2023 Excess Mortality Positively Associated With COVID Vaccination Rates

Comparison of Countries

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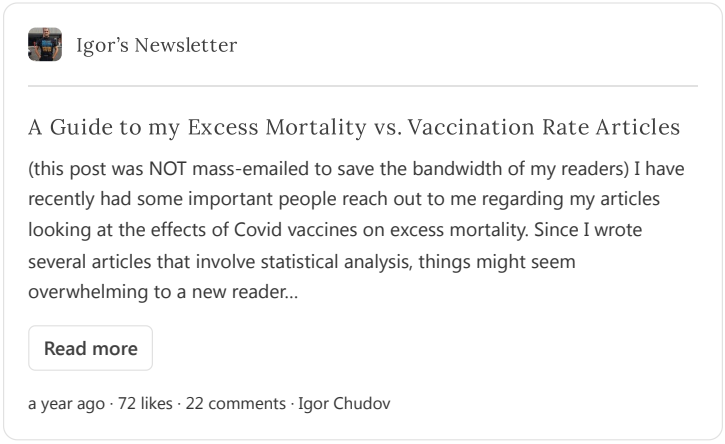
SUMMARY: *The baffling pattern of* ***positive association of excess mortality with COVID vaccination rates*** *continued in 2023,* ***contradicting the thesis that "COVID vaccines save lives."*** *It is statistically significant and is unlikely to have occurred by chance.* ***It continued the patterns seen in 2022.***

In 2022, I wrote a series of posts discussing the correlation of excess mortality with vaccination rates. Several comparisons by country, German-Bundesland, and more showed a positive relationship between excess mortality and vaccination (or booster) rates.

That would be impossible if "Covid vaccines saved lives." The real-world data bafflingly suggests that Covid vaccines increase excess mortality instead of decreasing it.



Back then, I expressed a hope that excess mortality would moderate, a hope based on my wishing the best for all vaccinated people.

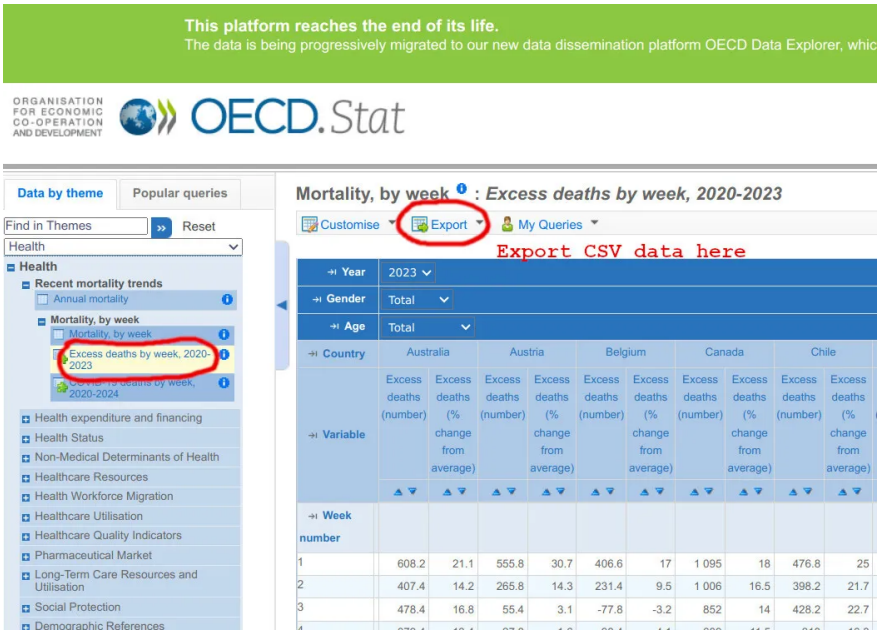
It is January 2024. Therefore, we can ask, what happened in 2023?

2023 Update

I found more data and re-analyzed it. There is good and bad news regarding the relationship between excess mortality and vaccination rates.

Let's take a look.

I found excess mortality for weeks 1-40 of 2023 on the OECD website.



https://stats.oecd.org/index.aspx?queryid=104676

I pulled total Covid vaccination rates from Our World in Data.

To calculate average mortality from weekly OECD data, I wrote this Perl script to load the CSV data and average it, limiting myself to countries with a full 40 weeks of data.

```perl
#!/usr/bin/perl

#
# Data Source:
#
# https://stats.oecd.org/index.aspx?queryid=104676
#

use strict;
use warnings;

my $target_year = 2023;
my $startweek = 1;
my $endweek = 40;

my $totals = {};

while( <> ) {
  next unless s/"TOTAL","Total","TOTAL","Total","EXCESSPC",//;
  s/"//g;
  #print $_;
  chomp;
  my ($CCD, $country, $week, $q1, $q2, $year, $q3, $em) = split( /,/ );
  next unless $year == $target_year && $startweek <= $week && $week <= $endweek;

  #print "$country, $week, $year, $em\n";
  $totals->{$country}->{total_em} += $em;
  $totals->{$country}->{count}++;
}

#print "===\n";

foreach my $c (sort keys %$totals) {
  my $total_em = $totals->{$c}->{total_em};
  my $count = $totals->{$c}->{count};

  next unless $count == ($endweek - $startweek + 1);

  my $avg = $total_em/$count;

  print "$c,$avg\n";
}
```

