

# MALAYSIA

## HPV VACCINATION PROGRAMME LANDSCAPE

### Authors

Saidatul N.B., Mardiana O., Radziah M., Noorhaire SN, Don Ismail M., Fauziah A.

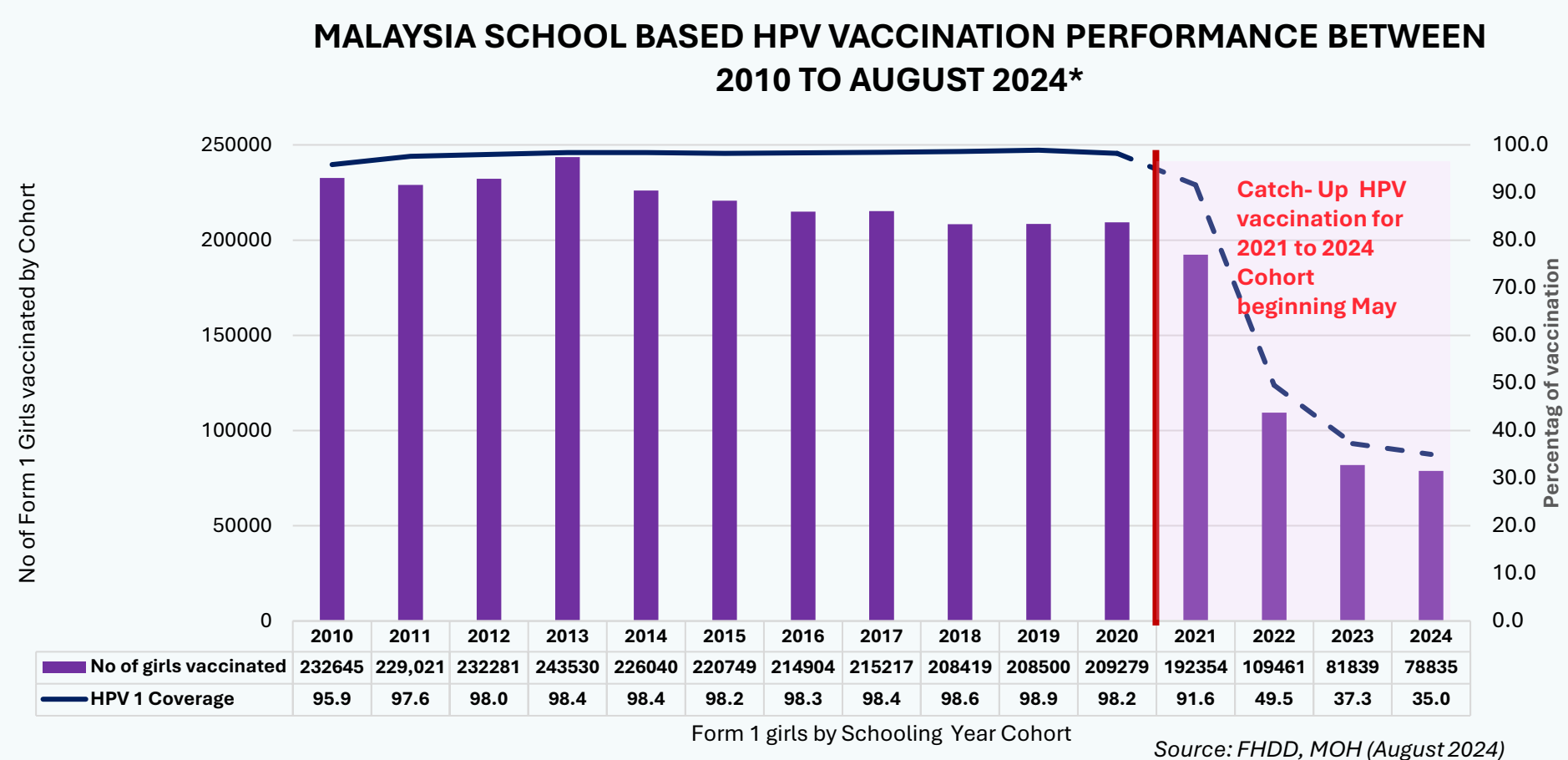
### Programme Status

- The National HPV Immunization Programme was introduced as the preventive strategy against HPV 16 and 18 related cervical cancer in 2010.
- HPV vaccination has been integrated into the National Expanded Program of Immunization (EPI) targeting girls aged 13 years old.
- It is being delivered as a school-based vaccination under the school health programme package for schoolgirls in Form 1 / Year 7.
- Out of schoolgirls were offered vaccination through MOH health clinics.

