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The evolution of the Italian NHS (focus on prevention/immunization)

Walter Ricciardi

July 4th 1948



No society can legitimately call itself
civilized if a sick person is denied
medical aid because of lack of
means.

— *Aneurin Bevan* —

AZ QUOTES



Articolo 32

The Republic protects health as a fundamental right of the individual and interest of the community, and

La Repubblica tutela la salute come fondamentale diritto dell'individuo e interesse della collettività, e garantisce cure gratuite agli indigenti.

guarantees free treatment to the indigent

Nessuno può essere obbligato a un determinato trattamento sanitario se non per disposizione di legge.

La legge non può in nessun caso violare i limiti imposti dal rispetto della persona umana.



THE NEW
**NATIONAL
HEALTH
SERVICE**

*

**Your new National Health Service begins on
5th July. What is it? How do you get it?**

It will provide you with all medical, dental, and nursing care. Everyone—rich or poor, man, woman or child—can use it or any part of it. There are no charges, except for a few special items. There are no insurance qualifications. But it is not a “charity”. You are all paying for it, mainly as taxpayers, and it will relieve your money worries in time of illness.

1948 - 1978

- Social insurance system
- Entitlement based on workers not on citizens
- Structural inequalities

1978



Neonatal deaths per 1000 live births

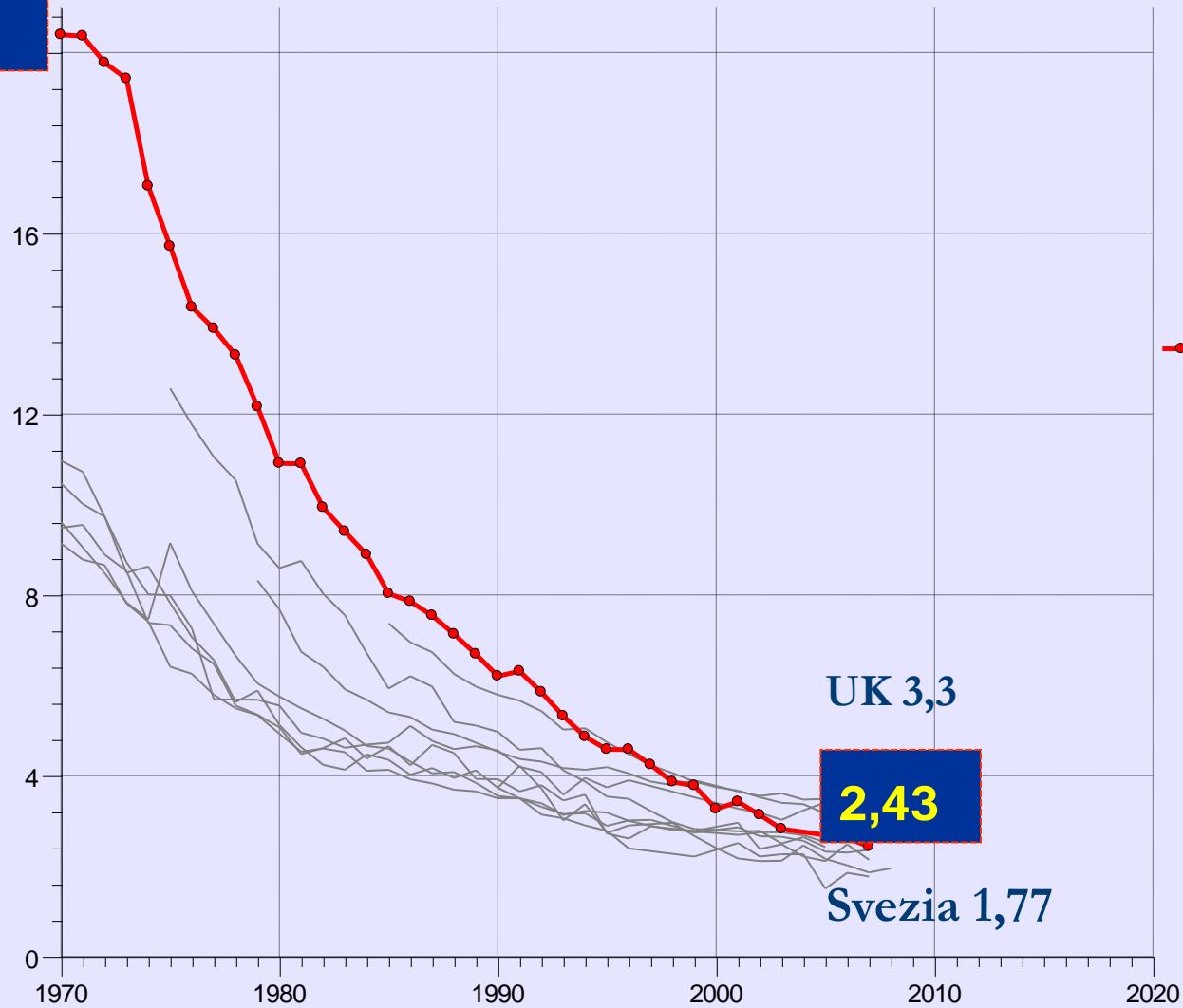
20,39

Italy

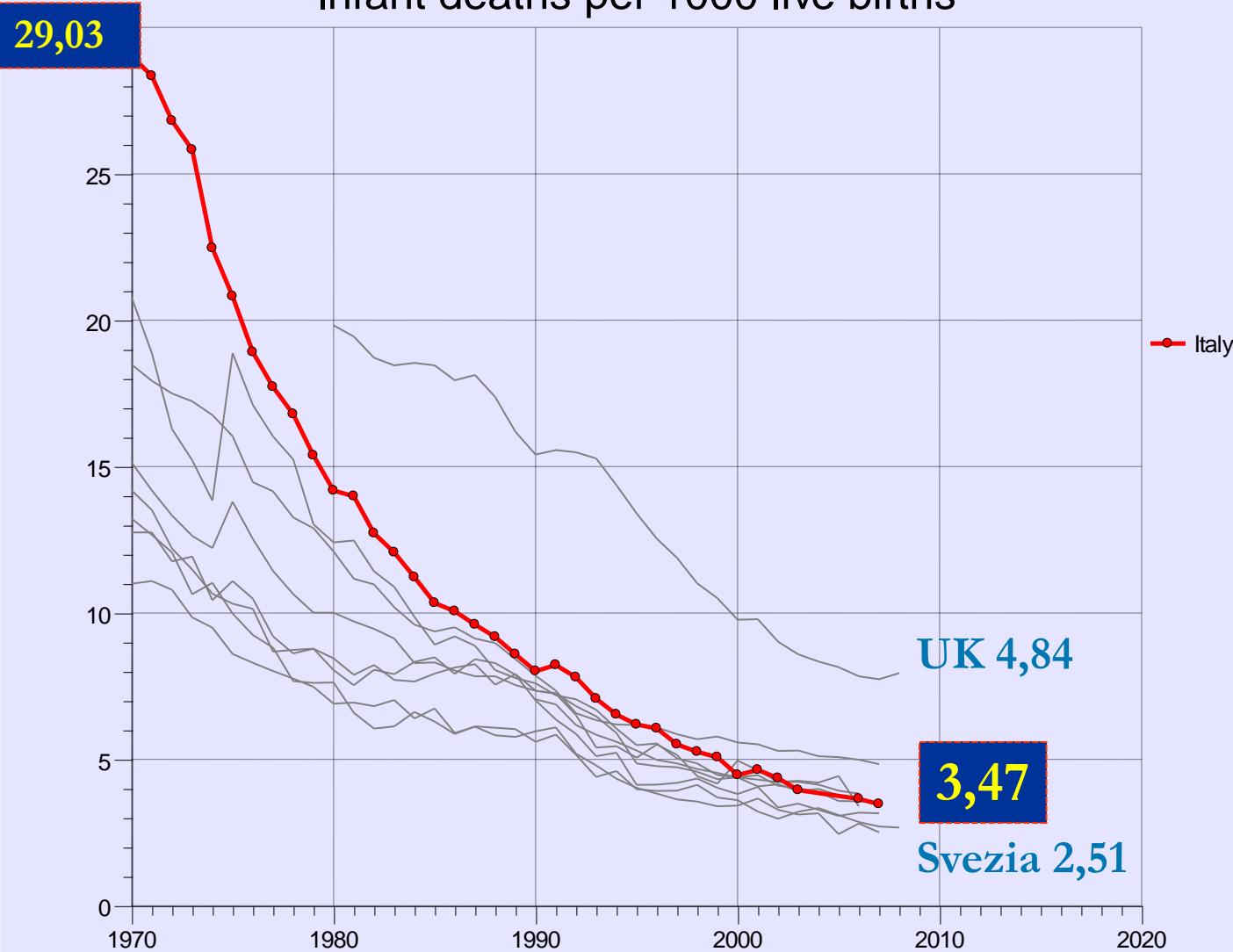
UK 3,3

2,43

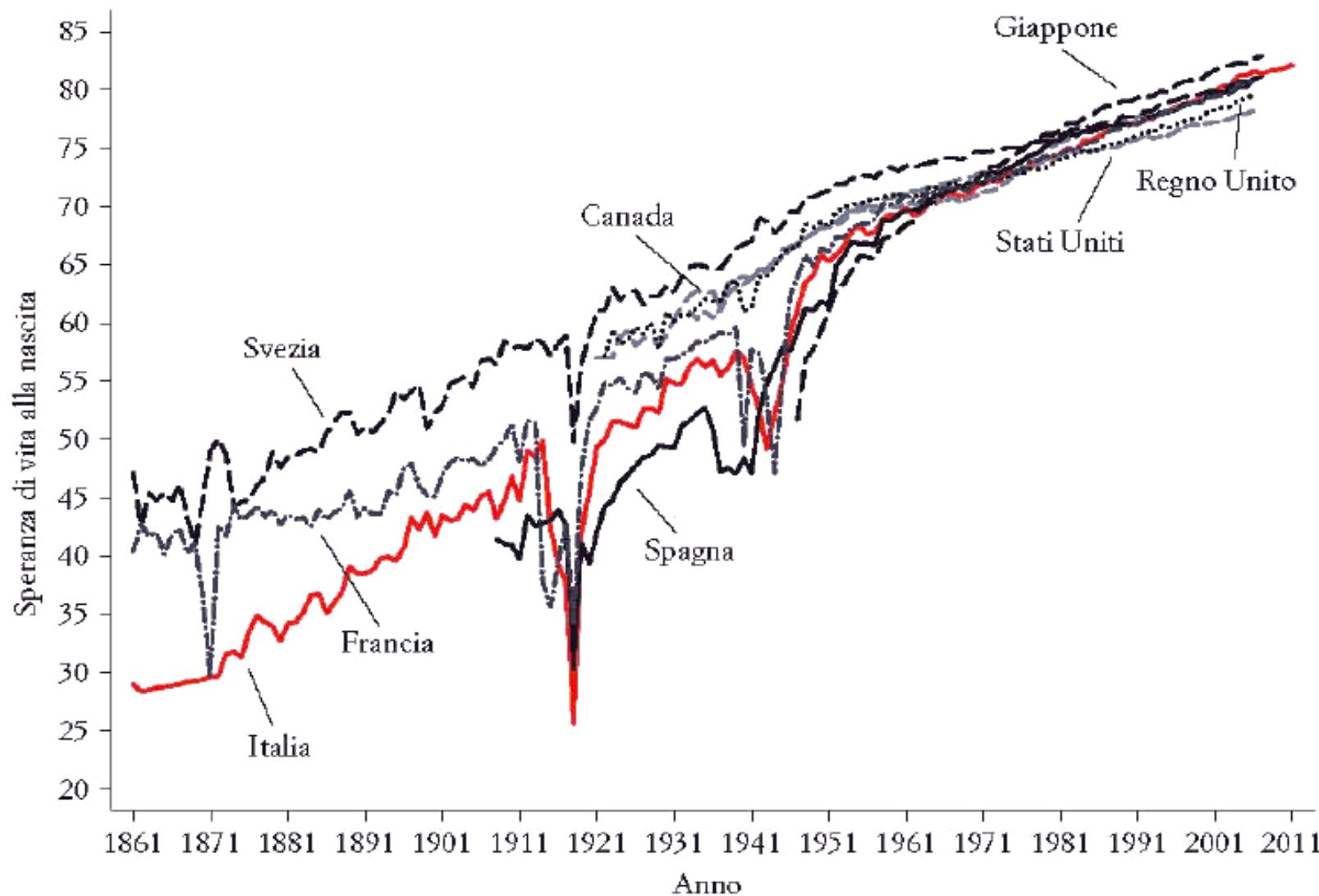
Svezia 1,77



Infant deaths per 1000 live births



Aspettativa di vita alla nascita dal 1861 ad oggi



Fonte: nostre elaborazioni su dati Human Mortality Database (2010) e Atella V. - Francisci S. - Vecchi G. (2011), *La salute degli italiani, 1861-2011*, «Politiche sanitarie», 12, 4.

1978 – 1998

Mandatory vaccinations: polio, tetanus, diphtheria, hepatitis B

Very good coverage

MMR poor and fragmented coverage

Higher Health Council proposed unsuccessfully to change it into mandatory vaccination

2002



OSSERVATORIO NAZIONALE
SULLA SALUTE NELLE REGIONI ITALIANE

un progetto di



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Rapporto Osservasalute - *Edizioni 2003-2012*



