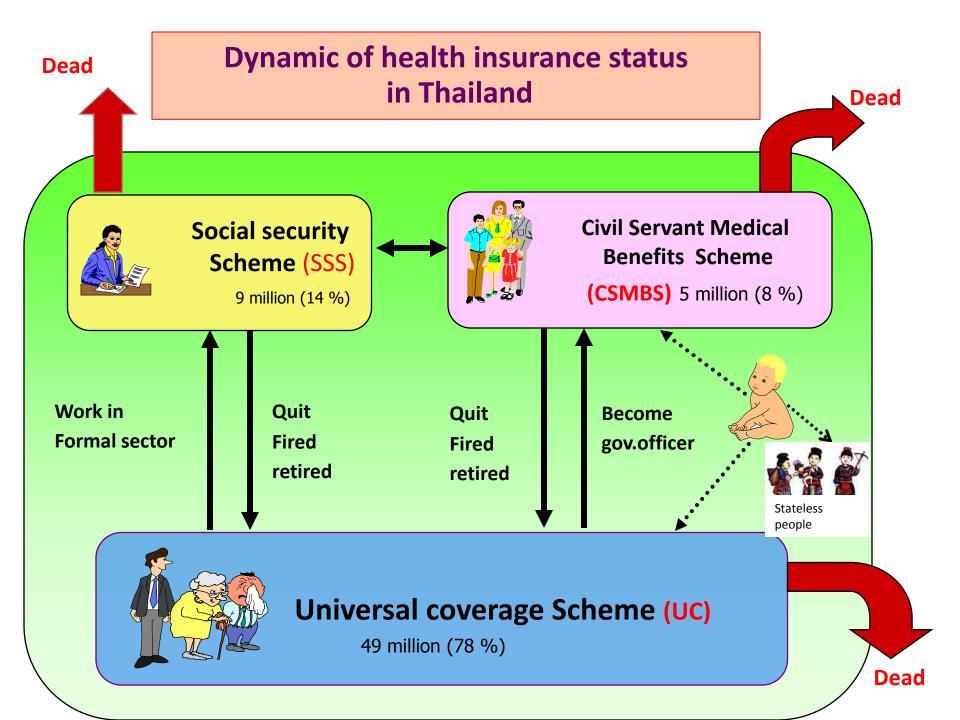


# Experience from streamlining the network design for vaccines by outsourcing to the private sector

Netnapis suchonwanich

Deputy Secretary-General

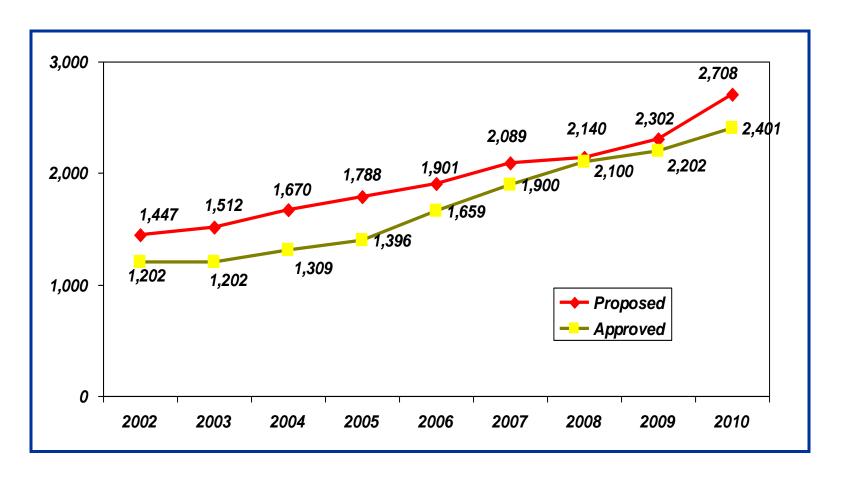
National Health Security office



#### Proposed versus approved capitation rate

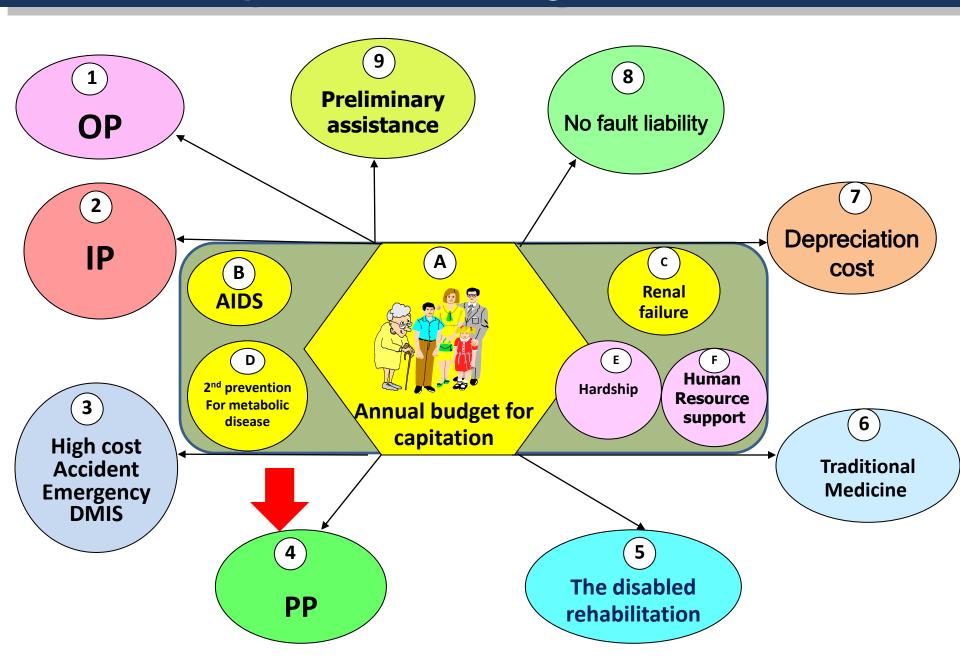


Baht per capita nominal term 2002-2010

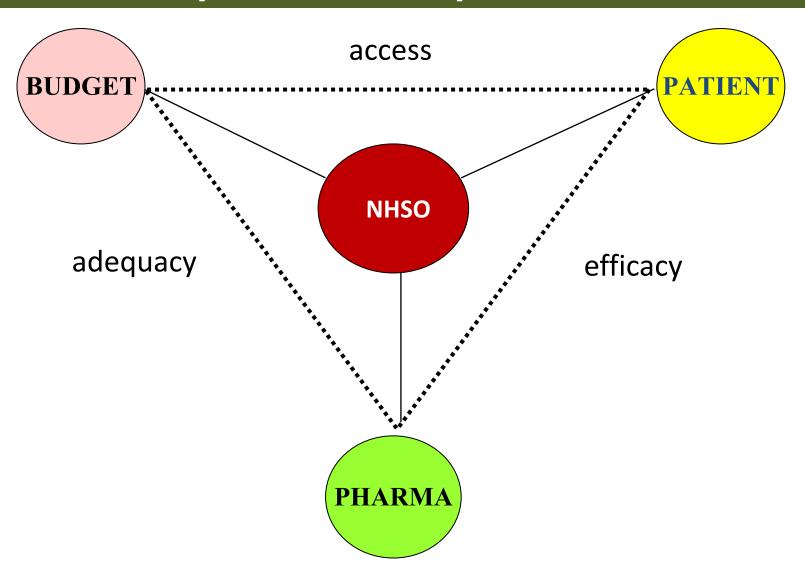


