



กรมควบคุมโรค
Department of Disease Control

HPV Vaccine Implementation in Thailand and way forward

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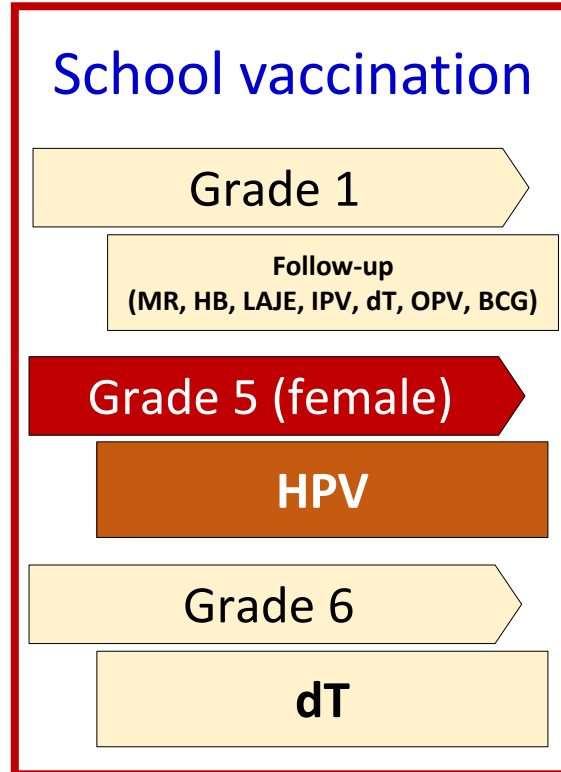


Thailand's National Immunization Program

Thailand National Immunization Program has launched in 1977, until now 11 vaccines, which cover 13 antigens, are included in routine immunization schedule under Universal Health Coverage Scheme.

The Advisory Committee on Immunization Practices (ACIP) works closely to Ministry of Public Health to provide recommendation on vaccine protocol.