Rapporto Osservasalute - *Edizioni 2013-2022*

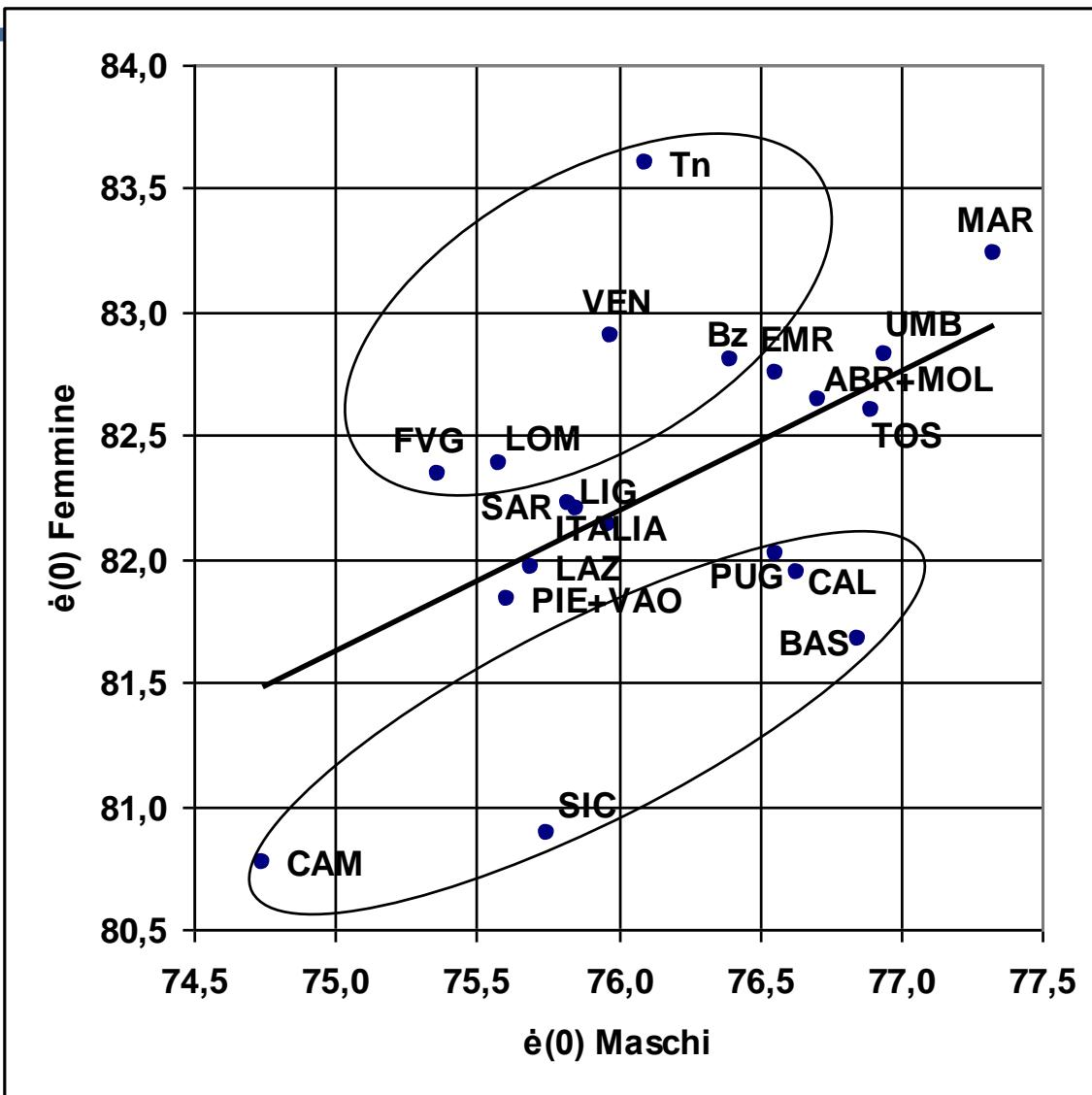


Tab.1 Speranza di vita alla nascita per regione e sesso. Anno 2001 (a)

Regioni	Maschile	Femmine	Regioni	Maschile	Femmine
Piemonte (1)	76,4	82,6	Marche	78,0	84,3
Valle d'Aosta (1)	76,4	82,6	Lazio	76,9	82,7
Lombardia	76,3	83,1	Abruzzo (2)	77,7	83,8
Prov. Aut. di Bolzano	77,0	84,1	Molise (2)	77,7	83,8
Prov. Aut. di Trento	76,9	83,9	Campania	75,3	81,2
Milano	76,9	83,7	Puglia	77,6	83,2
Friuli Venezia Giulia	76,6	83,2	Basilicata	77,5	83,0
Liguria	76,5	82,7	Calabria	77,6	82,9
Emilia Romagna	77,2	83,4	Sicilia	76,6	81,9
Toscana	77,3	83,3	Sardegna	76,2	83,0
Umbria	77,8	83,5	Totale	76,7	82,9