2,895 Baht in 2014 equivalent to US\$ 90 for a comprehensive package

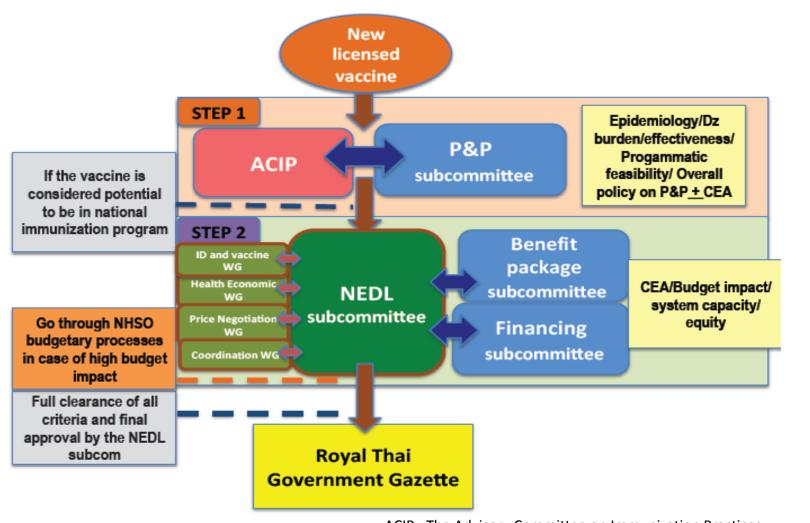
#### Comprehensive design for UC fund



### 3 Perspectives for pharmaceutical procurement



#### The selection of new vaccine in EPI program



ACIP: The Advisory Committee on Immunization Practices
NEDL subcommittee: National essential drug list subcommittee

#### National Essential Drug List (NEDL)

#### Concept

cover drugs needed for protection & treatment of health problems of Thai people at essential level in an economic & cost-effective manner.

