

# Studies on COVID-19 Lethality

By [Swiss Propaganda Research](#)

Theme: [Intelligence](#), [Science and Medicine](#)

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The following tables provide links to important medical/health studies which are indicated in the Right column.

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## 1) Covid-19 infection fatality rates (IFR) based on antibody studies

Population-based antibody seroprevalence studies.

Country	Published	Population	IFR (%)	Source
Global	May 19	Most countries	<0.20	<a href="#">Study</a>
		Three hotspots	<0.40	
Germany	May 4	Heinsberg Cluster	<0.36 <sup>1</sup>	<a href="#">Study</a>
Iran	May 1	Guilan province	<0.12	<a href="#">Study</a>
USA	April 30	Santa Clara County	0.17	<a href="#">Study</a>
Denmark	April 28	Blood donors (<70y)	0.08	<a href="#">Study</a>
USA	April 24	Miami-Dade County	0.18	<a href="#">Report</a>
USA	April 21	Los Angeles County	<0.20	<a href="#">Study</a>

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1) The adjusted IFR is 0.278% (see page 9 of study). Note: Some of these studies are [preprints](#).

## 2) Covid-19 infection fatality rates based on controlled PCR studies

Controlled PCR studies in population subgroups.

Country	Date	Population	IFR (%)	Source
France	May 21	Health workers	0.05	<a href="#">Study</a>
USA	May 10	MLB employees	0.00	<a href="#">Report</a>
France	May 10	Aircraft carrier	0.00	<a href="#">Report</a>
USA	May 10	Aircraft carrier	0.09	<a href="#">Report</a>
USA	May 1	Tennessee prison	0.00	<a href="#">Report</a>
Italy <sup>2</sup>	April 28	Health workers	0.30	<a href="#">Study</a>
USA	April 17	Boston homeless	0.00	<a href="#">Report</a>
USA	April 17	Boston blood donors	0.00	<a href="#">Report</a>
Ship	April 17	Diamond Princess	0.13 <sup>1</sup>	<a href="#">Study</a>
Greece	April 16	Repatriations	0.00	<a href="#">Study</a>
USA	April 13	NYC pregnant women	0.00	<a href="#">Study</a>

1) Age-adjusted IFR based on US population.

Classe d'età (anni)	Casi		Deceduti		Letalità (%)
	N	%	N	%	
<b>18-29</b>	2.859	10,7	0	0,0	0%
<b>30-39</b>	4.646	17,4	1	1,3	0%
<b>40-49</b>	7.499	28,1	4	5,0	0,10%
<b>50-59</b>	8.762	32,9	18	22,5	0,20%
<b>60-69</b>	2.745	10,3	43	53,8	1,60%
<b>70-79</b>	146	0,5	14	17,5	9,60%
<b>Totale</b>	26.657		80		0,30%

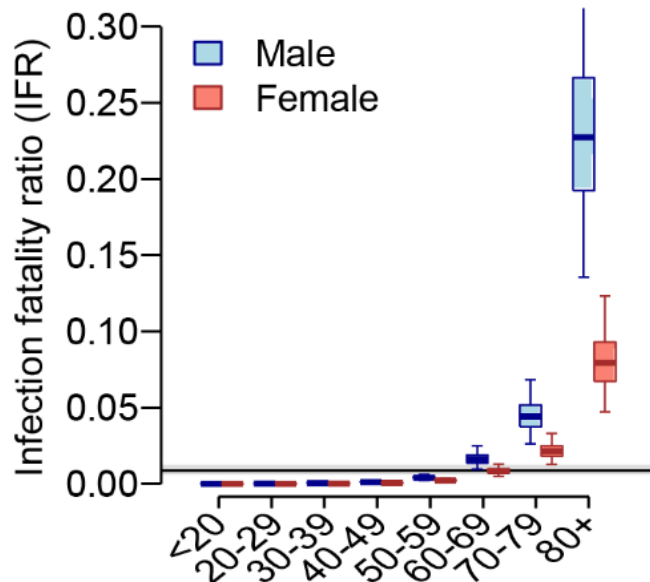
2) Deaths in Italian health care workers by age group ([ISS](#), May 20)

3) Covid-19 infection fatality rates based on models

Covid-19 IFR based on epidemiological models or predictions. These values are often somewhat higher than the actual values based on serological antibody studies (see above).

Country	Published	Population	IFR (%)	Source
USA	May 20	CDC estimate	0.26 <sup>1</sup>	<a href="#">Study</a>
France	May 13	France	0.70	<a href="#">Study</a>
Switzerland	May 11	Switzerland	0.40	<a href="#">Study</a>
UK	May 7	UK	0.08 <sup>2</sup>	<a href="#">Study</a>
France	May 7	France	0.80 <sup>3</sup>	<a href="#">Study</a>
Global	May 5	Global	0.17	<a href="#">Study</a>
India	May 3	India	0.41	<a href="#">Study</a>
Italy	April 20	Lombardia	>0.84	<a href="#">Study</a>
USA		New York City	>0.50	
China	March 30	Mainland China	0.66	<a href="#">Study</a>
China	March 13	Wuhan city	0.12	<a href="#">Study</a>

1) 0.4% symptomatic CFR and 35% asymptomatic cases; 2) Based on 29% prevalence and 50,000 deaths; 3) The IFR is 0.50 excluding nursing homes.



