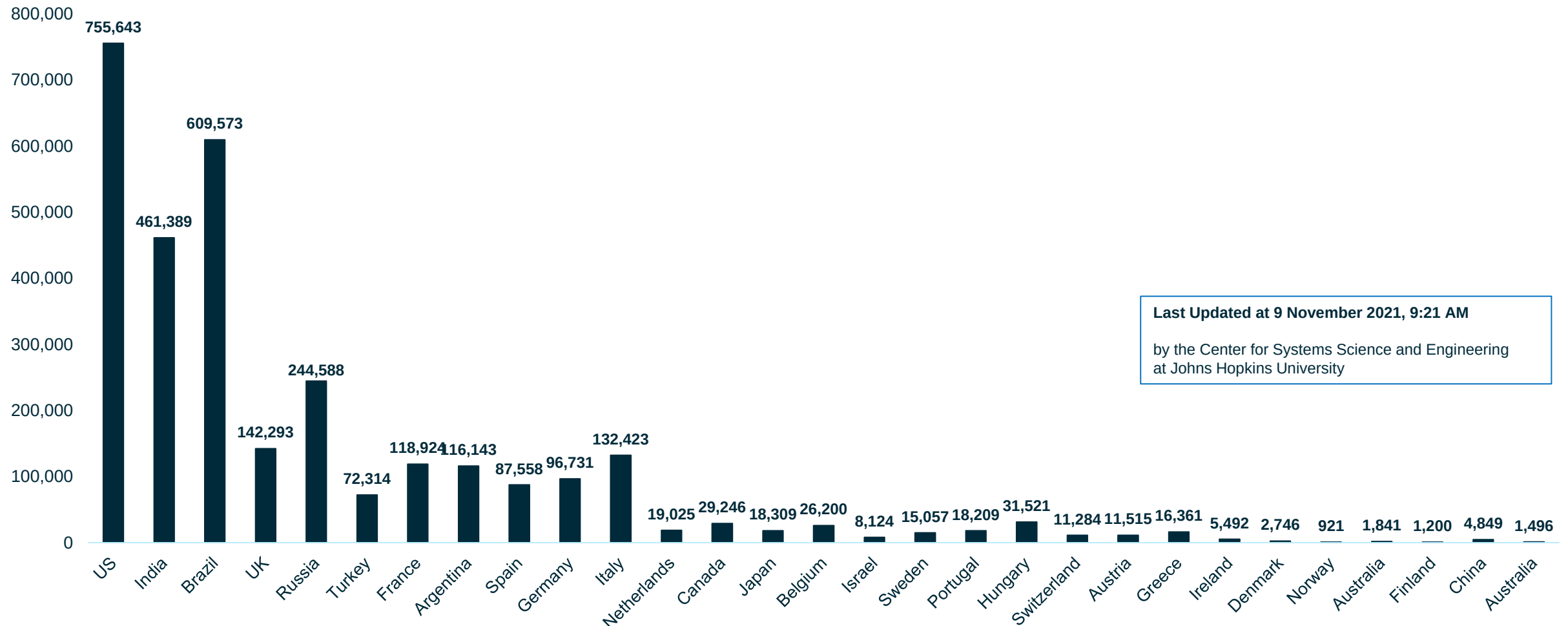
Coronavirus (SARS-CoV-2 / Covid-19) – Confirmed cases by country

