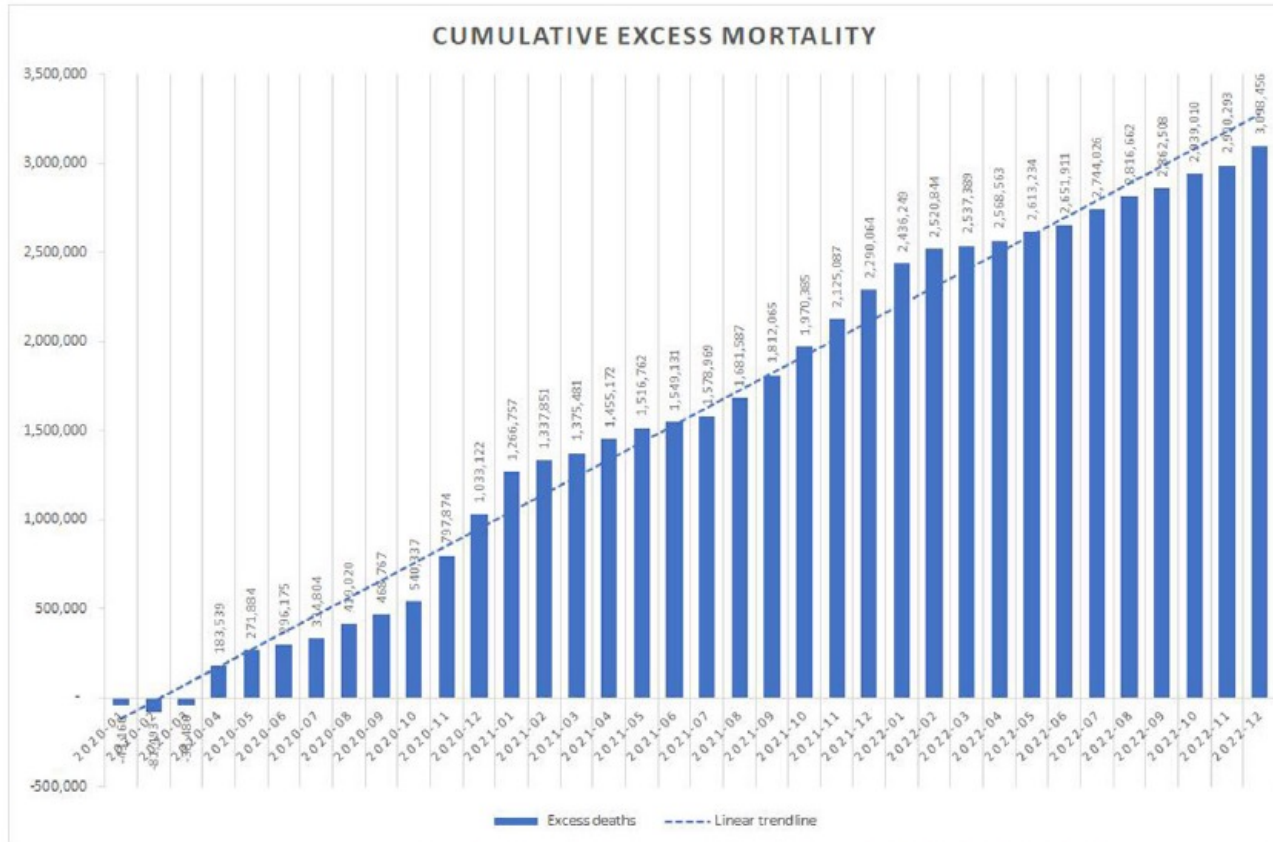


# BMJ Excess Deaths Review

7.10.24

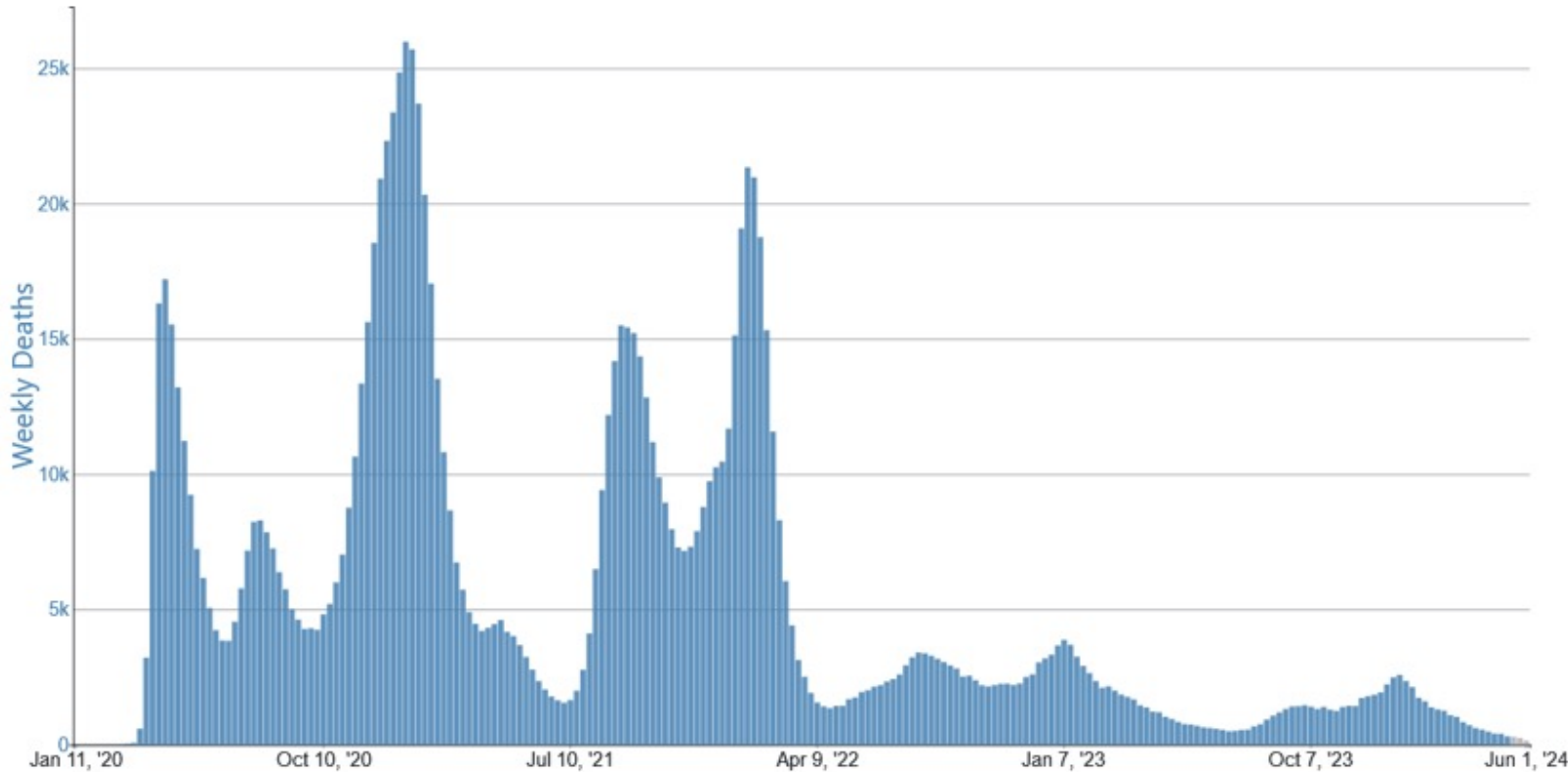
Dr. Paul Marik

Excess mortality across countries in the Western World since the COVID-19 pandemic: 'Our World in Data' estimates of January 2020 to December 2022