#### Selection criteria

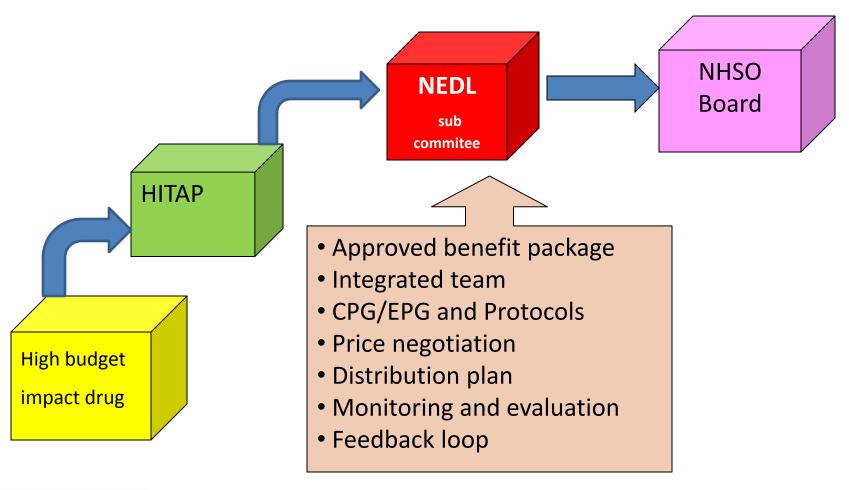
health need safety efficacy

compliance quality Cost-effectiveness

Treatment cost affordability Equity

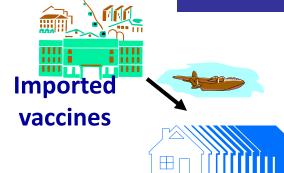
Availability Budget Impact

#### Drug's journey to become the items in ED list in Thailand





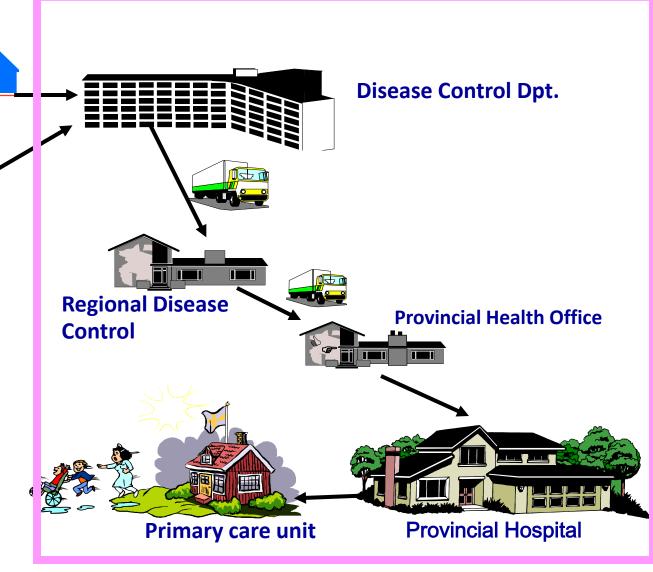
#### The former EPI vaccines distribution channel



