

# LEAVING NO ONE BEHIND: HPV VACCINATION PROGRAMME

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## BACKGROUND

- Cervical Cancer in Malaysia:**
  - The third most common cancer among women, primarily caused by HPV, with types 16 and 18 responsible for most cases (1).
- HPV Vaccines:**
  - Protect against 90% of HPV-related cancers. Three types available in Malaysia are Bivalent, Quadrivalent, Nonavalent (2).
- National Immunisation Programme:**
  - Launched in 2010 for 13-year-old girls, providing two doses six months apart, free of charge (3).
  - From 2010 to 2016, 85.8% of eligible girls (around 250,000 per year) were vaccinated (4).

## ISSUE

### Impact of COVID-19 !!!

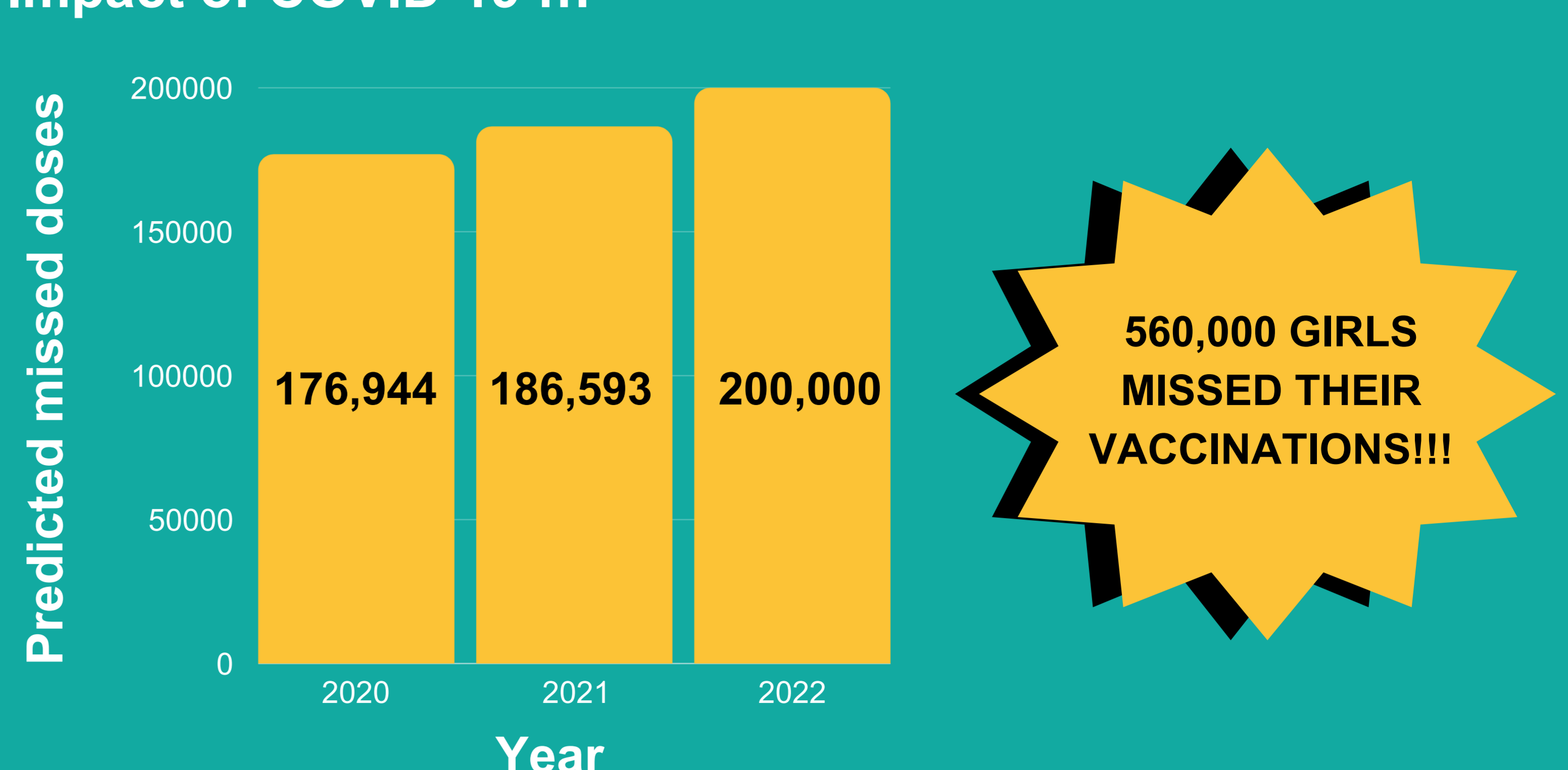