(a) valori stimati

Life expectancy



Switzerland 81.3

Japan 80.5

Australia 80

Serbia 75

Romania 75

Bulgaria 74

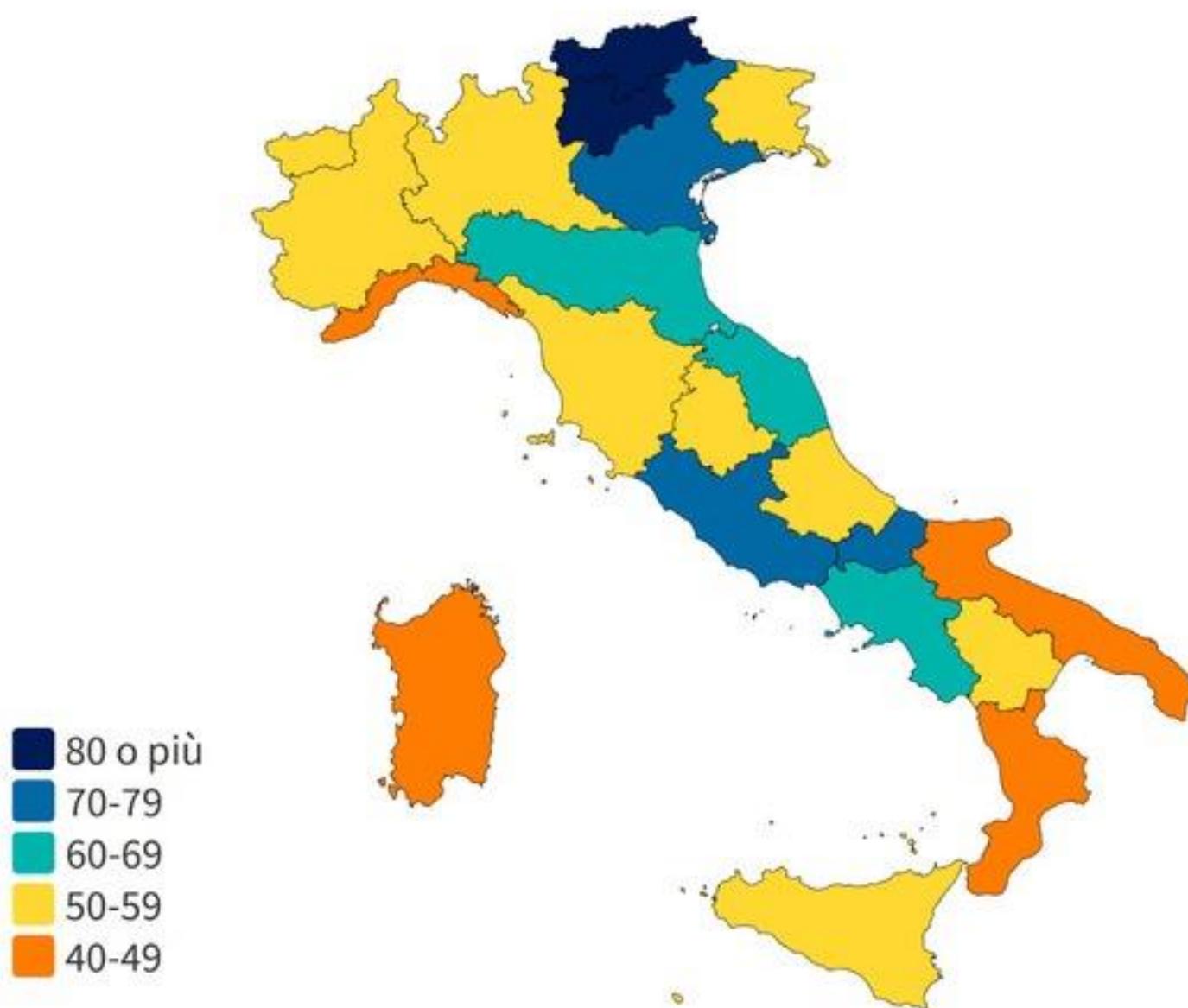
2001 - 2014



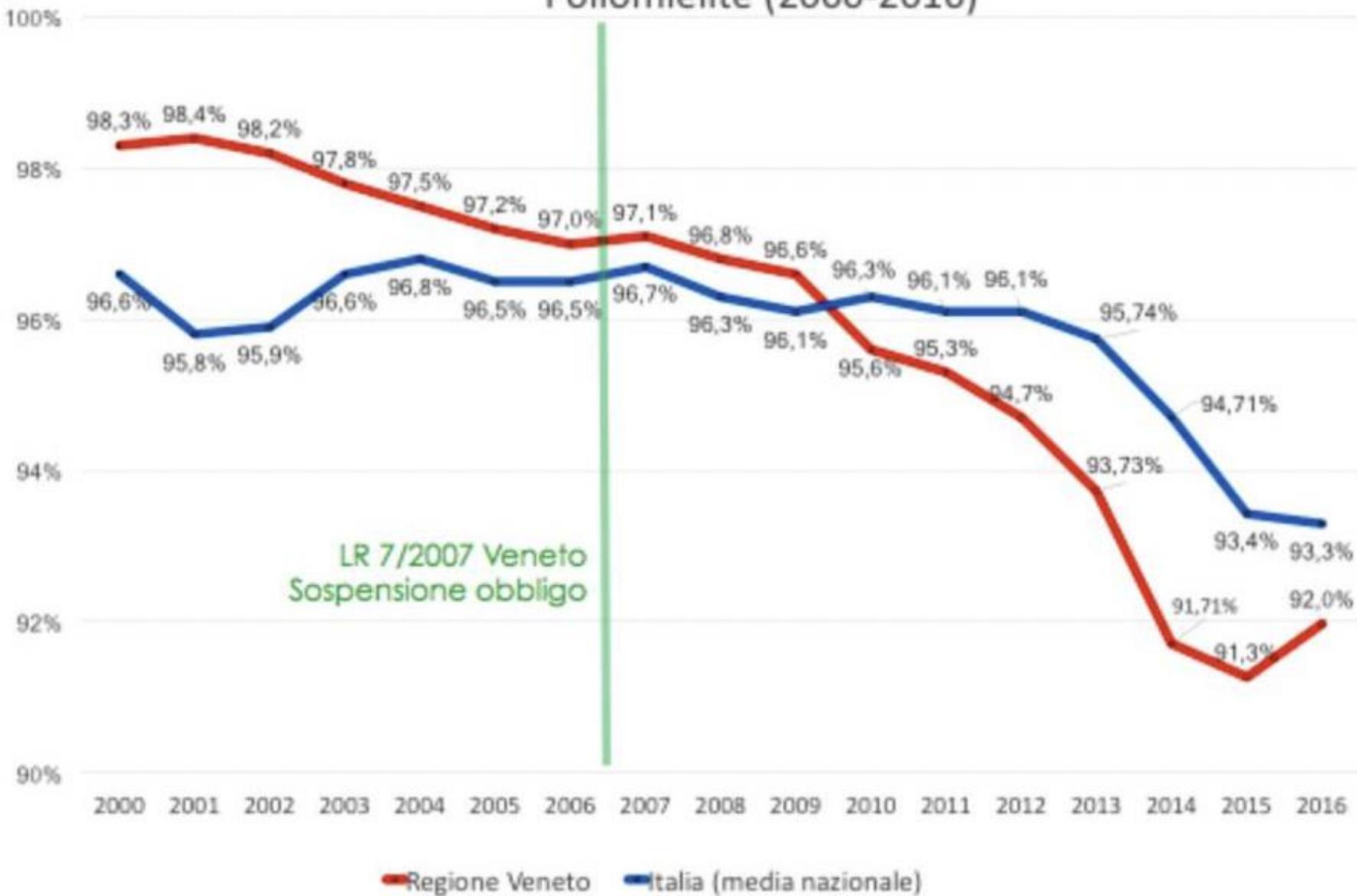
Arlecchino (1671)

Vaccini, l'indice regionale YouTrend

YOU TREND



Poliomielite (2000-2016)



WALTER RICCIARDI

ONOREVOLE MINISTRA

IL RUOLO DELLE DONNE NEL SERVIZIO

con la collaborazione
S. Boccia, C. Cadedda

Prefazione di Eugenia Tocino
Postfazione di Roberta Sestini



VITA E PENSIERO



CRONACA

Allarme morbillo in città, Ricciardi: "Conseguenza dei vaccini non obbligatori"

"La mancata obbligatorietà del vaccino dal 1999 ha abbassato le coperture vaccinali" ha affermato il presidente dell'Istituto superiore di sanità

Allarme morbillo: mille casi in 3 mesi. Urgente il piano vaccini

Walter Ricciardi (Iss): «Obbligatorietà». Villani (Società italiana pediatria): «Subordinare interesse personale a tutela della collettività»

Italy experiencing measles epidemic after fall-off in vaccinations

Italian health ministry said there had been almost 1,500 registered cases of measles this year as US issued a warning to visitors about the outbreak

Review Article

Measles outbreaks in Italy: A paradigm of the re-emergence of vaccine-preventable diseases in developed countries