Note: Selected Countries, sorted by # of cases



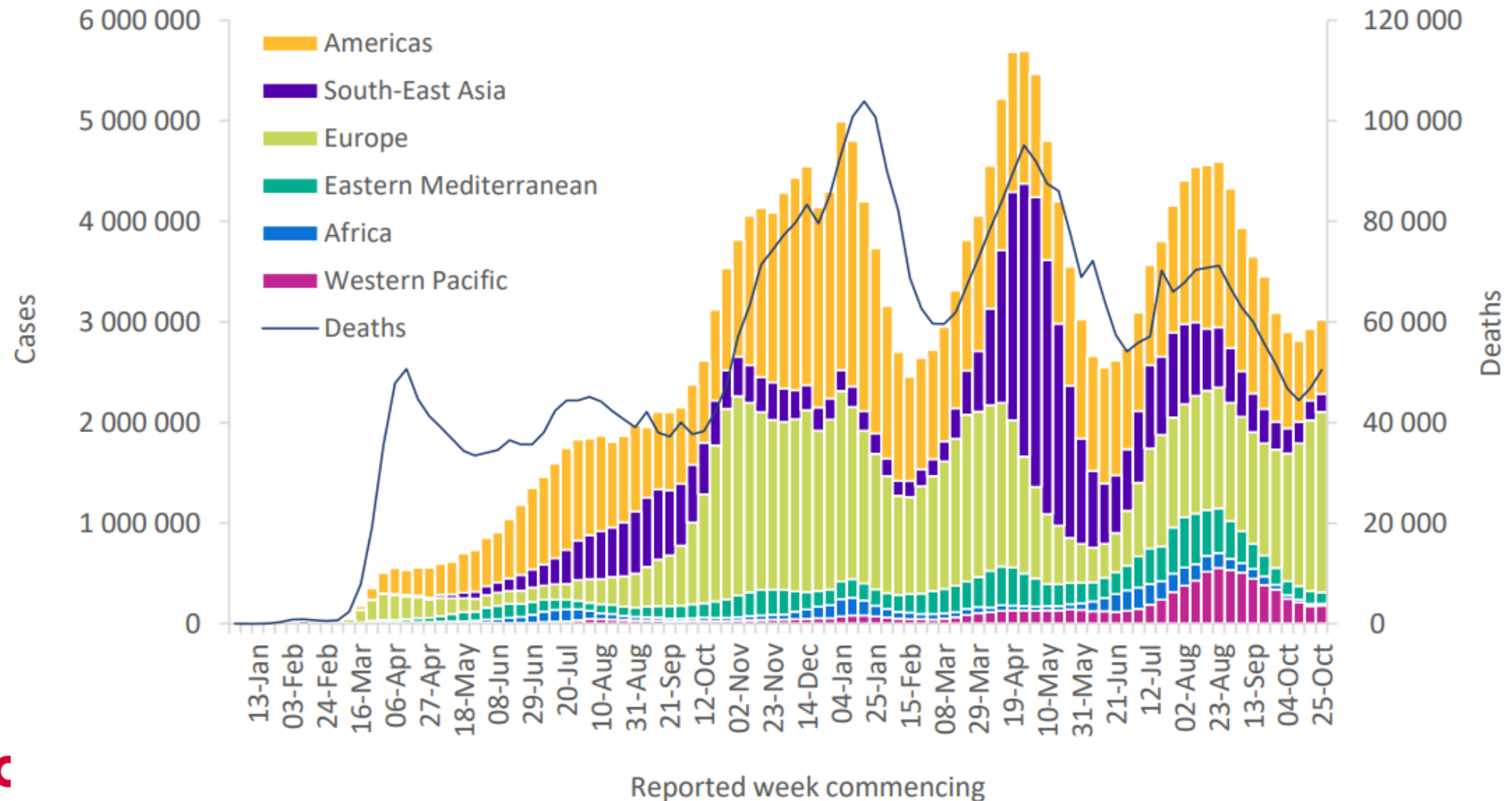
Coronavirus (SARS-CoV-2 / Covid-19) – Deaths by Country

Note: Selected Countries, sorted by # of cases



Source: <https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>

Number of COVID-19 cases reported weekly by WHO Region, and global deaths, as of 31 October 2021



Source: WHO

Hovic

In it for life

Latest Cases and Deaths by TOP 10 Countries – 8 November 2021

Total Cases	
1	USA
2	India
3	Brazil
4	United Kingdom
5	Russia
6	Turkey
7	France
8	Iran
9	Argentina
10	Spain
41	Portugal

Cases in last 7 days	
1	USA
2	Russia
3	United Kingdom
4	Turkey
5	Germany
6	Ukraine
7	Belgium
8	Poland
9	India
10	Netherlands
57	Portugal

Total Deaths	
1	USA
2	Brazil
3	India
4	Mexico
5	Russia
6	Peru
7	Indonesia
8	United Kingdom
9	Italy
10	Colombia
44	Portugal