French model: IFR (x100) per age group ([Study](#))

#### 4) Additional antibody and PCR studies

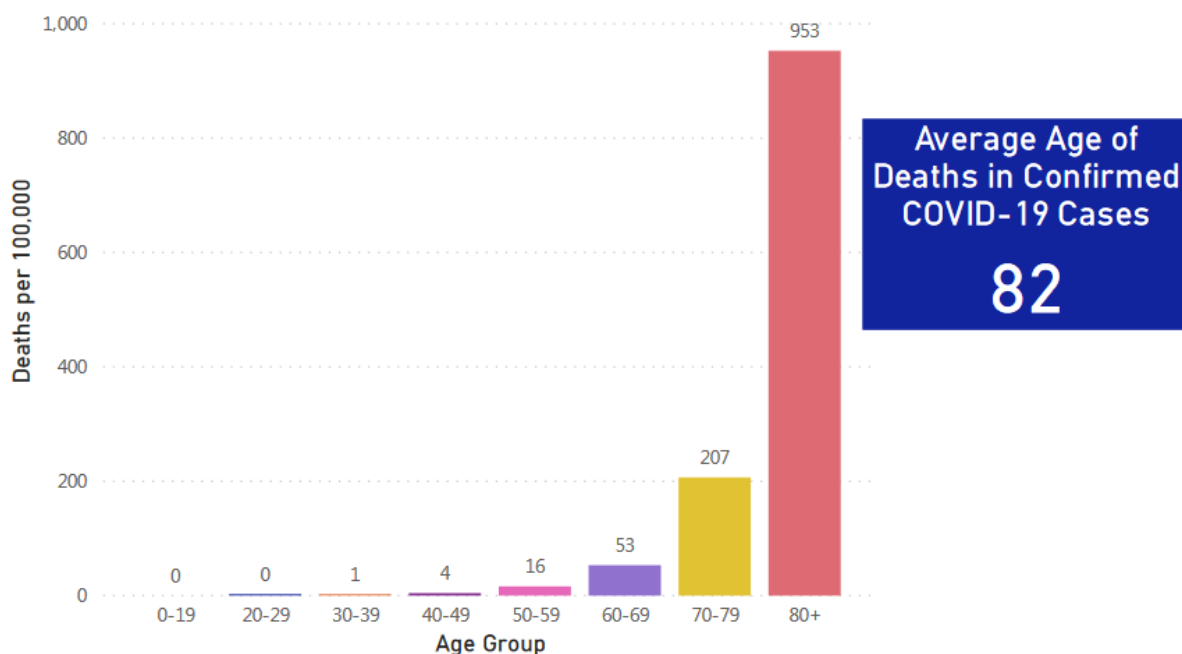
These studies determine the actual prevalence of recent or current Covid-19 infections in a population or region. In most cases, they find that Covid-19 is much more widespread than previously assumed, with most people showing no or only mild symptoms.

Country	Published	Population	Prev.	Factor	Source
USA	May 15	Boston	12.5%	8x	<a href="#">Report</a>
Czech Rep.	May 15	South Bohemia	5%	10x	<a href="#">Report</a>
Spain	May 13	Spain Madrid	5% 11.3%	10x	<a href="#">Study</a>
UK	May 8	UK	29%	200x	<a href="#">Study</a>
Switzerland	May 6	Geneva	9.7%	10x	<a href="#">Study</a>
Global	May 5	< 65 years old			<a href="#">Study</a>
Japan	May 5	Kobe City	2.7%	396x	<a href="#">Study</a>
USA	May 2	New York State New York City	12.3% 19.9%	8x 10x	<a href="#">Report</a>
Spain	May 2	Health workers	11.2%		<a href="#">Study</a>
Netherlands	April 29	Blood donors	2.7%		<a href="#">Study</a>
France	April 23	Northern France	3%		<a href="#">Study</a>
USA	April 19	Chelsea MA	32%	16x	<a href="#">Report</a>
Iceland	April 14	Iceland (PCR)	0.8%		<a href="#">Study</a>

## 5) Median age of Covid-19 deaths per country

Half of all deaths were below, half were above the median age.