Review

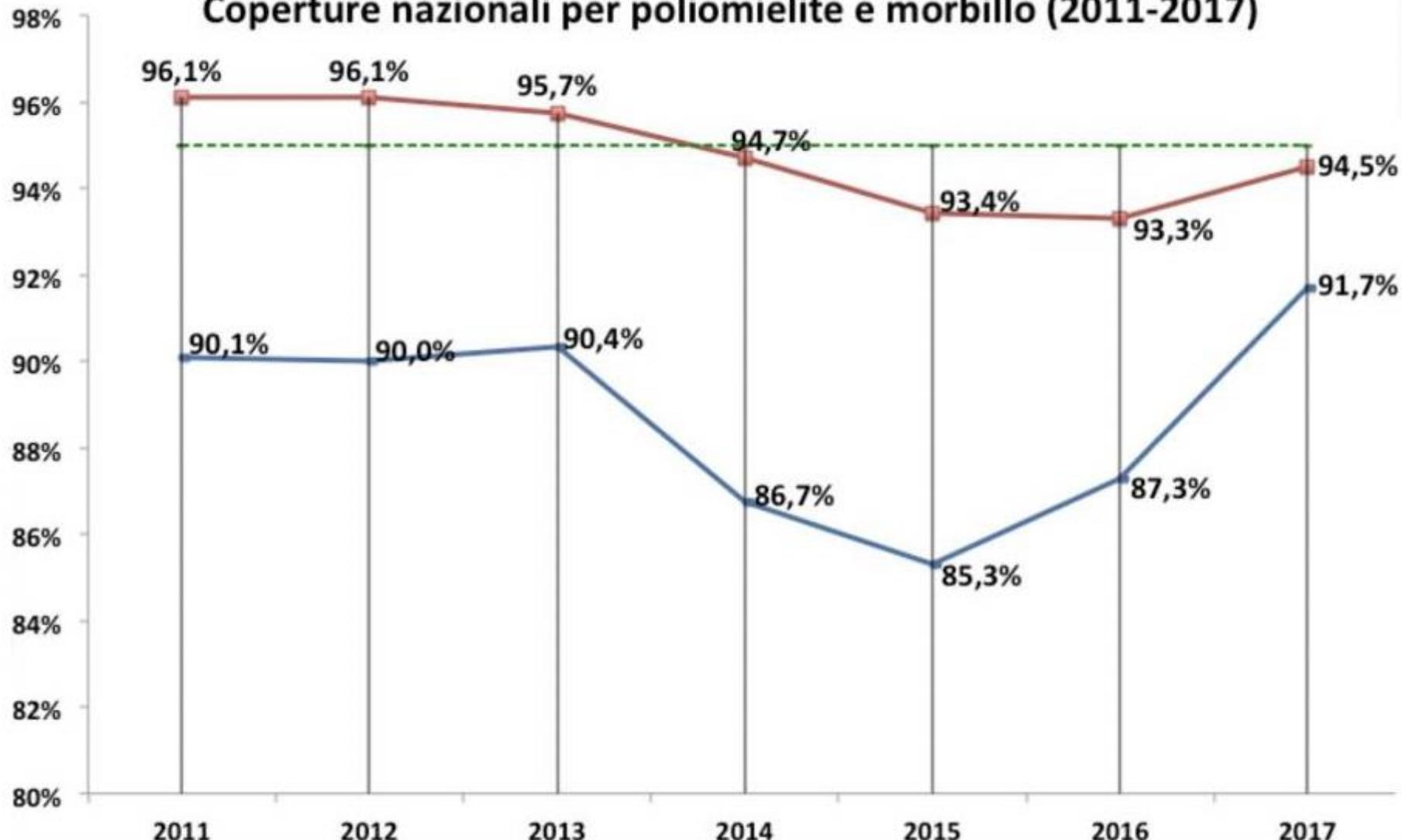
Spotlight on measles in Italy: why outbreaks of a vaccine-preventable infection continue in the 21st century

Amid Measles Outbreak, Italy Makes Childhood Vaccinations Mandatory

Italy bans unvaccinated children from school

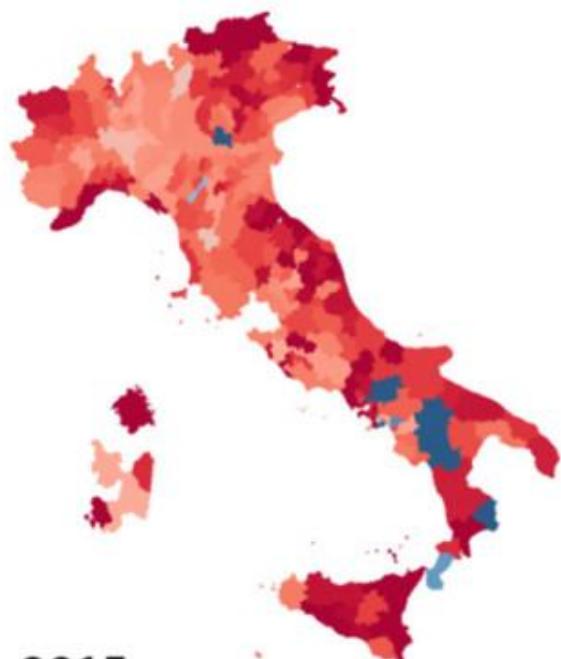
⌚ 12 March 2019

Coperture nazionali per poliomielite e morbillo (2011-2017)

