

Debates about vaccine mandates

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Politicians on mandatory vaccination

Matt Hancock, UK Health Secretary

"I'm looking very seriously at it" "... not ruling out"

"no decisions have been taken"



Scott Morrison, Australian PM

"I would expect it to be as mandatory as you can possibly make"

"We can't hold someone down and make them take it"



Joao Doria, Sao Paulo Governor

"In Sao Paulo it will be mandatory, except for those with a medical note and a certificate stating that they cannot"



Dmitry Medvedev, Russia's ex-PM

"Vaccination itself presupposes a person's consent. ... But sometimes these decisions can be binding in the public interest and the interest of protecting the vast majority of the population,"

www.businessinsider.fr/us/australia-scott-morrison-backtracks-mandatory-coronavirus-vaccine-order-antivaxxers-2020-
www.theguardian.com/world/2020/aug/19/global-report-australian-pm-plans-to-make-coronavirus-vaccine-mandatory

www.eturbonews.com/1066040/sao-paulo-governor-covid-19-vaccination-will-be-compulsory-for-all-residents/

www.themoscowtimes.com/2021/05/19/russias-ex-pm-medvedev-backs-mandatory-vaccination-a73948

Image: The Historical Medical Library of The College of Physicians of Philadelphia (19th cent) "Death the Vaccinator," London Society for the Abolition of Compulsory Vaccination



Early compulsory vaccination

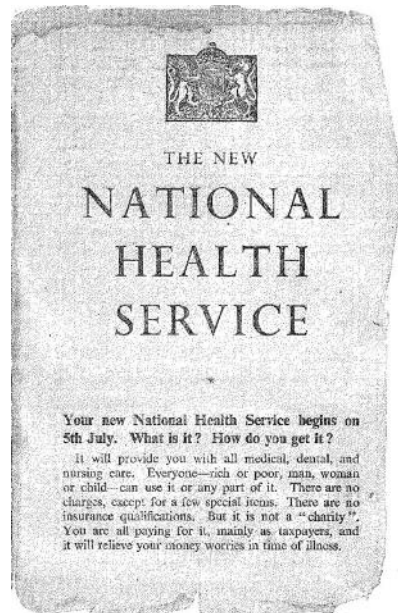
- Historical examples show simple compulsion produces an organised mass resistance movement

E.g. 'Anti-vaccination Leagues' in England and the Netherlands

The vaccinating majority

Still affected by the **three Cs**: **C**omplacency, **C**onvenience, **C**onfidence

MacDonald, N. E. (2015). Vaccine hesitancy: Definition, scope and determinants. *Vaccine*



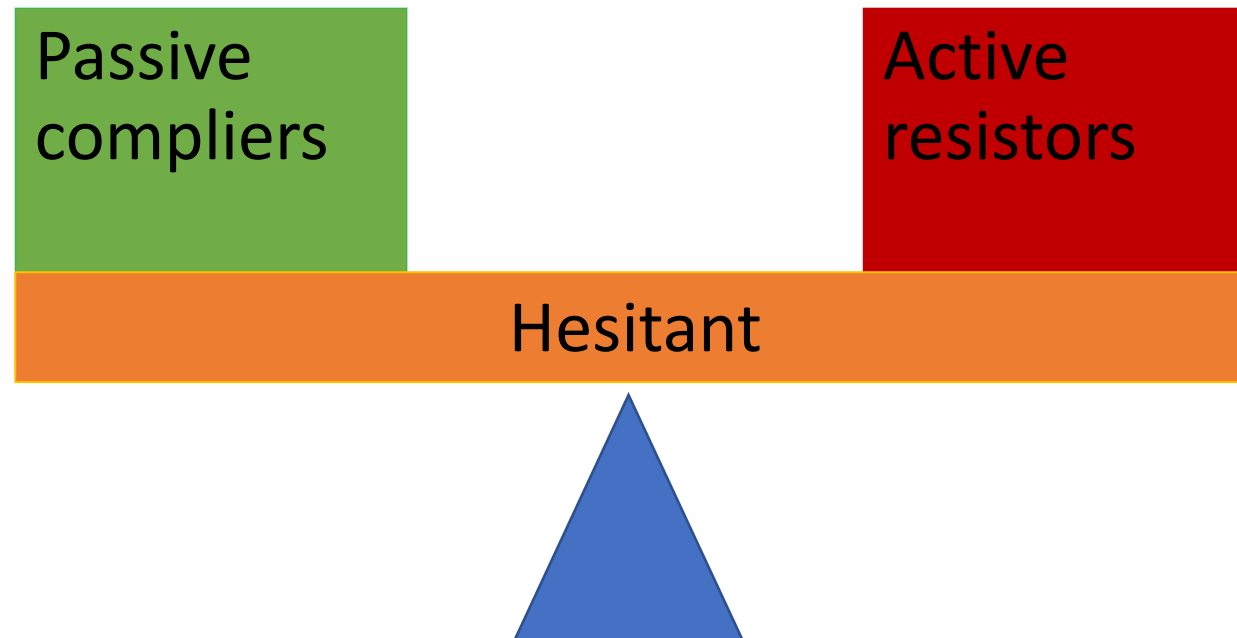
- High quality immunisation services and clear policy
- Persuasion and education



