Strengthening Quality and utilization of Health Information Management through ILHZ

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Objective of the session

- Understand the Philippine Health Information System, its comprehensive approaches and purpose;
- Familiarized the various existing health information systems in the Philippines;
- Appreciate the role of sound and valid data;
- Understand the roles of ILHZ to Quality Health Information;
- Identified the benefits on building the local leaders and health managers for Quality Health Information.

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Definition of Health Information System (HIS)

- Collaborative effort to increase availability, access and use of timely, relevant and reliable health information through shared agreement on goals and coordinated efforts and investments in health information and knowledge system.

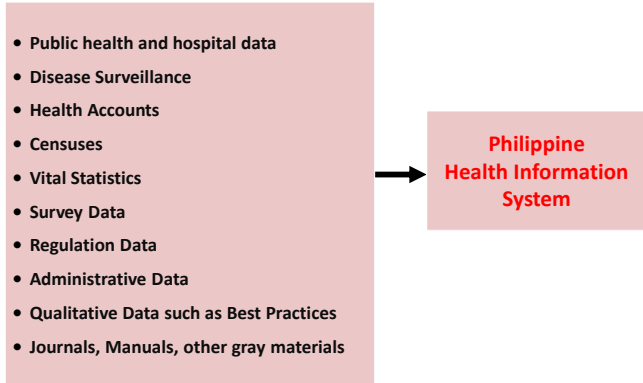- One among the pillar of Kalusugan Pangkalahatan (KP)

3

PURPOSE OF HEALTH INFORMATION SYSTEM

- To enable decision-makers at all levels of the health system to identify problems and needs, make evidence-based decisions on health policy and allocate scarce resources optimally

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HIS Comprehensive Approach

- Public health and hospital data
- Disease Surveillance
- Health Accounts
- Censuses
- Vital Statistics
- Survey Data
- Regulation Data
- Administrative Data
- Qualitative Data such as Best Practices
- Journals, Manuals, other gray materials

Philippine Health Information System

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Existing Health Information in the Philippines

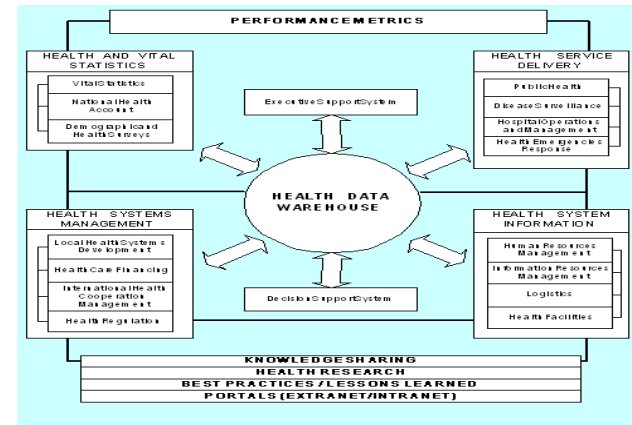| #	Information Systems	Operational	Ongoing Development	Ongoing Upgrading	For Implementation	Bidding
1	Electronic Drug Price Monitoring System	1				
2	Electronic Field Health Services Information System	1				
3	Electronic Job Posting System	1				
4	Filariasis Information System	1				
5	Hospital Operations MIS	1				
6	Integrated Drug Test Operations and MIS	1				
7	Online National Electronic Injury Surveillance System	1				
8	NESS	1				
9	National Health Data Dictionary	1				
10	National Human Resource for Health Stock Inventory System	1				
11	PIDSR	1				
12	Philippine Malaria Information System	1				
13	Philippine Registry for Persons with Disabilities	1				
14	Smokefree Monitoring System	1				
15	SPEED	1				

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Existing Health Information in the Philippines

#	Information Systems	Operational	Ongoing Development	Ongoing Upgrading	For Implementation	Bidding
16	Schistosomiasis Information System	1				
17	Web-based Public Assistance Information System	1				
18	HIV/AIDS Registry	1				
19	Unified HMIS	1				
20	Adverse Drug Online Reporting System				1	
21	Integrated Chronic Non-communicable Disease Registry System				1	
22	National Online Stock Inventory System				1	
23	National Rabies Information System				1	
24	Philippine Network for Injury Data Management System				1	
25	Yellow Pad Prescription System				1	
	TOTAL	19			6	