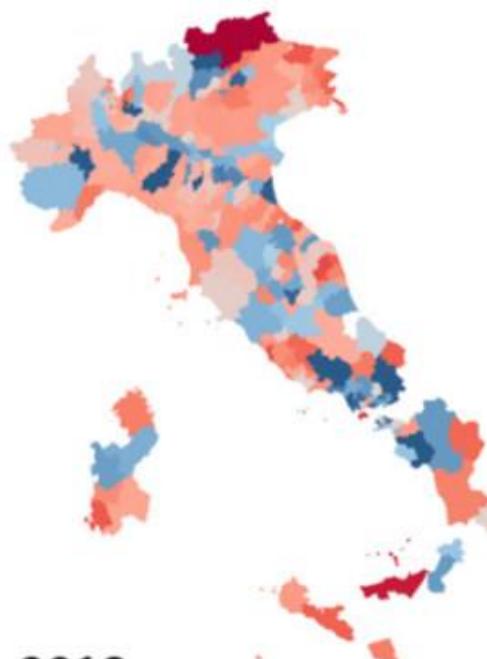


Morbillo: le coperture

Fonte: elaborazione Wired su dati aziende sanitarie



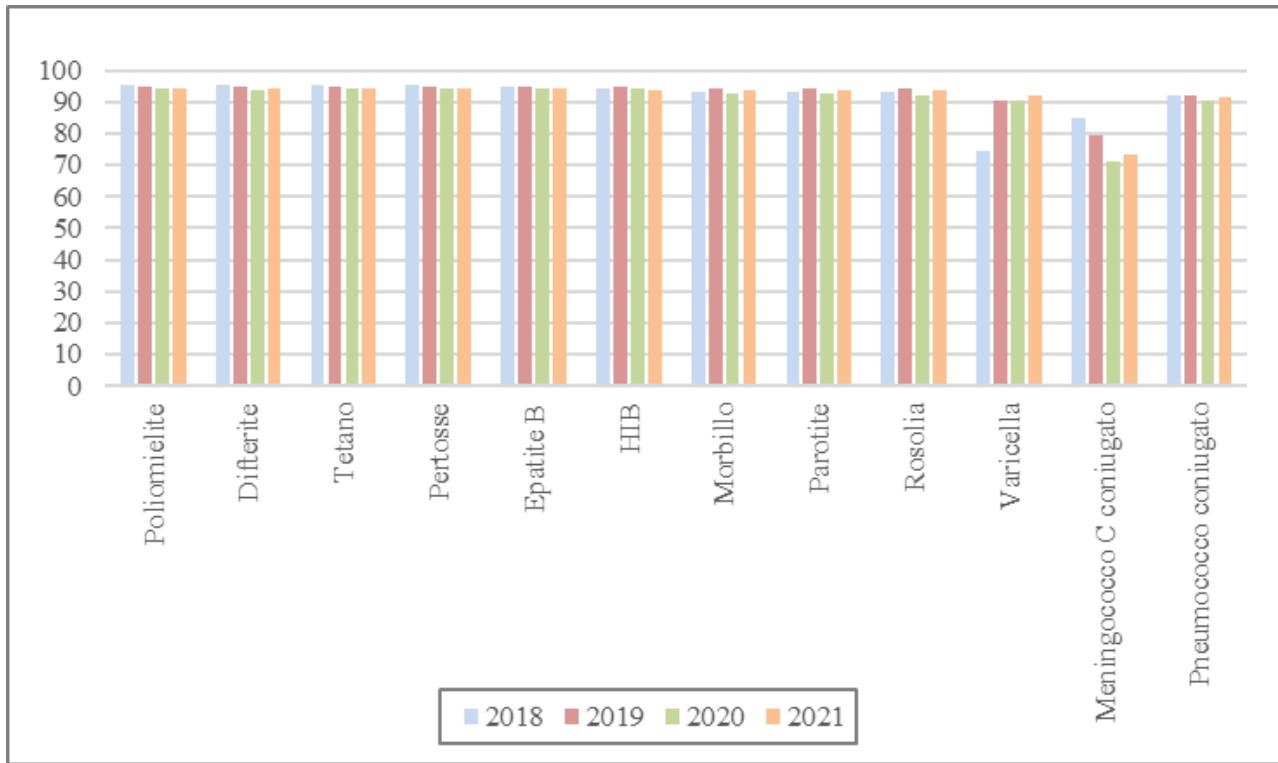
2015



2018

WIRED

Proporzione (valori per 100) di copertura vaccinale nei bambini di età ≤24 mesi per tipologia di antigene - Anni 2018-2021



Fonte dei dati: Ministero della Salute. Rapporto Osservasalute. Anno di pubblicazione 2023



Società
Italiana di
Pediatria



CALENDARIO VACCINALE PER LA VITA

The most complete and inclusive vaccination plan ever

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COMMENT | VOLUME 393, ISSUE 10169, P304, JANUARY 26, 2019

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Offline: On scientific leadership

Richard Horton 

Published: January 26, 2019 • DOI: [https://doi.org/10.1016/S0140-6736\(19\)30154-0](https://doi.org/10.1016/S0140-6736(19)30154-0) •



Check for updates

A photograph showing several individuals in what appears to be a public transit or airport setting. They are all wearing white surgical-style face masks. In the foreground, a woman on the left wears a dark denim jacket over a light-colored top. To her right, another woman has her hands clasped near her face. The background is blurred, showing more people and what might be a train or bus interior.