Deaths in last 7 days	
1	Russia
2	USA
3	United Arab Emirates
4	Romania
5	India
6	Brazil
7	Mexico
8	Uganda
9	Philippines
10	Bulgaria
77	Portugal

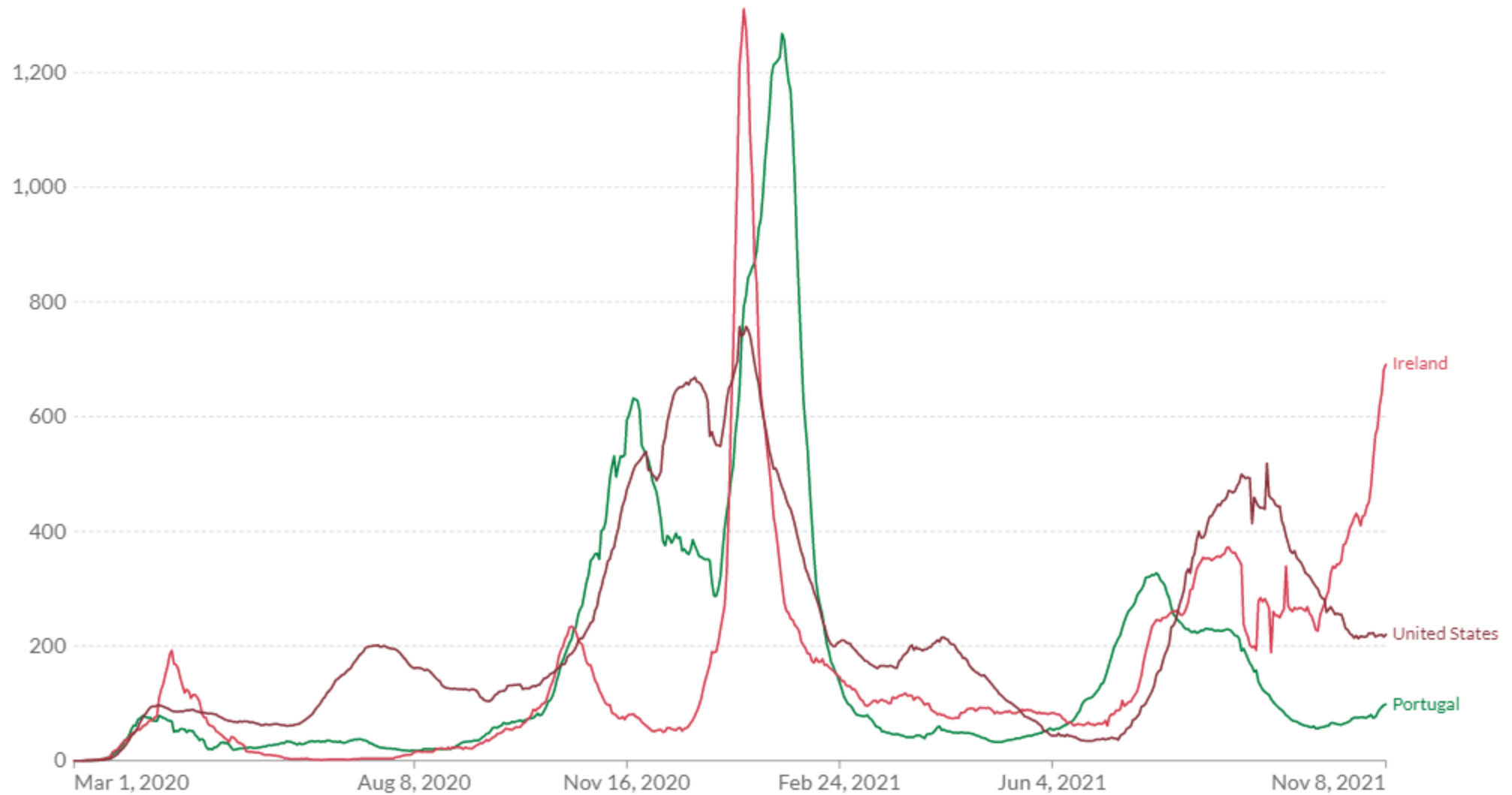
Total Cases per million people	
1	Georgia
2	Serbia
3	Slovenia
4	Czechia
5	Bahrain
6	Estonia
7	Lithuania
8	Israel
9	USA
10	United Kingdom
28	Portugal