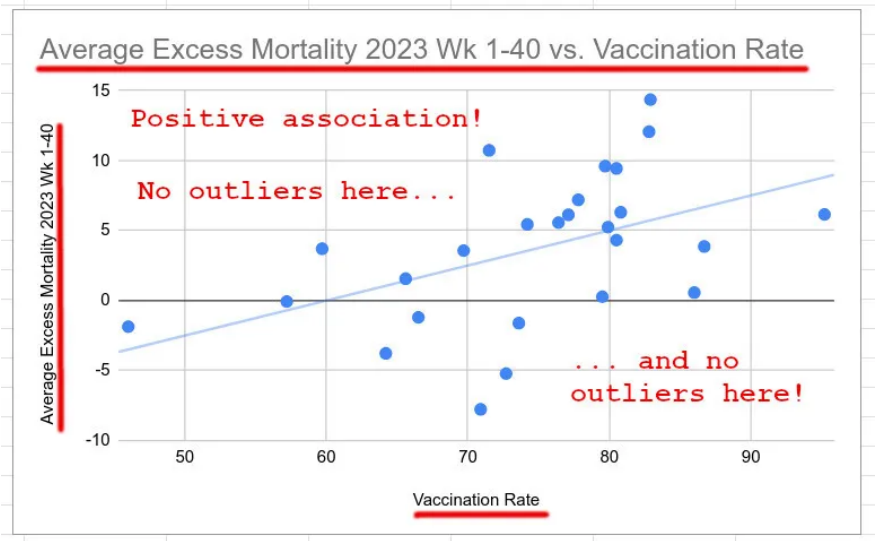
Please note that *averaging "weekly excess mortality" for weeks* 1-40 is not a perfectly correct calculation for the *excess mortality in that period* (fact checkers, take note!), but it is a very close approximation.

Additionally, ***I excluded Israel*** due to the armed conflict that occurred during this period.

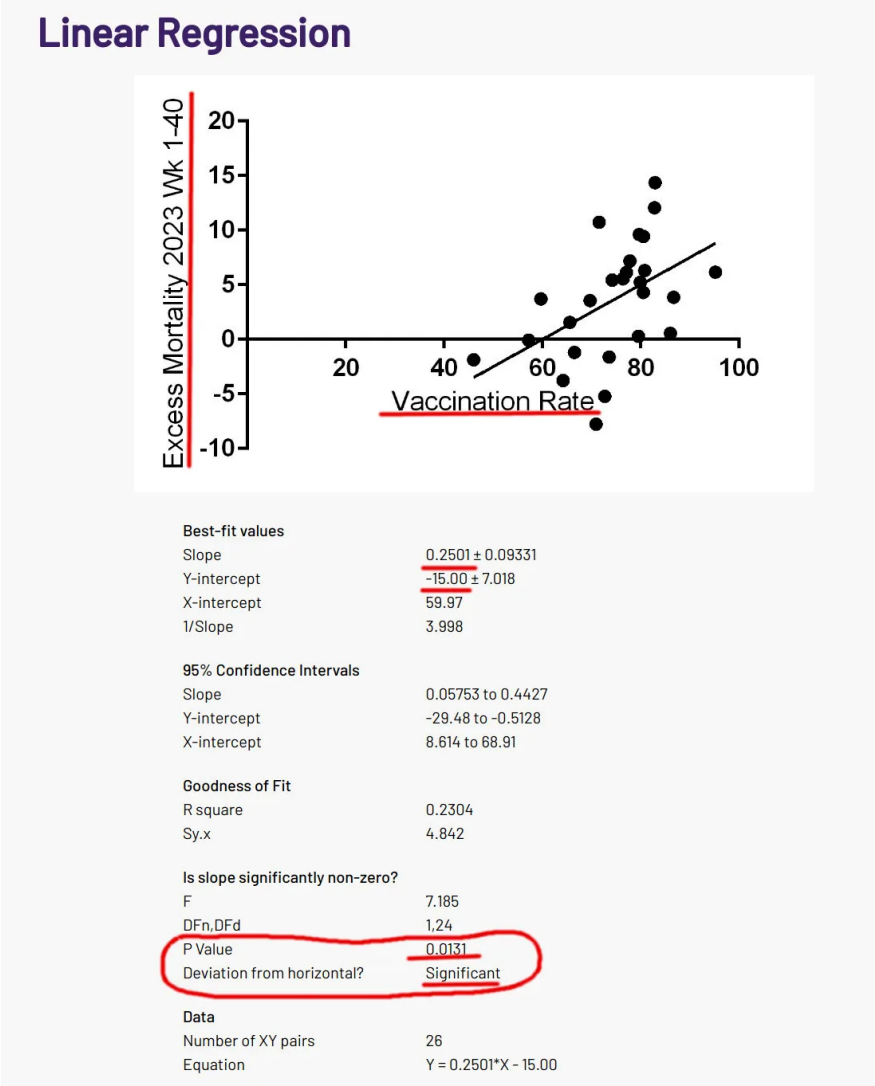
Here's the data:

Country	Vaccination Rate	Average Excess Mortality 2023 Wk 1-40, Percent
Austria	77.1	6.125
Belgium	79.5	0.2825
Czechia	66.5	-1.1925
Denmark	80.8	6.3075
Estonia	65.6	1.5675
Finland	80.5	9.4375
France	80.5	4.32
Germany	77.8	7.1975
Greece	76.4	5.5725
Hungary	64.2	-3.7675
Iceland	82.8	12.0675
Italy	86	0.57
Latvia	72.7	-5.215
Lithuania	70.9	-7.7675
Luxembourg	74.2	5.44
Netherlands	71.5	10.735
New Zealand	82.9	14.36
Norway	79.9	5.2475
Poland	57.2	-0.065
Portugal	95.2	6.16
Slovak Republic	46	-1.8575
Slovenia	59.7	3.71
Spain	86.7	3.8625
Sweden	73.6	-1.6025
Switzerland	69.7	3.5725
United Kingdom	79.7	9.6

Here's the dot-plot visualization:



How significant is this association? I used GraphPad linear regression calculator to analyze the numbers:

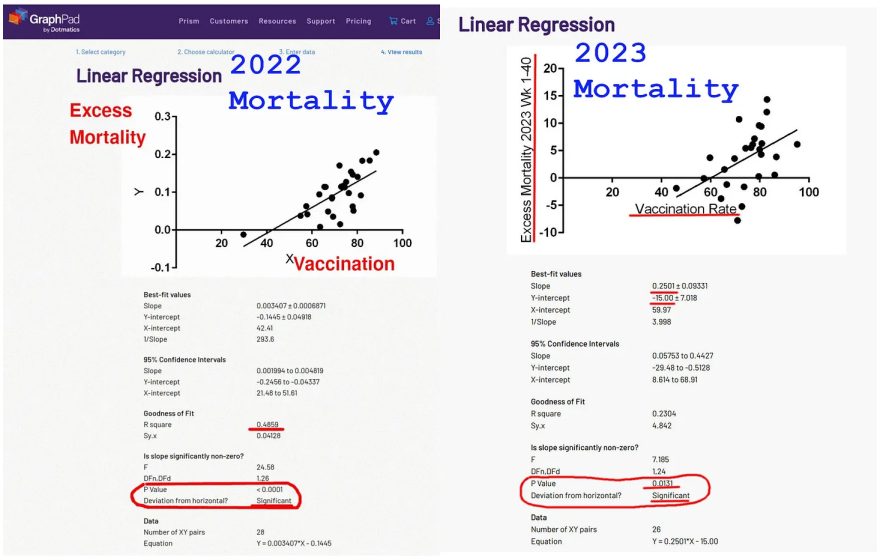


It turns out that COVID-19 vaccination rates increase mortality by 25.01%, and the association is *highly statistically significant with the P-value of* 0.0131, showing that it is unlikely a result of random chance.

Bad News

We were told that "Covid vaccines save lives." The real-world data, unfortunately, shows the opposite. The pattern seen in previous analyses continues: vaccination rates are associated with increases, not decreases, in total mortality.

Similarities between relationships between vaccination rates and excess mortality in 2023 and 2022 (2022 data discussed here) are striking:



Good News

I have good news for people tired of negativity: excess mortality during weeks 1-40 of 2023 was somewhat lower than in 2022. Could it be explained by people no longer vaccinating against COVID-19? We cannot be sure of the answer based on the data above, but we cannot dismiss that explanation either.

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Share Your Thoughts!

Your thoughts and predictions on excess mortality will be greatly appreciated, so please comment on this post:

- What is the biological reason for such a positive association?
- How come Covid vaccinations, which mainly occurred in 2021, still affect excess mortality two years later?
- Can this data be reanalyzed using, for example, booster rates or doses in 2023, as the independent variable?
- Will this get better or worse?

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108 Comments

Write a comment...

Jmk 12 mins ago

Thanks for this and all your hard work. I am seeing the excess mortality play out in real life - never in my 42 years have I known so many people to die as in the past couple of years. Young ppl too in their 30s and 40s. I get sad thinking about it so I try not to focus on that.

Also noticing more people I know are getting cancer of needing to have biopsies of abnormal cells, growths whatever.

This whole thing is insanity. My mind cannot comprehend how the majority thought the vax were safe despite no long term testing or really any testing .... And now society is pretending the things playing out like excess mortality aren't actually playing out.

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strefanash 15 mins ago

Is there any faulting Ed Dowd's analysis of the all cause mortality rates since 2021?

for if not he tells as a 10% increase is a one in 200 year catastrophe and that the chances of it are being merely by accident are virtually zero.

so this is genocide

and so it will not stop, for genocide is a deliberate act.

they have had every opportunity to admit sincere error and show good faith by correcting these errors, but they have not

so when will trials begin and the performances of the requisite sentences for said crime start?

LIKE (1) REPLY SHARE

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