COVID-19: ITALY IS THE WORST HIT COUNTRY





Italy makes Covid vaccinations compulsory for over-50s

Workplace rules also tightened to require health passes for those 50 or over with minimum €600 fines for non-compliance

The Italian “No Jab, No Job” Law

While the world tackles the thorny issues of vaccine passports and [“no jab, no job” policies](#), on April 1st 2021 Italy became (to the best of my knowledge) the first country to enact a law specifically prescribing COVID-19 vaccination for healthcare workers, with non-compliance entailing removal from healthcare activities or, when this is not possible, suspension from work and wage. This may appear as an infringement of the



Italy introduces mandatory vaccination for over-50s

By Eleonora Vasques | EURACTIV.it 6 gen 2022



EURACTIV

S&D - Socialist

Recomm

COVID-19: Italy doing better than USA says Fauci

An example to the world says American immunologist

Redazione ANSA

WASHINGTON

16 September 2021
17:25

NEWS

 Suggerisci

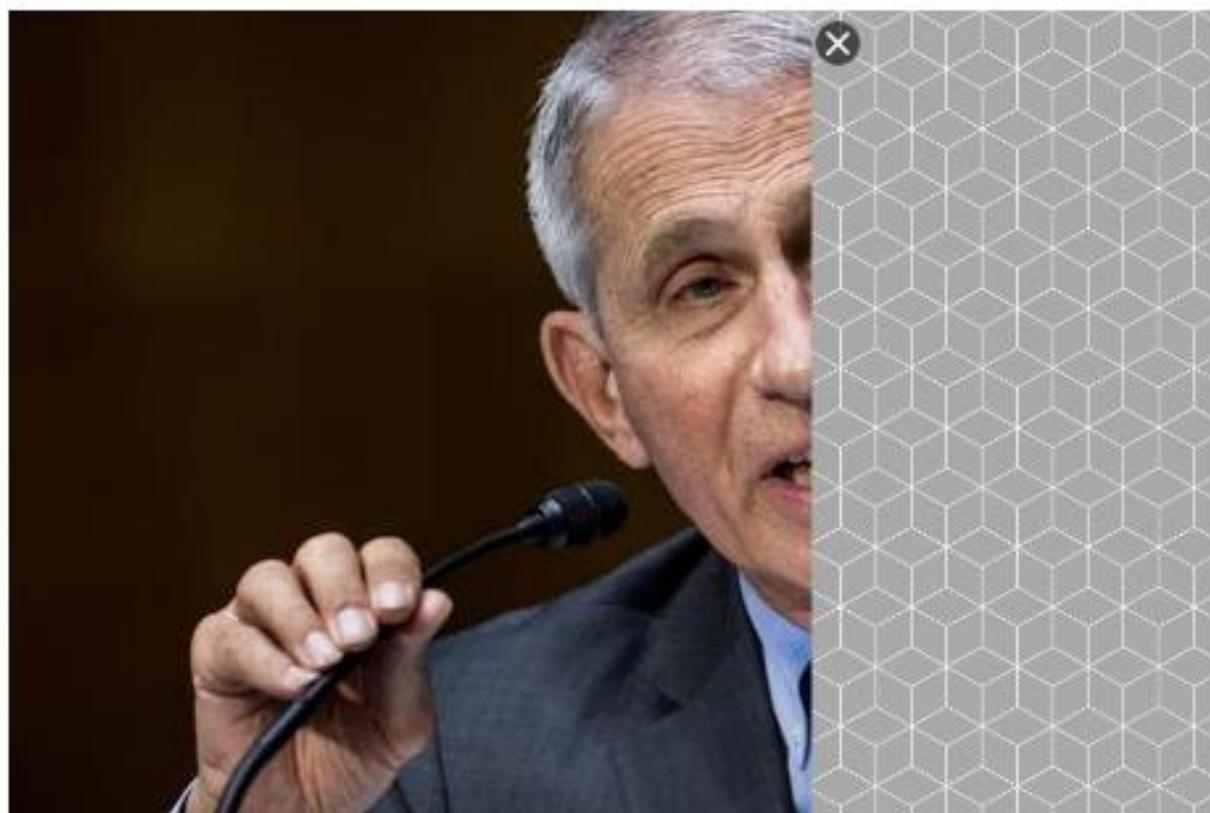
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 Stampa



REVIEW | VOLUME 398, ISSUE 10317, P2193-2206, DECEMBER 11, 2021

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The evolution of the Italian National Health Service

Prof Walter Ricciardi, MPH • Rosanna Tarricone, PhD  

Published: October 22, 2021 • DOI: [https://doi.org/10.1016/S0140-6736\(21\)01733-5](https://doi.org/10.1016/S0140-6736(21)01733-5) •  Check for updates

70s



2023



Vaccines
are widely
considered one
of civilization's
greatest health
achievements.

Vaccines save lives

Vaccines are the most cost-effective health care interventions.

Vaccines are not perceived as a valuable technology

 Press release

New data indicates declining confidence in childhood vaccines of up to 44 percentage points in some countries during the COVID-19 pandemic

New UNICEF report shows 67 million children missed out on one or more vaccinations over three years due to service disruption caused by strained health systems and diversion of scarce resources, conflict and fragility, and decreased confidence.



CNN health

Life, But Better

Fitness

Food

Sleep

Mindfulness

Relationships

Health misinformation and lack of confidence in vaccines continue to grow, years after the Covid-19 pandemic, survey shows



By [Carma Hassan](#), CNN

⌚ 3 minute read · Published 8:08 PM EDT, Wed November 1, 2023

CALL

Carl T. Bergstrom & Jevin D. West

ING

Calling Bullshit

*The Art of Skepticism
in a Data-Driven
World*

BULL

SHIT

We shall never surrender.

Winston Churchill



Thanks for your attention