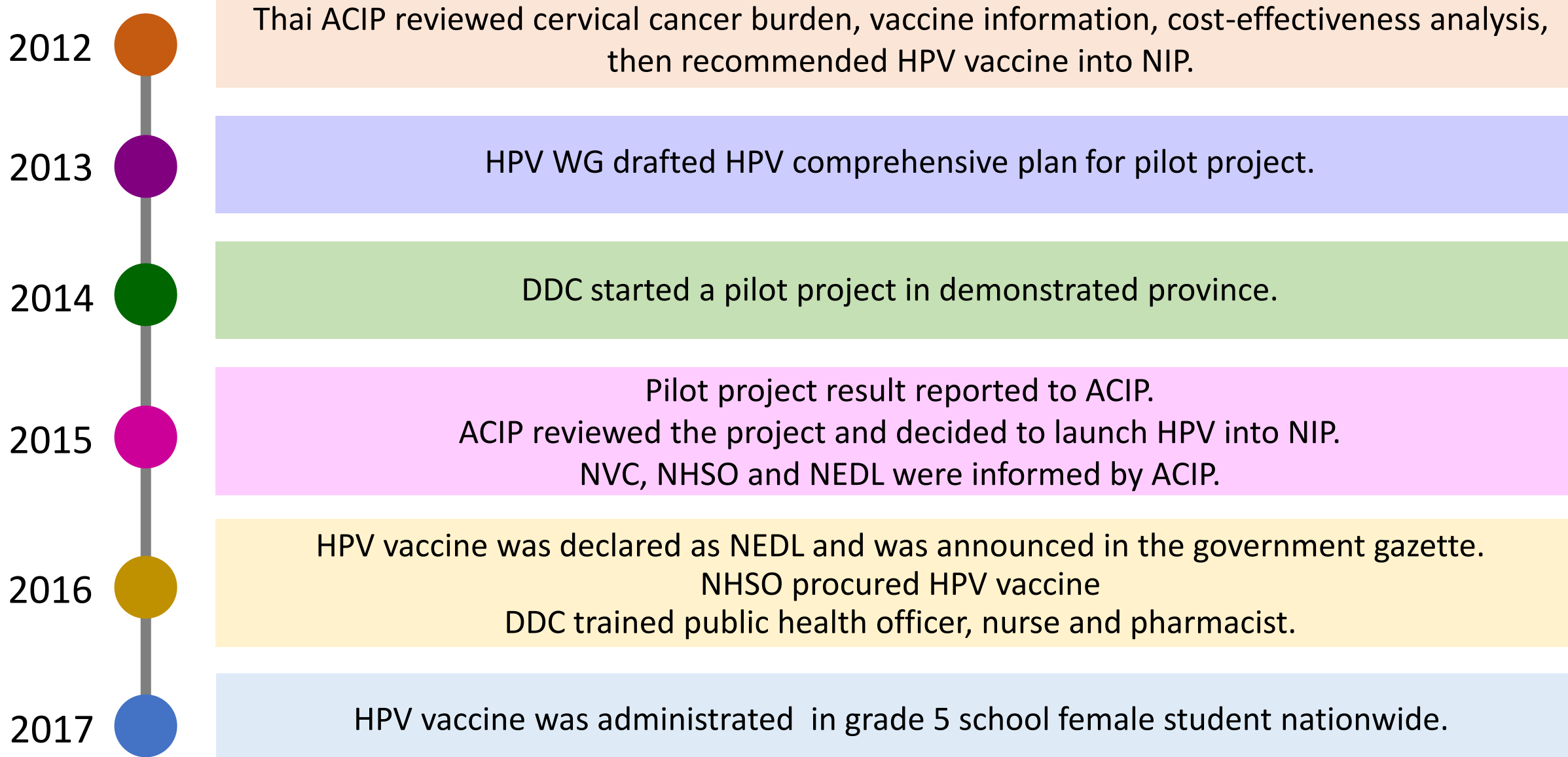
Vaccine	At Birth	1M	2M	4M	6M	9M	1Y	1Y6M	2Y6M	4Y	G1*	G5	G6	
BCG	BCG										(BCG)			
HB	HB1	HB2	DTP- HB- Hib1	DTP- HB- Hib2	DTP- HB- Hib3						(HB)			
DTP							DTP4	DTP5						
Hib														
OPV			OPV1	OPV2	OPV3			OPV4		OPV5	(OPV)			
IPV				IPV1							(IPV)			
Rota			Rota1	Rota2	Rota3									
MMR						MMR1		MMR2			(MMR)			
LAJE							LAJE1		LAJE2		(LAJE)			
HPV												HPV1 HPV2		
dT											(dT)		dT	



- Pregnant women : dT depend on vaccination history
- Risk population and healthcare worker : Influenza vaccine
- All eligible population : Covid-19 vaccine

* Follow-up vaccination for grade 1 student who miss a shot only

HPV Introduction in Thailand



Pilot HPV Vaccination Project

Objectives

- Assess the feasibility of the program
- Acceptability, Coverage, AEFI, Wastage rate

Pilot Project Implementation

- Target
 - Grade 5 female students
 - Out-of-school girls aged 11-12 Y
- Schedule: 2 doses (6 months apart)
- Period of school-based immunization
 - 1st dose during Jun-Aug (First semester)
 - 2nd dose during Dec-Feb (Second semester)



Pilot in 1 Province

(Phra Nakhon Si Ayutthaya)

- Located in central region
- Divided into 16 districts
- Target population ~5,000 female students
- Variety of culture, religious and parents' occupation.



Preparation for Implementation

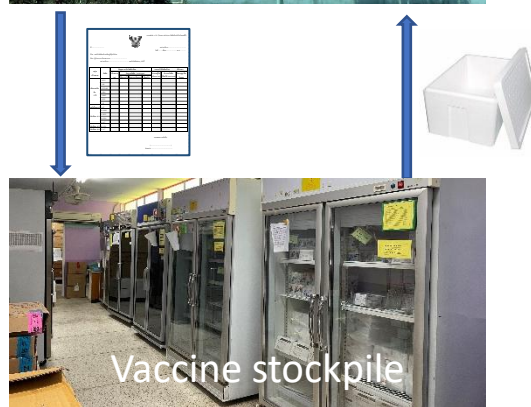
Training of Health Personnel



Operation of Immunization staff

- Provide new vaccine information
- Estimated number of target population
- Providing HPV vaccine and gathering report
- AEFI Monitoring
- Vaccine stockpile and logistics management