Cases in last 7 days per million people	
1	Slovenia
2	Georgia
3	Croatia
4	Belgium
5	Estonia
6	Slovakia
7	Austria
8	Lithuania
9	Latvia
10	Serbia
51	Portugal

Total Deaths per million people	
1	Peru
2	Bulgaria
3	Bosnia and Herzegovina
4	North Macedonia
5	Hungary
6	Moldova
7	Czechia
8	Brazil
9	Georgia
10	Romania
35	Portugal

Deaths in last 7 days per million people	
1	United Arab Emirates
2	Bulgaria
3	Romania
4	Latvia
5	Moldova
6	Georgia
7	Armenia
8	West Bank and Gaza
9	Lithuania
10	Croatia
69	Portugal

Daily new confirmed COVID-19 cases per million people



Source: Johns Hopkins University CSSE COVID-19 Data

Latest News

- **Europe is once again a centre of the Covid pandemic**, the World Health Organization has said. Cases are at near-record levels and 500,000 more deaths are forecast by February. Uneven vaccine coverage and a relaxation of preventive measures have brought Europe to a “critical point” in the pandemic, WHO says.
- **Covid hospitalisations in France saw their highest daily rise since August.** French health authorities said the number of people hospitalised because of Covid went up by 156 over the past 24 hours, the highest daily rise since 23 August, to reach a one-month peak of 6,865. The president Emmanuel Macron will address the nation on Tuesday about the resurgence of Covid infections.
- **The UK has become the first country to approve an oral antiviral pill to treat Covid.** Nearly half a million doses of **molnupiravir**, a pill that can be taken twice daily at home, are due for delivery from mid-November and will be given as a priority to elderly Covid patients and those with particular vulnerabilities, such as weakened immune systems.
- **Pfizer’s Covid antiviral pill slashes hospitalisation risk.** Pfizer’s Covid-19 oral antiviral drug (**Paxlovid**) cut the risk of hospitalisation or death by 89 per cent in a late-stage trial, creating a potential new tool in treating patients and combating the pandemic.
- **AstraZeneca will not pursue marketing authorisation for its Covid-19 vaccine in Switzerland.** The company attributed the move to medical regulator Swissmedic’s insistence on limiting the usage of the vaccine to individuals aged 50 years and above.
- **The UK** has had its highest number of daily Covid deaths reported since late February. More than 10 million people have had Covid booster jabs in the UK, according to new figures, as people were told to get their top-up to help prevent restrictions this Christmas. The UK government could restrict travel for people who refuse Covid boosters as government sources confirmed they are looking at plans for travel restrictions on people who do not take up the booster offer.
- **Ireland:** Public health officials in Ireland say that its case numbers are at their highest point since January, as another 3,726 were registered – 70% higher than a week ago.
- **Netherlands:** Weekly positive cases jumped by 39% on Tuesday and coronavirus hospital admissions rose by around 30% week-on-week.
- **Greece** has announced new restrictions on non-vaccinated people and increased fines for non-compliance.
- **Denmark**, which has one of Europe’s highest vaccination rates, plans to reintroduce some restrictions to halt a recent spike in cases.
- The Philippines Department of Science and Technology is set to commence subject enrolment in **a clinical trial of Merck’s anti-parasitic drug, ivermectin**, against Covid-19 next month, CNN reported. The trial is expected to enrol 1,464 asymptomatic and non-severe Covid-19 cases patients. Initial data from the trial is expected by the end of this year. In February, Merck affirmed its position that current evidence does not support the safety and efficacy of ivermectin beyond the doses and populations indicated in the regulatory agency-approved prescribing information.

Sources

- https://en.wikipedia.org/wiki/Timeline_of_the_2019%E2%80%9320_Wuhan_coronavirus_outbreak
- <https://www.seattletimes.com/seattle-news/health/coronavirus-timeline-how-the-outbreak-unfolded/>
- <https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>
- <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports>
- <https://www.pharmaceutical-technology.com/news/coronavirus-a-timeline-of-how-the-deadly-outbreak-evolved/>
- <https://www.cphi-online.com/updated-covid19-pharma-tracker-news082415.html>
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