

Vaccines in action: Impact and Gwent local uptake



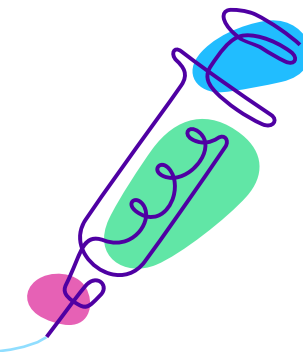
Bwrdd Iechyd Prifysgol
Aneurin Bevan
University Health Board



Mae Brechu yn achub bywydau
Vaccination saves lives



Tîm Iechyd Cyhoeddus
Gwent
Public Health Team



Vaccines save lives – but uptake matters!

Vaccinations have transformed health worldwide, protecting millions from serious illness and death. But their impact depends on how many people actually get them.

In **Gwent**, uptake varies – some vaccines are reaching great levels of protection, while others still need more work.

This infographic brings the data to life, showing both the evidence-based power of a number of vaccines and how our local uptake compares in Gwent.



Rotavirus

Age 1

Since the introduction of the vaccine in July 2013, laboratory-confirmed **rotavirus infections in infants dropped by 77%** in just the first season.

Gwent Uptake Data

National target Rotavirus booster: 95%

Gwent: 89.0%

MMR2

Age 5

Two doses are **97% effective at preventing measles**, 88% against mumps and 89% against rubella.

Gwent Uptake Data

National target: 95%
Age 5 MMR2

Gwent: 87.3%

Shingles (Shingrix)

Age 50+

Clinical trials show **>90% efficacy in preventing shingles** in immunocompetent adults aged 50+.

Gwent Uptake Data

National target: 60–70%

Gwent: 56.6%

Influenza

All

Annual flu vaccination **cuts flu-related hospitalisations by ~30% in over-65s and 74% in 2 to 17-year-olds.**

Gwent Uptake Data

National target: 75%

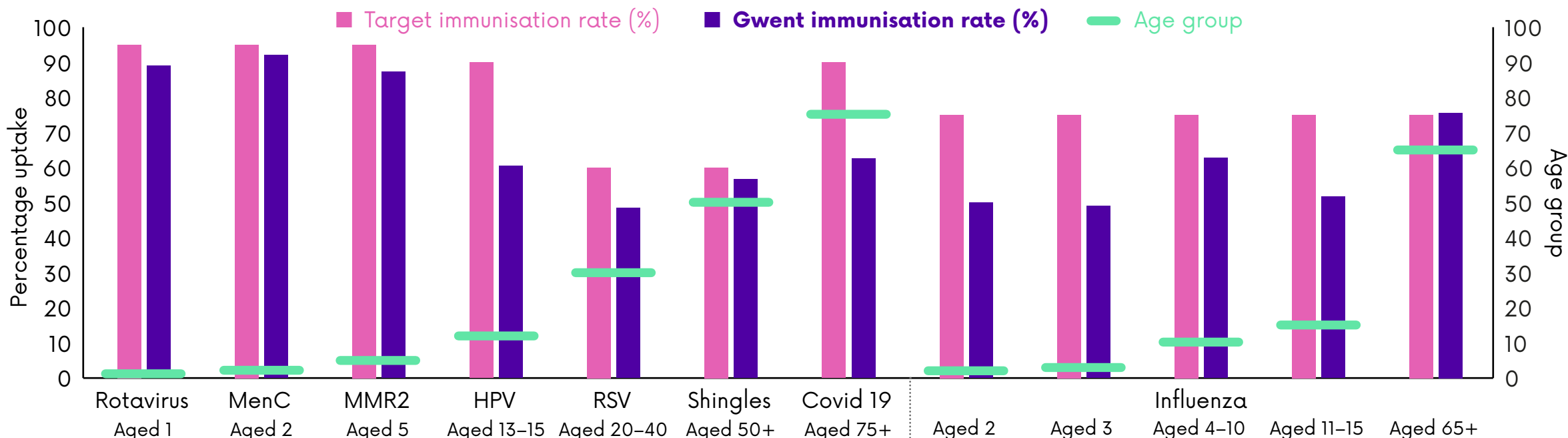
Gwent:

Children:

- aged 2 – 50%
- aged 3 – 49.1%
- aged 4 to 10 – 62.7%
- aged 11 to 15 – 51.7%

Adults 65+ – 75.6%

<65 at risk – 42.5%
(fall from 47.4% 2022/23)



Meningococcal Group C (MenC)

Age 2

In the UK, following the introduction of the MenC vaccine in 1999 **the number of cases fell by over 90% in all age groups immunised.**

Gwent Uptake Data

National target HibMenC booster: 95%

Gwent: 92.1%

HPV

Age 13

Routine vaccination of girls aged 12–13 in England has led to an **87% reduction in cervical cancer rates.**

Gwent Uptake Data

National target HPV: 90%

Gwent: 60.5%

- Age 15 Girls: 69.5%
- Age 15 Boys: 63.4%

RSV Maternal Vaccine

Pregnant women
The vaccine cut severe RSV illness by 82% in the first three months and 70% in six months, with **hospitalisations down overall by 55%.**

Gwent Uptake Data

Recommended coverage 60% minimum

COVID 19

75+ or severely immunosuppressed or older adults in care homes

In the UK's first six months of rollout, **vaccination prevented an estimated 7,151,000 infections and 27,200 deaths.**

Gwent Uptake Data

National target: 75%

Gwent: 62.6%