Images: Wikicommons

Balancing the spectrum

- Design policies that:
 - take into account two different groups in the vaccinating public (**passive compliers** and **active resisters**)
 - in an appropriate institutional setting (health systems, schools)
- Balance incentives, penalties, rights:
 - encourage passive compliers, but not so strict to overly penalise and provoke active resisters



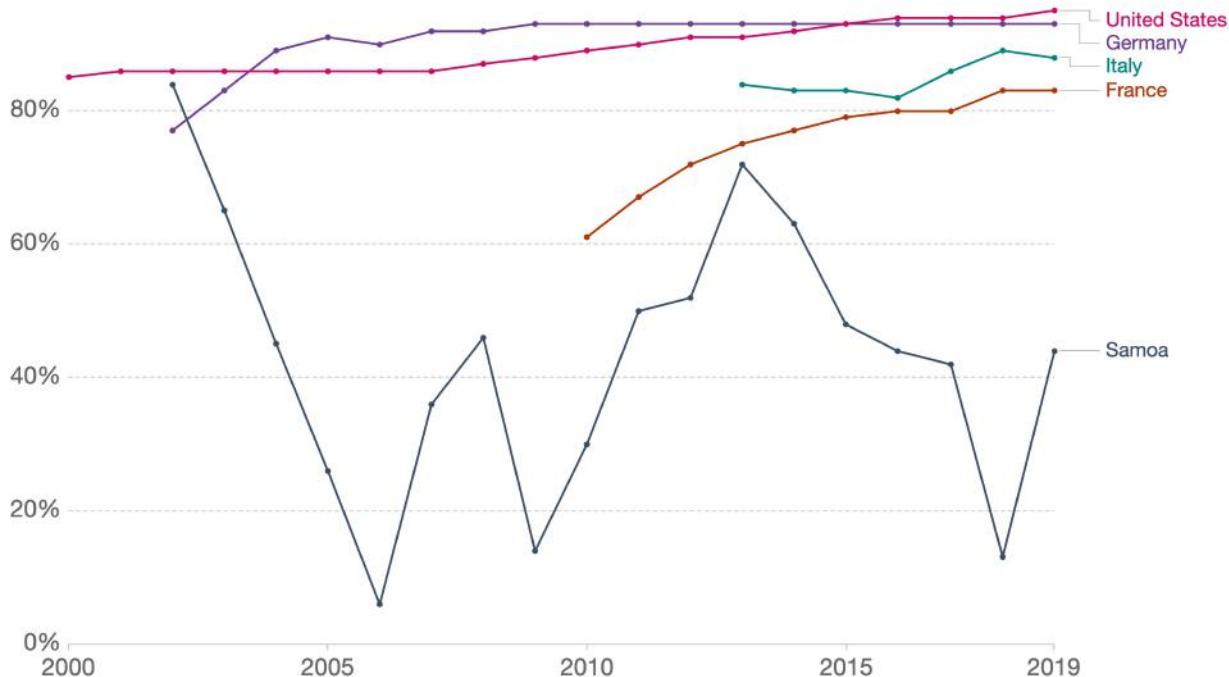
Vaccine-preventable disease outbreaks

Measles outbreaks led to recent policy change:

- USA
- Italy
- France
- Samoa
- Germany

Share of children vaccinated with the second dose of measles vaccine (MCV2)