Figure 1. Estimated number of 13-year-old teenage girls in Malaysian secondary school who would have missed their HPV vaccines from 2020 to 2022 (4)

## CALL TO ACTION

- Restart the nationwide HPV vaccination programme in 2023
- Implement a catch-up vaccination programme in 2023 for those who have missed their HPV vaccination

## PROBLEM STATEMENT

Between 2020 and 2022, was the national HPV vaccination programme for 13-year-old teenage girls in Malaysian secondary schools conducted in all states?

NCSM's survey was carried out among all districts in every state in Malaysia. Secondary schools were sampled and asked whether HPV vaccination had been carried out between years 2020 and 2022.

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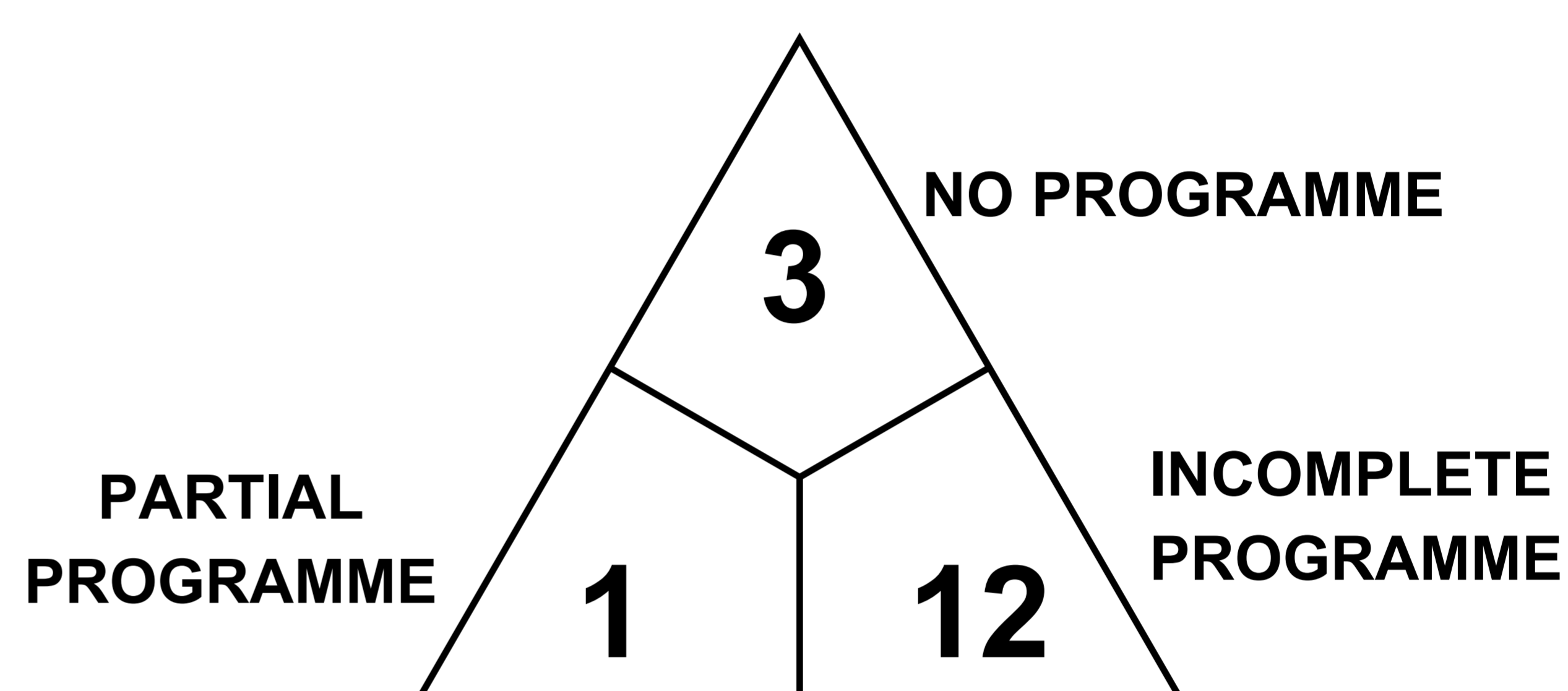