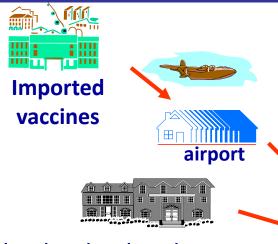


airport

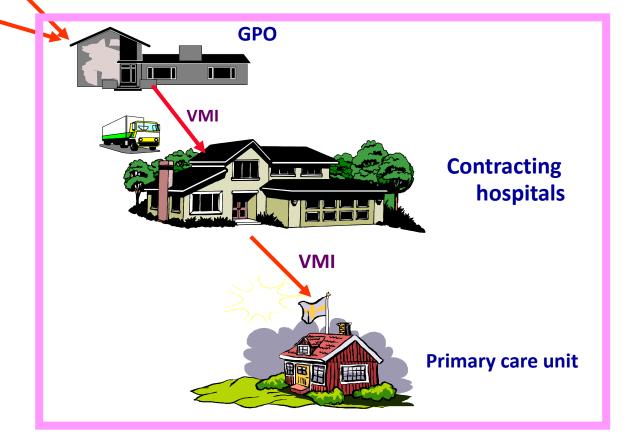
Vaccine (Red Cross, GPO etc)



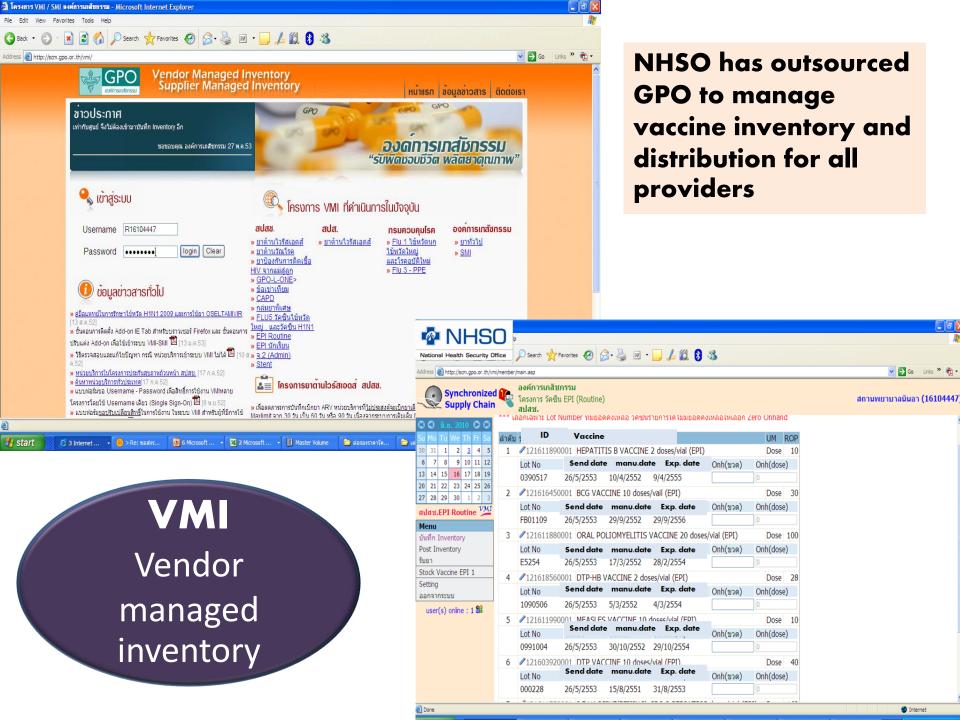
#### The current distribution channel under GPO- VMI



Local produced vaccine (Red Cross, GPO etc)