Our World in Data



Source: UN, SDG (2019)

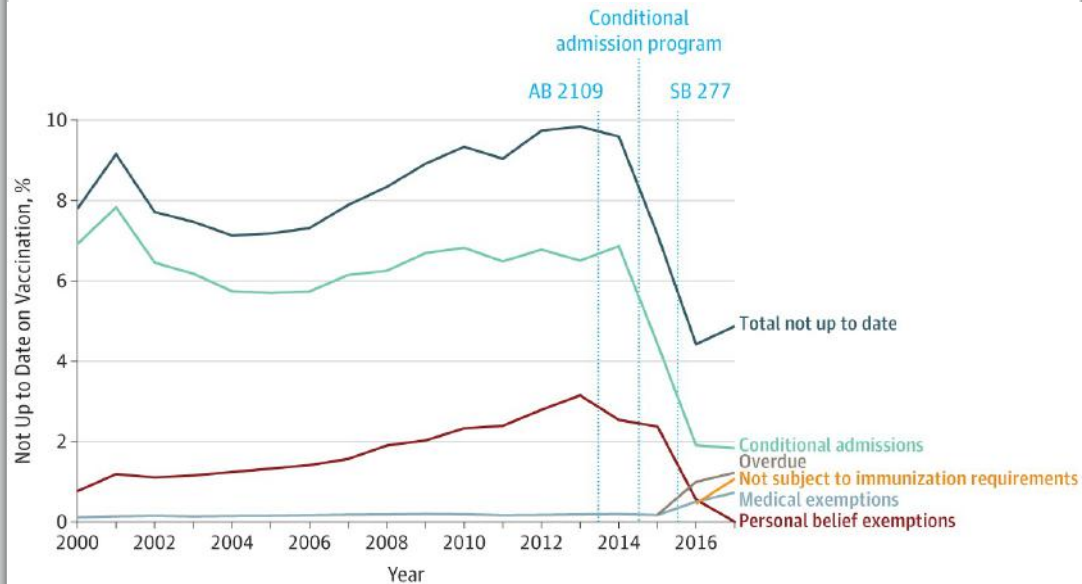
OurWorldInData.org/vaccination/ • CC BY

Note: Measles is a highly contagious viral disease, most common in young children. Its effects include blindness, inflammation of the brain, severe diarrhoea, and severe respiratory infections such as pneumonia. Recommended child's age for MCV2 vaccination varies by country.

2019

United States	95.00%
Germany	93.00%
Italy	88.00%
France	83.00%
Samoa	44.00%

So mandatory vaccination works?



Pingali SC, et al. (2019). Associations of Statewide Legislative and Administrative Interventions With Vaccination Status Among Kindergartners in California. *JAMA*

- Hard to separate from impact of other policies
- Ways around: home schooling, exemptions