Image 1. Parliamentary Launch: 23 November 2023



Image 2. Nationwide Launch @ Tambun, Perak with DYMM Raja Permaisuri of Perak, Tuanku Zara Salim 28 February 2024

Overall, there was a lack of comprehensive reporting by most states in the country on the status of HPV vaccination programmes between 2020 and 2022.



- Eligibility Criteria:** Those eligible to receive the HPV vaccine through this programme include teenage girls and women aged between 13 and 20 years (born between 2004 and 2011) who come from one or more of the following groups:

- B40 (poor) households
- Chronically ill
- Persons with disabilities
- Live in reform centres or prisons
- Single mothers
- Orang Asli and Orang Asal communities
- Primary school drop-outs

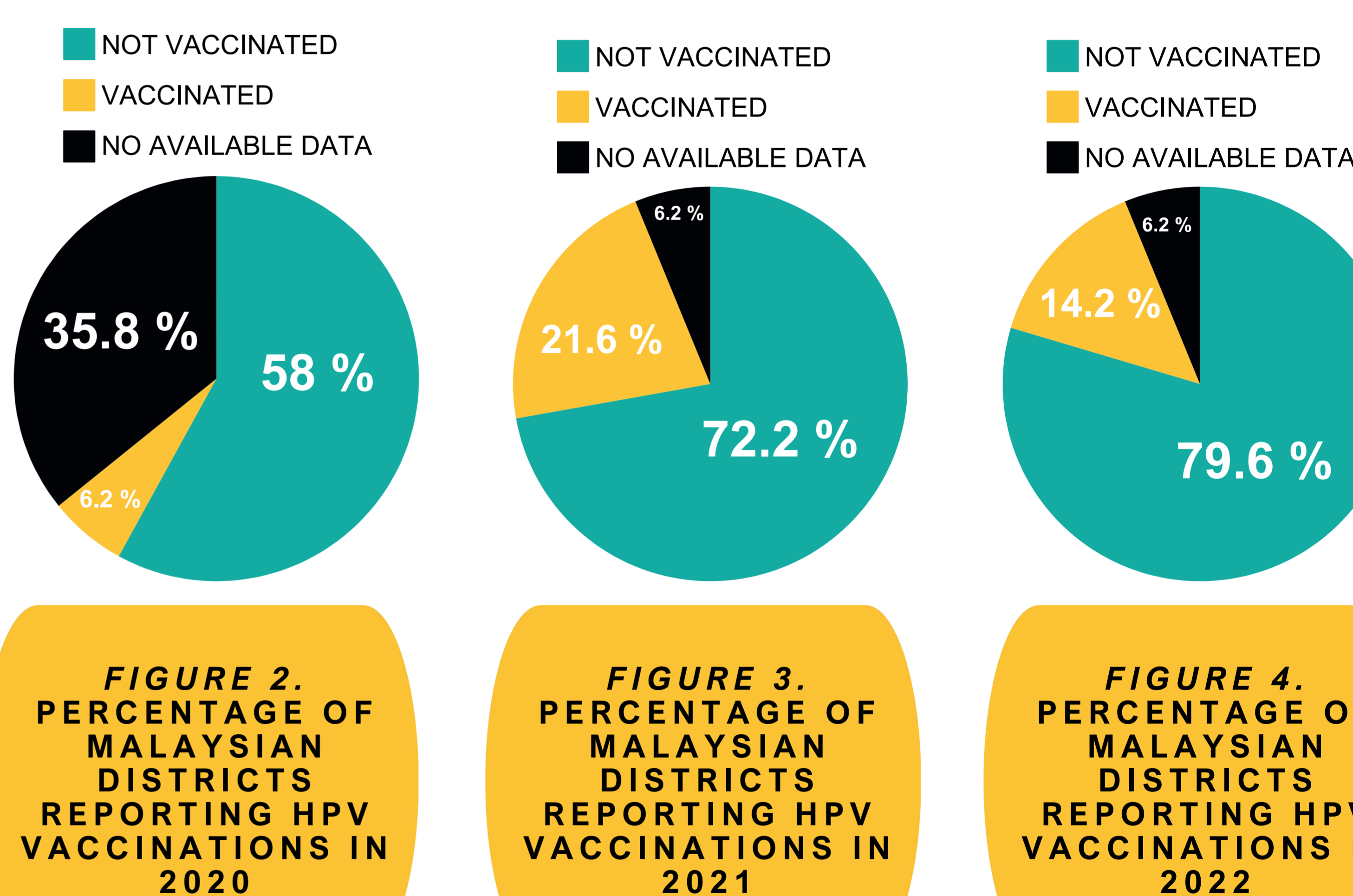


FIGURE 2. PERCENTAGE OF MALAYSIAN DISTRICTS REPORTING HPV VACCINATIONS IN 2020