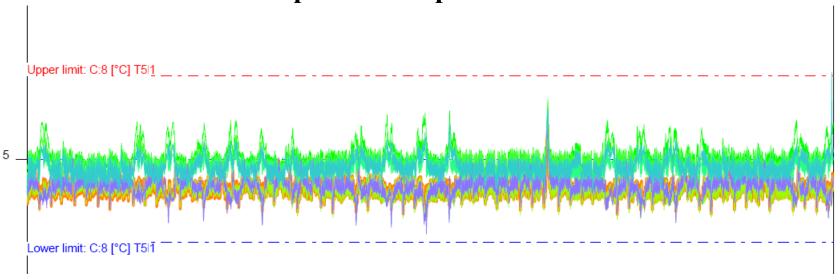




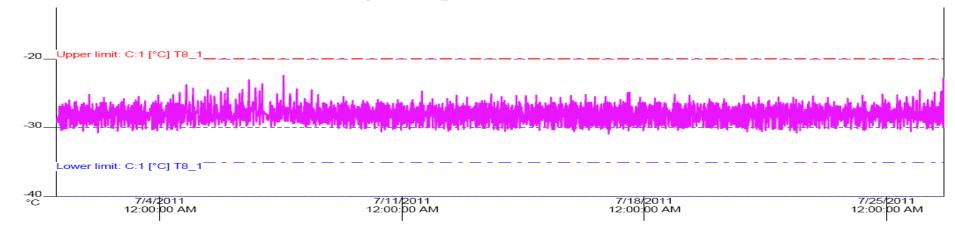
### **Cold chain** reform at GPO

**Storage temperature : Cold Room** 

Optimize temperature 2-8 °c



### Storage temperature : FREEZING ROOM Storage temperature -20 °c



#### Well organized vaccine storage at the hospitals



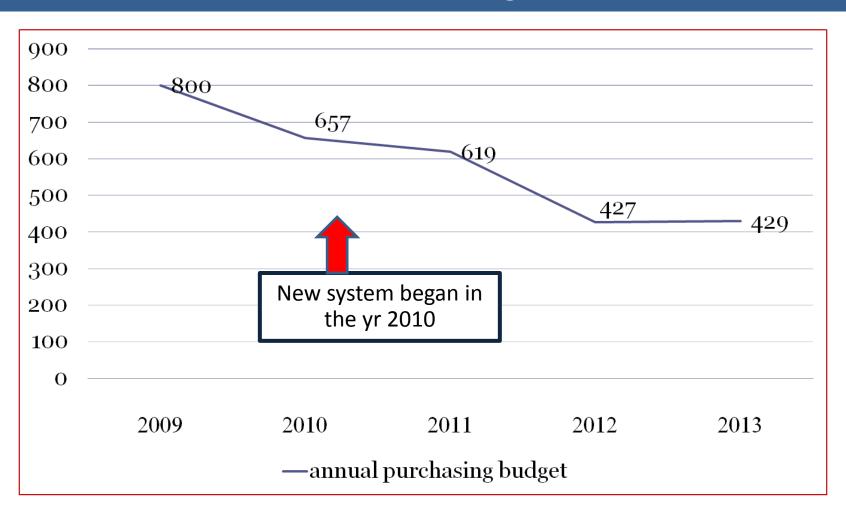
Place in good manner with air flow arrangement and Clearly labeled preventing for dispensing errors