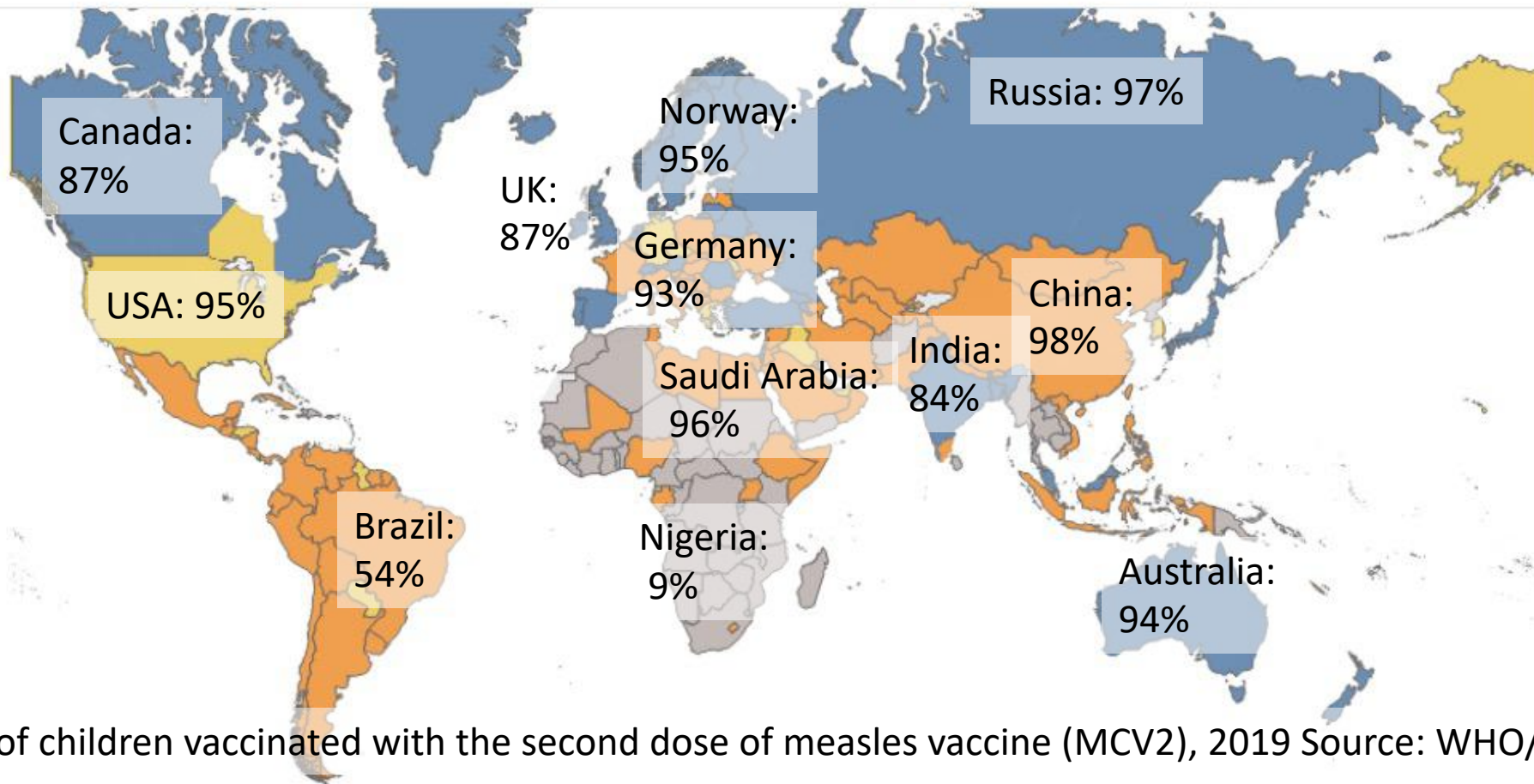
Does not address underlying causes of vaccine hesitancy and refusal

- Provoke backlash
- Other consequences - inequity
- Countries where policies are not in place with high uptake (e.g. Sweden)

Vaccine policies worldwide

Approach to vaccination

■ Recommended ■ Mandatory ■ Mandatory for school ■ No Source



Share of children vaccinated with the second dose of measles vaccine (MCV2), 2019 Source: WHO/UNICEF

Degrees of mandatoryness

Conditional mandatory vaccination
(vaccine passports)

- Travel, occupations, hospitals, care homes, schools, daycare, universities, public places, large events, public health emergency

Other policies

- increase the 3 Cs and involve public



COVID vaccines will be mandatory for passengers, Qantas boss says



<https://thenewdaily.com.au/news/coronavirus/2020/11/24/qantas-covid-vaccine-mandatory/>

School and workplaces

- Workplaces

- Schools

Students protest mandatory Covid vaccinations at colleges

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RACE FOR A CURE MARCH 31, 2021 / 9:00 PM / UPDATED 2 MONTHS AGO

Italy makes COVID-19 vaccine mandatory for all health workers

By Angelo Amante

3 MIN READ



COVID-19 vaccinations will be mandatory for Pennsylvania health system

Kelly Gooch - 12 hours ago [Print](#) | [Email](#)

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Greek Fire Service rescuers get mandatory vaccination order

Greek authorities say they are introducing a compulsory COVID-19 vaccination requirement for members of the fire department's special rescue service

By **The Associated Press**
19 May 2021, 15:38 • 1 min read

Legal and policy positions

- ECHR ruling on mandatory vaccination for children:

'necessary in democratic society'



WHO:

- Interim position paper: considerations regarding proof of COVID-19 vaccination for international travellers (5 Feb 21)
- COVID-19 and mandatory vaccination: Ethical considerations and caveats (13 Apr 21)