**Figure 1** Excess mortality and cumulative excess mortality in the Western World (n=47 countries). *BMJ Public Health* 2024;2:e000282. doi:10.1136/bmjph-2023-000282

Provisional COVID-19 Deaths, by Week, in The United States, Reported to CDC



Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: U.S. Department of Health and Human Services, CDC; 2024, June 13. <https://covid.cdc.gov/covid-data-tracker>

< 60 years IFR was 0.03%  
> 60 years IFR was 0.07%  
0–19 years IFR was 0.0003%

**Figure 1** Excess mortality and cumulative excess mortality in the Western World (n=47 countries).

*BMJ Public Health* 2024;2:e000282. doi:10.1136/bmjph-2023-000282

## 20 Most Vaccinated Countries

#	iso_code	location	BASELINE (Average)		Type	Excess			Improved w/ vaccine?	No excess w/ vaccine?	
			people_vaccinated_per_hundre	From		To	2020	2021			2022
1	ARE	United Arab Emirates	106	2018	2019	cmr	14.9%	31.1%		FALSE	FALSE
2	QAT	Qatar	106	2017	2019	cmr	14.3%	23.9%	20.0%	FALSE	FALSE
3	PRT	Portugal	95.3	2017	2019	asmr	7.2%	4.4%	2.3%	TRUE	FALSE
4	HKG	Hong Kong	92.4	2017	2019	cmr	5.8%	7.2%	29.3%	FALSE	FALSE
5	CHL	Chile	92.3	2017	2019	asmr	10.2%	17.5%	13.8%	FALSE	FALSE
6	SGP	Singapore	91.6	2017	2019	cmr	2.3%	11.9%	22.9%	FALSE	FALSE
7	ARG	Argentina	91.2	2017	2019	cmr	9.4%	25.7%		FALSE	FALSE
8	CAN	Canada	90.4	2017	2019	asmr	3.2%	2.3%	7.3%	FALSE	FALSE
9	CRI	Costa Rica	89.6	2017	2019	cmr	8.5%	27.7%	17.9%	FALSE	FALSE
10	URY	Uruguay	88	2017	2019	cmr	-4.2%	20.8%	15.3%	FALSE	FALSE
11	ESP	Spain	87	2017	2019	asmr	14.5%	3.6%	6.1%	TRUE	FALSE
12	MUS	Mauritius	86.5	2017	2019	cmr	3.2%	23.7%	20.5%	FALSE	FALSE
13	KOR	South Korea	86.4	2017	2019	asmr	-4.4%	-4.8%	6.7%	FALSE	FALSE
14	ITA	Italy	86.3	2017	2019	asmr	11.6%	5.2%	4.8%	TRUE	FALSE
15	AUS	Australia	84.9	2017	2019	asmr	-5.6%	-3.6%	3.7%	FALSE	FALSE
16	JPN	Japan	84.5	2017	2019	cmr	2.3%	7.8%	17.9%	FALSE	FALSE
17	BHR	Bahrain	84.3	2017	2019	asmr	11.3%	23.1%		FALSE	FALSE
18	NZL	New Zealand	83	2017	2019	asmr	-7.90%	-4.60%	2.3%	FALSE	FALSE
19	MYS	Malaysia	82.9	2017	2019	cmr	-5.2%	26.3%	11.2%	FALSE	FALSE
20	IRL	Ireland	81.8	2017	2019	cmr	-0.6%	5.8%	8.1%	FALSE	FALSE

How many countries achieved normal mortality levels with vaccination?

Improvement	0
Deterioration	20

euronews.

News > World > Portugal

### Portugal has the highest COVID-19 vaccination rate in the world



By Euronews with AP  
Published on 23/09/2021 - 09:35

PORTUGAL  
**resident**



Portugal News

TAGS Portugal Portugal News

### Portugal registers highest level of excess deaths in Europe

By **Natasha Donn** - 19th January 2024