Country	Median age	Source
Austria	80+ years	<a href="#">EMS</a>
England	80+ years	<a href="#">NHS</a>
France	84 years	<a href="#">SPF</a>
Germany	82 years	<a href="#">RKI</a>
Italy	81 years	<a href="#">ISS</a>
Spain	~82 years	<a href="#">MDS</a>
Sweden	86 years	<a href="#">FOHM</a>
Switzerland	84 years	<a href="#">BAG</a>
USA	~80 years	<a href="#">CDC</a>



Example: Death rate by age group in Massachusetts ([Source](#))

## 7) Hospitalization rate

Initial estimates based on Chinese data [assumed](#) a very high 20% hospitalization rate, which led to the strategy of ‘flattening the curve’ to avoid overburdening hospitals. However, population-based antibody studies (see above) have since shown that actual hospitalization rates are close to 1%, which is within the range of hospitalization rates [for influenza](#) (1 to 2%).

The US CDC [found that](#) Covid-19 hospitalization rates for people aged 65 and over are “within ranges of influenza hospitalization rates”, with rates slightly higher for people aged 18 to 64 and “much lower” (compared to influenza) for people under 18.

In local hotspots like New York City, the overall hospitalization rate based on antibody studies is about 2.5% (19.9% or 1.7 million people with [antibodies](#) and 43,000 [hospitalizations](#) by May 2).

The much lower than expected hospitalization rate may explain why most Covid-19 ‘field

hospitals' even in hard-hit countries like the US, [the UK](#) and China remained [largely empty](#).

## 8) Percentage of Covid-19 deaths in care homes per country

In many countries, deaths in care homes account for [30 to 60%](#) of all additional deaths. In [Canada](#) and some [US states](#), care homes account for up to 80% of all "Covid19-related" deaths.

Country	Date	Approach to measuring deaths	Total number deaths linked to COVID-19	Number of deaths of care home residents linked to COVID-19	Number of deaths in care homes	Number of care home resident deaths as % of all COVID-19 deaths	Number of deaths in care homes as % of all COVID-19 deaths
Australia	03/05/2020	Confirmed	95	24		25%	
Belgium	03/05/2020	Confirmed + Probable	7,844		4,164		53%
Canada	02/05/2020	Confirmed + Probable	3,566	2,227		62%	
Denmark	24/04/2020	Confirmed	394	133		33%	
France	03/05/2020	Confirmed + Probable	24,760	12,511	9,273	51%	37%
Germany <sup>55</sup>	03/05/2020	Confirmed	6,649	2,401		36%	
Hong Kong	03/05/2020	Confirmed	4	0	0	0%	0%
Hungary	18/04/2020	Confirmed	172	33		19%	
Ireland	30/04/2020	Confirmed + Probable	1,232		735	60%	
Israel	29/04/2020	Confirmed	202	65		32%	
Norway	02/05/2020	Confirmed	211		127		60%
Portugal	23/04/2020		820	327		40%	
Singapore	03/05/2020	Confirmed	18	2		11%	
Sweden (Stockholm region)	30/04/2020	Confirmed	1,406	630		45%	

Source: [Mortality associated with COVID-19 outbreaks in care homes](#) (LTC Covid, May 3, 2020)

Map of the United States showing the percentage of the population that is openly gay, lesbian, or bisexual by state, based on data reported by May 12, 2020. The map uses a color scale from light yellow (low percentage) to dark blue (high percentage).

State	Percentage (%)
Alaska	Dark Grey
Arizona	51.1%
Arkansas	Dark Grey
California	36.3%
Colorado	57.5%
Connecticut	72.2%
Delaware	66.1%
Florida	40.8%
Georgia	35.9%
Hawaii	Dark Grey
Idaho	Dark Grey
Illinois	47.9%
Indiana	38.7%
Iowa	40.7%
Kansas	Dark Grey
Kentucky	Dark Grey
Louisiana	38.6%
Maine	54.7%
Maryland	52.8%
Massachusetts	61.7%
Michigan	Dark Grey
Minnesota	81.7%
Mississippi	Dark Grey
Missouri	Dark Grey
Montana	37.5%
Nebraska	Dark Grey
Nevada	19.7%
New Hampshire	75.1%
New Jersey	60.9%
New Mexico	Dark Grey
New York	67.1%
North Carolina	50.6%
North Dakota	Dark Grey
Ohio	42%
Oklahoma	Dark Grey
Oregon	60.2%
Oregon	61.1%
Pennsylvania	58.9%
Rhode Island	59.9%
South Carolina	32.8%
South Dakota	Dark Grey
Tennessee	35.8%
Texas	47%
Utah	Dark Grey
Vermont	75.1%
Virginia	60%
Washington	61.1%
West Virginia	Dark Grey
Wisconsin	42.5%
Wyoming	Dark Grey

Source: FREOPP.org

## 9) Development of the epidemic

## Coronavirus in Sweden

### Media

**Total confirmed COVID-19 deaths**

Unsettled timing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.

Source: European CDC - Situation Update Worldwide - Last updated 24th April, 12:00 (London time)

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### Reality

source: FOHM

Cumulative, day of report

Per day, day of death

## See also

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**Main article:** [Facts on Covid-19](#)

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Cumulative deaths per day of report vs. daily deaths per day of death. (OWD/FOHM; April 24)

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