วัคซึน DPT - HB

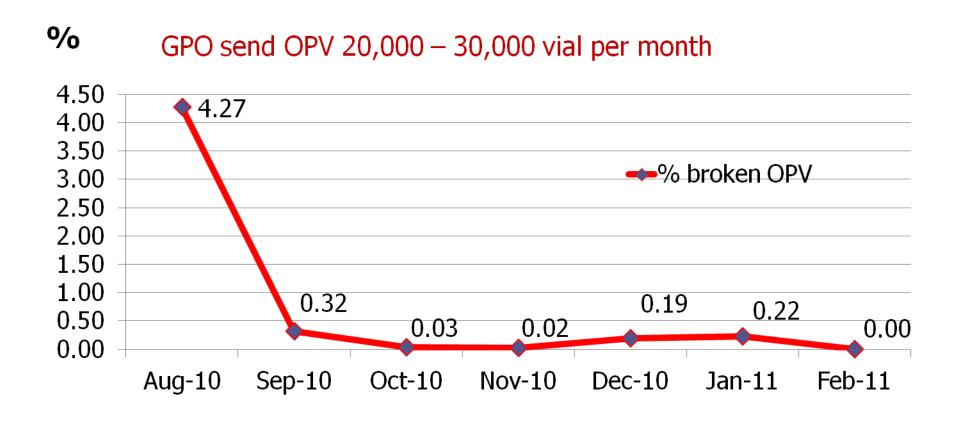
เปิดแล้วใช้ได้ 8 ชั่วโมง

Placing Data Logger controlling for temp. sensitive vaccines: DTP-HB

# Decreasing the purchasing budget for EPI vaccines after new warehouse designed (million Bht.)

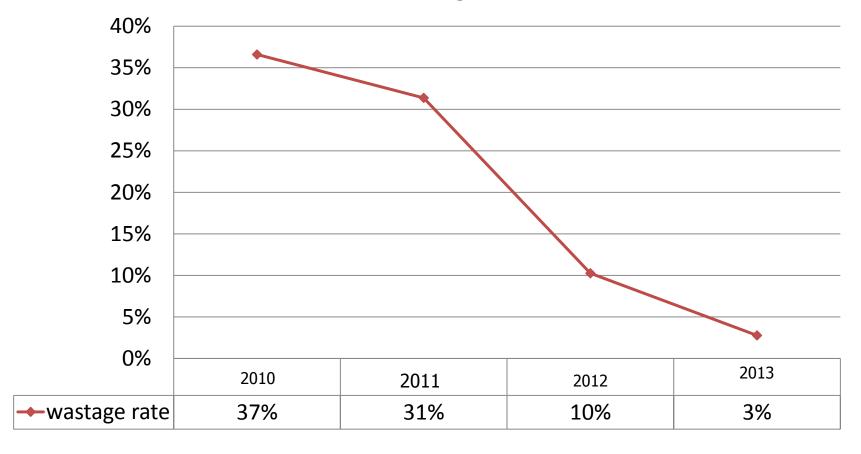


#### The decreasing of broken OPV from GPO's logistics



# Decreasing the wastage rate after changing the MMR packaging size

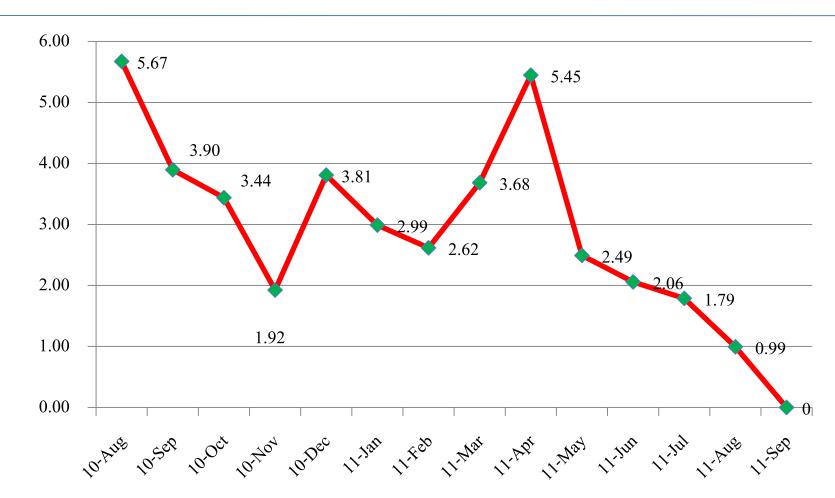




#### Distribution problems from hospitals

% of trans

Sampling from 1000 – 1500 transaction/month



#### Challenges

- 1. Reducing the wastage rate
  - From opened vials
  - From un-opened vials (expired product)
  - From utilization diverted from target population
- 2. Improve Cold chain management, distribution best practice and whole chain monitoring and evaluation
- 3. Outbreak management