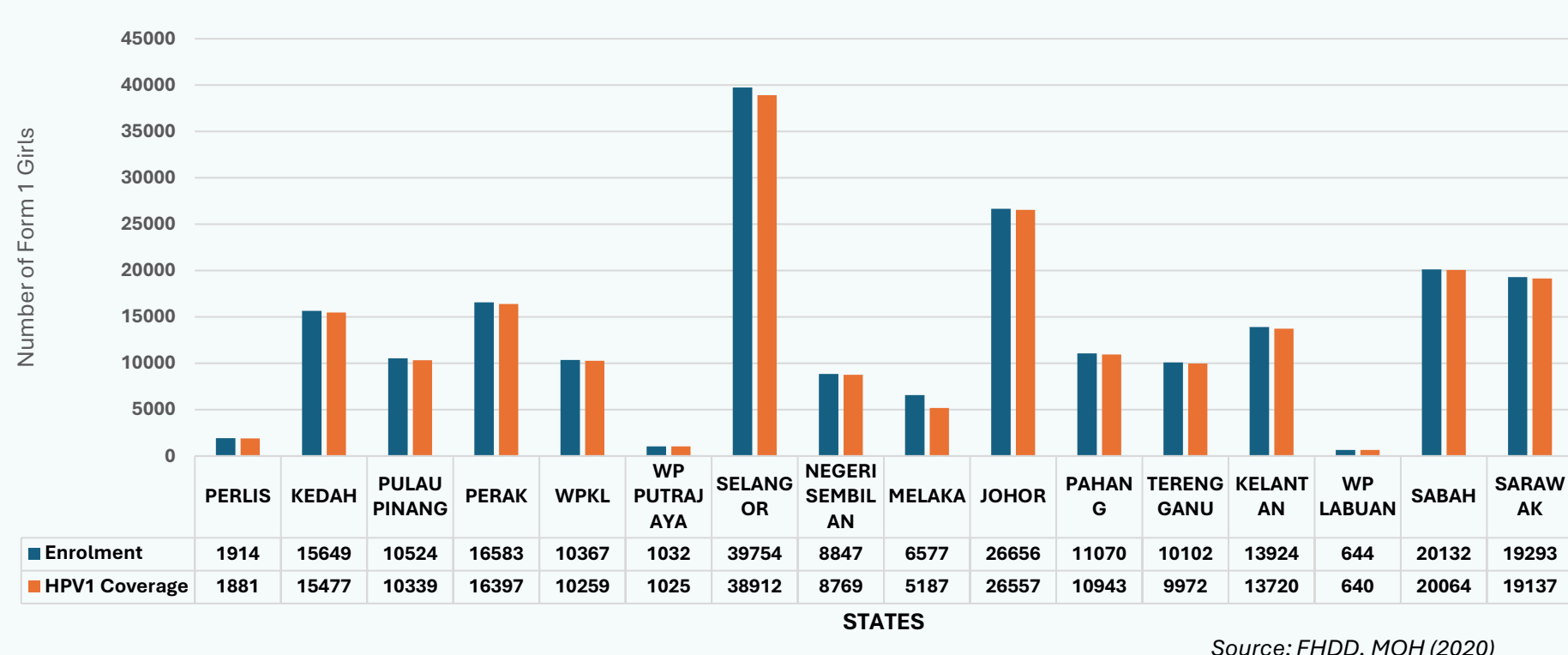
### Implementation

- During COVID 19 pandemic, as the schools were closed, the school-based vaccination was shift to clinic base vaccination in 2020.
- Malaysia was not able to secure adequate HPV vaccine supply in 2020 until 2024 resulting in deferring the HPV vaccination to 2024.
- On the 21st May 2024, HPV catch-up campaign was launched by Deputy Minister of Health. The challenge is to ensure a total of 719,718 schoolgirls in Form 1 to Form 4 receive their vaccinations before the end of the 2024/2025 school year in March 2025.
- Collaboration with National Cancer Society Malaysia to deliver vaccines for out of schoolgirls and private schools.

### HPV Immunisation Coverage at National and Subnational Levels



### HPV VACCINATION PERFORMANCE AT SUBNATIONAL LEVEL IN 2020



### Dosing Schedule

- Malaysia has used both bivalent and quadrivalent vaccine since 2010.
- Policy changes on dosing schedule was approved by NITG as follows:
  - ✓ 2010 - 3 doses schedule at 0, 1 and 6 months
  - ✓ 2015 - 2 doses schedule at 0 and 6 months
  - ✓ 2023 - single dose schedule

### Best practices

- 2024:** Leveraging MyVAS digital platform to improve HPV immunisation data management
- Malaysian Vaccination System (MyVas) initially introduced to facilitate COVID-19 vaccination implementation has been expanded to HPV vaccination Program.

- Advantage: Real time data monitoring at district, subnational and national level
- Identify programme weakness: Allow immediate remedial action
- Dashboard feature: Effective monitoring and evaluation
- Act as HPV vaccine registry: Follow up for future cervical screening programme
- MyVAS issued HPV vaccine certificate to girls through their's/parent's mobile phone

### Barriers

- Vaccine hesitancy following misinformation and trust for COVID 19 vaccine

Corresponding Author Contact Email:  
s.norbaya@moh.gov.my, mardiana.omar@moh.gov.my