



Ministry of  
Health



# CAMBODIA

## 4th Asia Pacific Network Meeting of WHO-FIC

14-15 Sept 2009, Hamamatsu, Japan

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# Outline of Presentation

1. An overview of Health System

2. Health Information System

# 1. An overview of the Health System

“to improve and extend primary health care through the implementation of a district based health system to meet the people’s essential health needs” by: (*Health Development Plan 94-96*)

- ✓ Ensuring entire coverage by establishing each facility’s catchment area
- ✓ Clarifying and re-enforcing the role of hospitals and health centers
- ✓ Rationalizing the allocation and use of resources
- ✓ Improving people’s confidence for public health system

**Changing from administratively based to population based health system organization**

# PHC in the Context of Health System Reform

- Policies, legislations, strategic planning
- Resource mobilization and allocation
- Monitoring, evaluation, research, HIS
- Training, support to provinces/districts
- Multisectoral coordination, external aid

- Link MoH and ODs
- Implement health policies, HSP via AOP
- Ensure equitable distribution and effective use of resources available
- Support development of OD (M&E, in-service training, coordination)

-Distinct and complementary to HC care

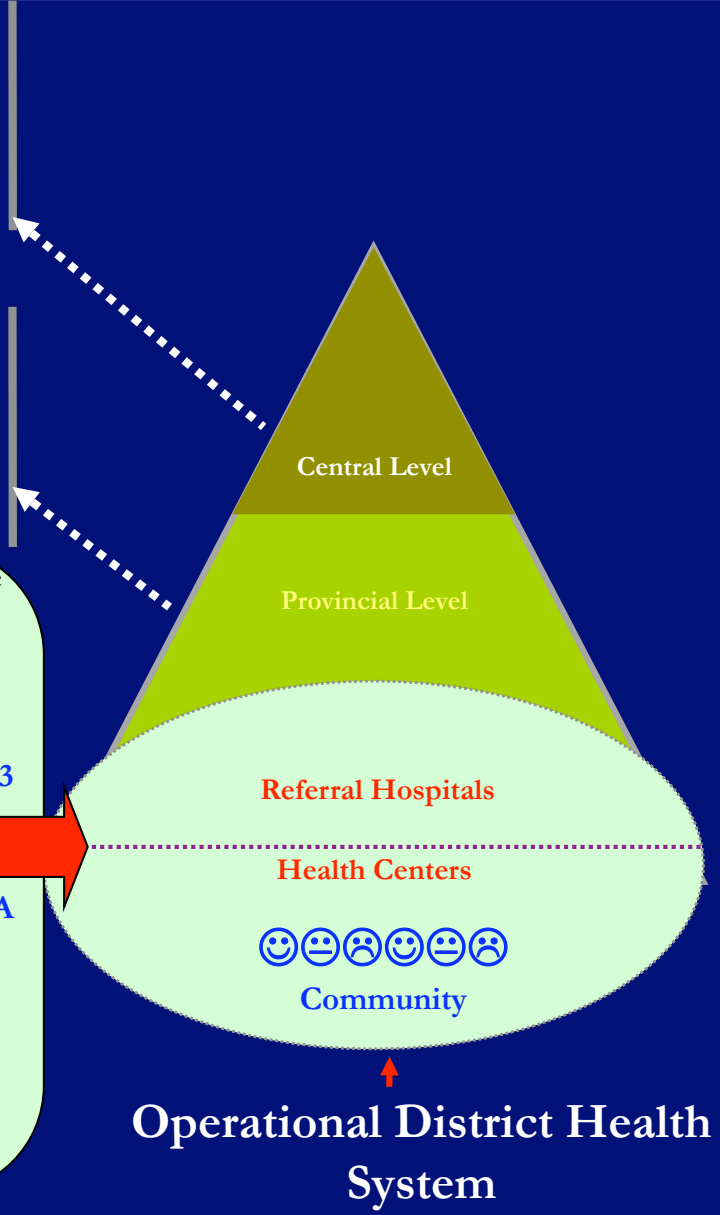
- Specialized services
- Treatment for complex health problems
- Follow-up/continuing care
- Support HC in clinical training & supervision

**CPA1/CPA2/CPA3**

**Health Services and Management**

**MPA**

- Encourage community participation
- Have close contact with the population
- Be efficient and affordable
- Provide integrated high quality
- Ensure accessibility: financial, geographically and culturally appropriate



**Operational District Health System**

# Type of Primary Care Setting

- Community Services: Outreach Activity
- Health Center
- Referral Hospital
- Other Practices: - Private sector
  - Traditional providers

# Utilization of Health Care

Place of treatment	First treatment	Second treatment
<b>Did not seek treatment</b>	8.5	73.3
<b>Public sector</b>	21.6	5.9
National hospital (PP)	2.4	0.8
Provincial hospital (RH)	2.6	0.6
District hospital (RH)	2.8	0.7
Health center	13.0	3.4
Health post	0.5	0.2
Outreach	0.1	0.0
Other public	0.3	0.1
<b>Private sector</b>	48.2	13.3
<b>Non-medical sector</b>	20.8	7.3
<b>Other</b>	0.8	0.2
<b>Source: CDHS 2005</b>		

# Out patient consultation in PHC

- Total New Cases in Public Health Services  
2008: 7,200,755
- Total New Cases in PHC (Health centers and Referral Hospital) : 6,269,103  
= 87% of total new cases
- Total New Cases in Specialist Hospitals:  
931,652

\*Source: Annual Health Statistic Report 2008

# Health Information Collection

Information is collected through:

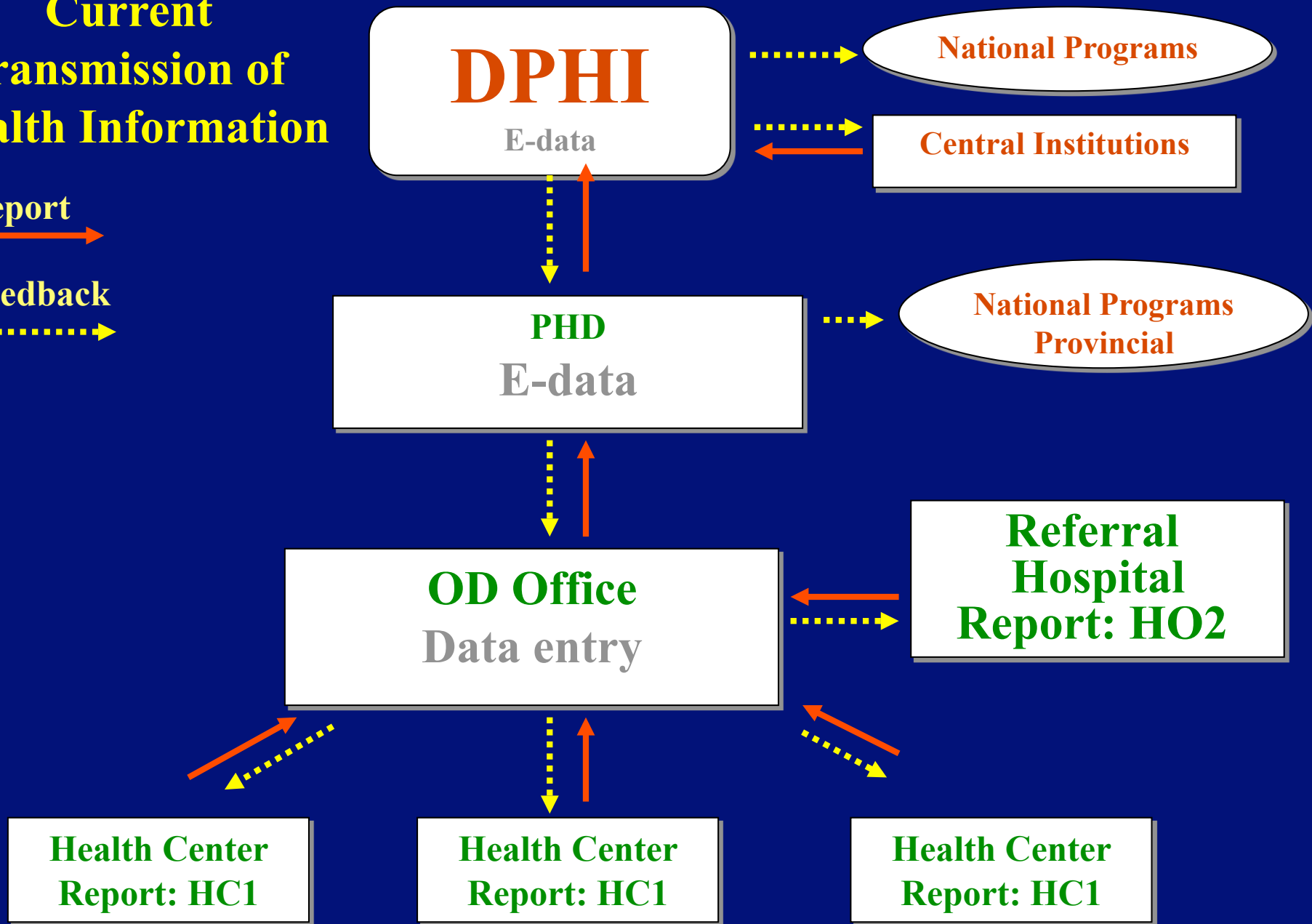
- Individual health records
- Health facility registers
- Outreach activity registers



# Current transmission of Health Information

Report  
→

Feedback  
→



HC1: Health center form, HO2: Hospital

# Data Collection and Reporting

- Start from hand written registers at Referral Hospital and Health Center :
  - Curative outpatient consultations
  - Antenatal consultations
  - Immunizations
  - Birth spacing
  - Deliveries
  - etc.....

# Data Collection and Reporting

- Through daily registers data is entered on Monthly Reports Form via tally sheets.
- HC1 report generated by Health Centers
- HO2 report generated by Referral Hospitals
- Health Centers send HC1 on paper to Operational District by fifth day of following month
- Referral Hospitals send E-data (HO2) to Operational District by fifth day of following month

# Data Collection and Reporting

- Operational District (OD) responsible for entering data from HCs into HIS software (Microsoft Access)
- ODs send E-data to Provincial Health Department (PHD) by 10th day of following month
- PHDs send E-data to Central Health Information Bureau, MOH, by 20th of following month.

- Information collection is mandated by Government Health Authorities
- Information is captured by Health Care Providers
- Coding is not yet done (planned for 2010)
- No coding system used for diagnoses ( Use only case definitions for diagnoses)
- No coding system used for procedures in primary care

# Health Information Guidelines

Instructions on :

- Recording in registers
- Filling in monthly reports
- Reporting
- Quality checking
- Use of Health Information for planning, program implementation, monitoring and evaluation, etc.....

# Use of Health Information

- Medical Record Keeping
- Reimbursement
- Facility Activity Monitoring
- Quality monitoring
- Patient safety
- Measurement and evaluation at local and sector levels: Joint Annual Performance Review, Joint Appraisal Operational Plan, etc....



**THANK YOU**