FIGURE 3. PERCENTAGE OF MALAYSIAN DISTRICTS REPORTING HPV VACCINATIONS IN 2021

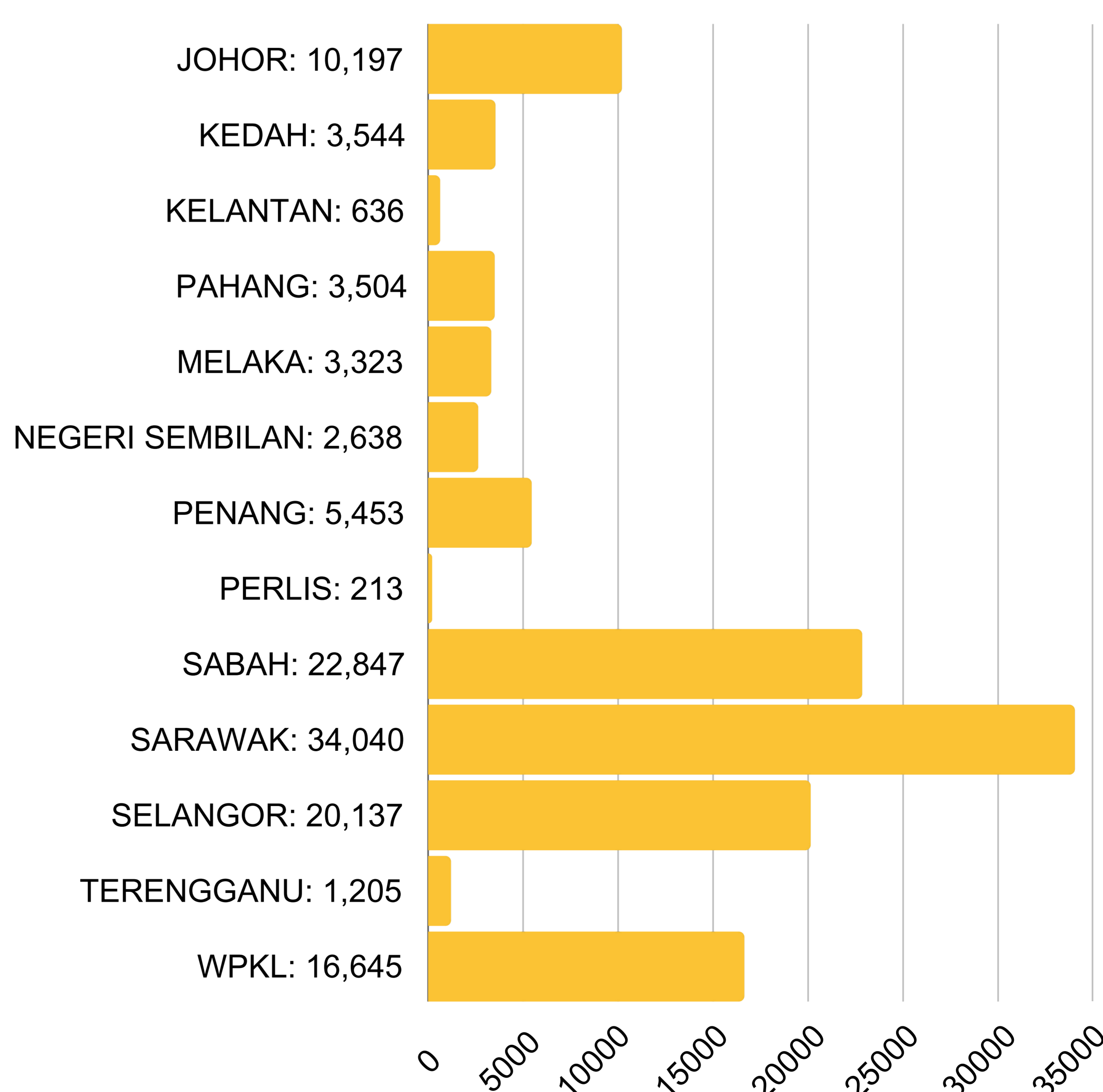
FIGURE 4. PERCENTAGE OF MALAYSIAN DISTRICTS REPORTING HPV VACCINATIONS IN 2022

## “LEAVING NO ONE BEHIND”: IMPLEMENTATION

### VACCINE ADMINISTRATION BY CATEGORY

CATEGORY	TOTAL VACCINE ADMINISTERED	
	Where We Started	Where We Are At Now
ORGANISATION / INSTITUTION	0	61,029
PARLIAMENTARIAN SPONSORSHIP	0	2,450
GROUPS OF ORPHANS / PEOPLE WITH DISABILITIES / ELDERLY WITH CHRONIC ILLNESSES	0	784
ASNAF GROUPS (NEEDY AND ELIGIBLE FOR ZAKAT)	29	4,867
INDIGENOUS GROUPS / REMOTE AREAS	0	1,077
COMMUNITY	0	63,155
SCHOOL DROP-OUTS/GROUPS OF SINGLE MOTHERS / REHABILITATION / PRISON / UNDERPRIVILEGED	23	578
OTHERS	0	1,090
<b>TOTAL</b>	<b>52</b>	<b>135,176</b>

### VACCINE ADMINISTRATION BY STATE (135,176 ADMINISTERED | 14/09/2024)



### Findings:

- States such as Sarawak, Selangor, WPKL have shown trends of high vaccine uptake
  - Reasons: More awareness, access to healthcare, high health literacy, high population density, high socioeconomic status, high community engagement, active promotion of vaccine
- States such as Kelantan, Perlis, Terengganu have shown trends of low vaccine uptake
  - Reasons: Vaccine hesitancy, antivax, backlash from Covid vaccine, low health literacy, low population density, low socioeconomic status, low community engagement, passive promotion of vaccine

### Successful interventions done by NCSM to improve vaccine uptake:

- “JOM BORAK” Booth: Personalized support for vaccine-related queries
- HPV Vaccine Talks: Expert-led sessions on the benefits of the HPV vaccine
- HPV Educational Materials: Comprehensive resources on HPV awareness and related cancers to promote informed vaccinations

### LINK TO READING MATERIALS