Logistics management



Providing Health Education

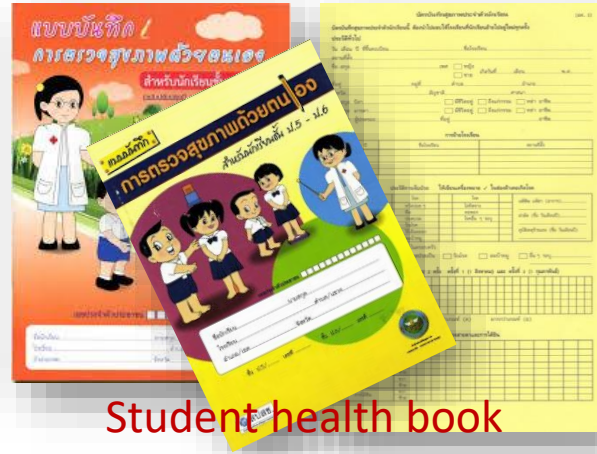


HPV Vaccine Implementation in Demonstrated Province

Immunization Session



Data Recording



Monitoring and Evaluation

Immunization audit

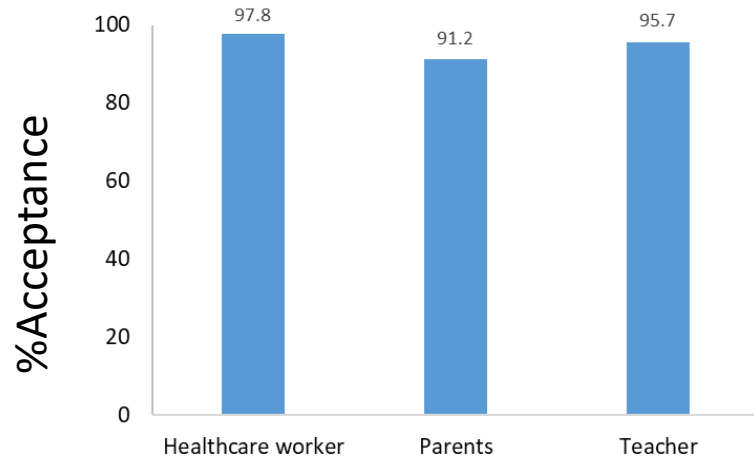


AEFI Surveillance

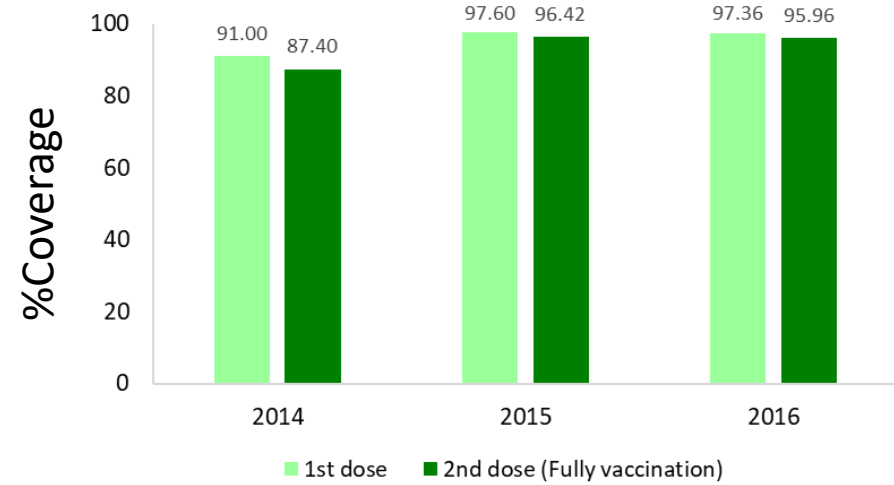


Results and Conclusions

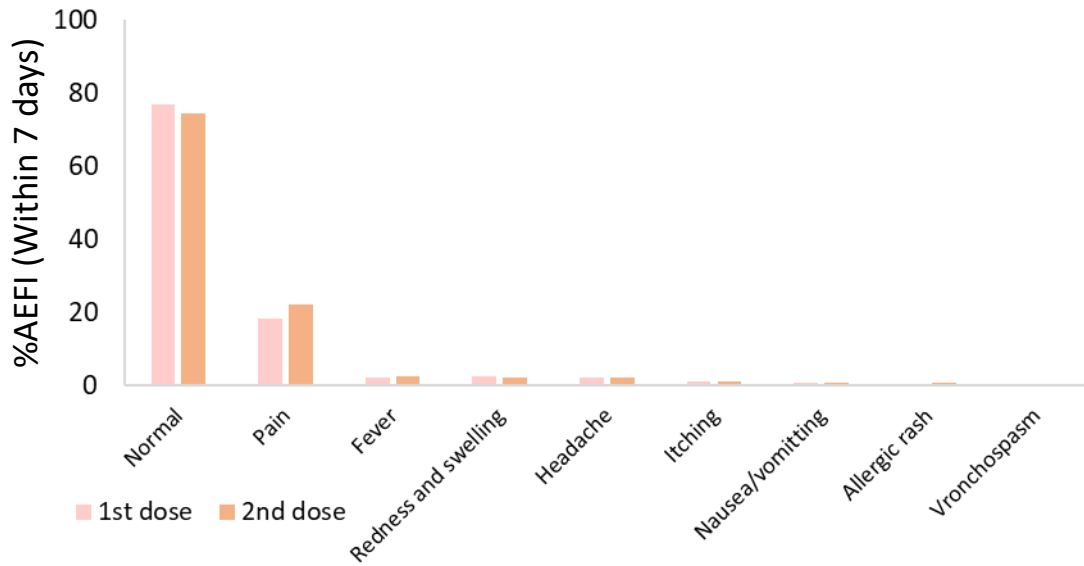
Acceptability



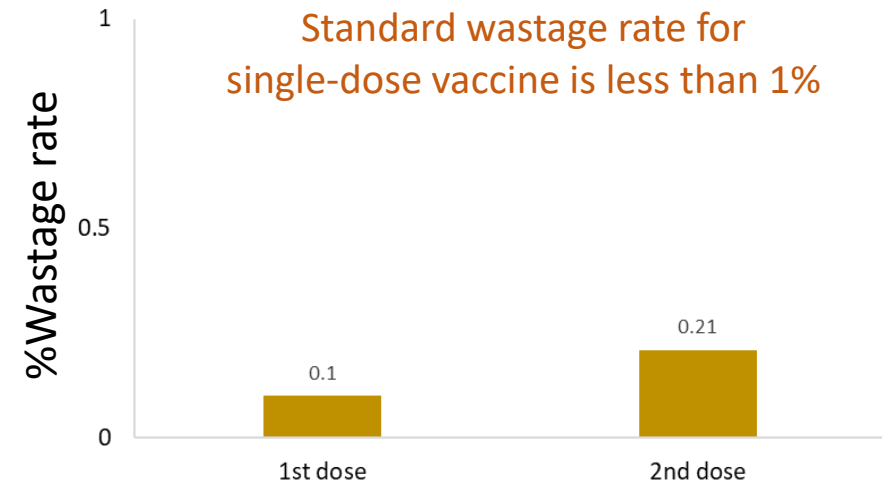
Vaccine Coverage



AEFI



Wastage Rate



Countrywide HPV Vaccination Program

Year of countrywide introduction: 2017

Program: School-based program

Funding source: 100 % government funding

Vaccination schedule: 2 doses (6 months apart)

Period of immunization

- 1st dose during Jun-Aug
- 2nd dose during Dec-Feb

Target population: ~ 400,000/year

- Grade 5 female students
- Out-of-school girls aged 11-12 Y



Situation and Way forward

Global shortage of HPV vaccine supply

- 3 cohorts of target female student missed vaccination (educational year 2019-2021)
- HPV vaccination started to provide in 2022

Thai ACIP provide recommendation for HPV vaccine

Apr 2022

- Grade 5 female student is priority target group.
- Principle of follow-up HPV vaccination for missed cohort; vaccinate oldest female student following number of vaccine procured.
- Local authority may use other sources of funding to procure vaccine for missed cohort.

Nov 2022

- In case of insufficient HPV vaccine supply, first dose can be provided to present and missed target group.

Next

- HPV from new manufacturer will be considered to recommend for NIP.



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Thank you.