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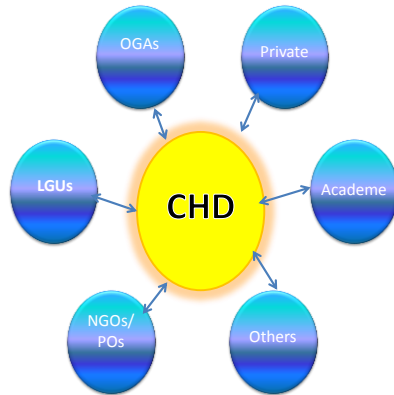# Framework of Philippine Health Information System Performance
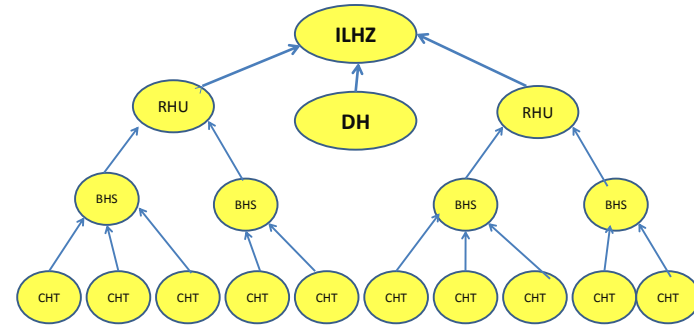

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Collaboration for HIS

Part of national & sub-national agenda, and health sector reform agenda and requirements are clear

"Political will and leadership are essential elements"

Flow of Data in the ILHZ

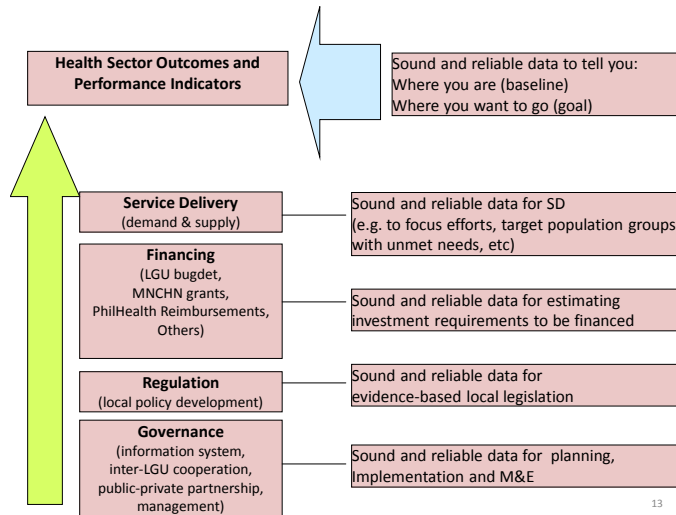## To support the LGU and Partners, CHD provides support through:

- Strengthening capacities and systems through technical training on data quality check and updating;

- Financial support through the MNCHN Grants Facility: Under the DO 2010-0165 (MNCHN 2010) - *Develop a reliable health information system that would provide quality and reliable data for key health indicators;*

- Technical oversight in the recording, maintenance and reporting of health information

Role of Valid and Sound Data for Improving MNCHN Outcomes in an ILHZ set up

Data Quality Check and Updating

| Health Sector Outcomes and Performance Indicators | ← | Sound and reliable data to tell you: Where you are (baseline) Where you want to go (goal) |

Service Delivery (demand & supply) — Sound and reliable data for SD (e.g. to focus efforts, target population groups with unmet needs, etc)

Financing (LGU bugdet, MNCHN grants, PhilHealth Reimbursements, Others) — Sound and reliable data for estimating investment requirements to be financed

Regulation (local policy development) — Sound and reliable data for evidence-based local legislation

Governance (information system, inter-LGU cooperation, public-private partnership, management) — Sound and reliable data for planning, Implementation and M&E

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Requirement of Quality Health Information

- Committed and trained Health Personnel
- Implementation of the national guideline on recording and reporting (e.g. FHSIS)
- Collaborative efforts with private service providers
- Political will to adopt and utilized the tools and instruments on Health Information System

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Attributes of Quality Health Information

Time Dimension	Content Dimension	Form Dimension
• Timeliness	• Accuracy	• Clarity
• Up to date	• Relevance	• Detail
• Frequency	• Completeness	• Order
• Time Period	• Scope	• Presentation
	• Performance	• Media

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Rules for Ensuring Quality Health Information

1. Always use official recording forms provided by DOH as is and as instructed;
2. Avoid unnecessary transfer of data from one record to another.
3. Write clearly and legibly on all recording forms and maintain them clean and with minimum erasures.
4. Target Client Lists and other official records should be securely kept together and filed systematically.
5. Avoid piling up of records to process by more frequent periodic generation of summary information.

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Rules for Ensuring Quality Health Information

5. Always keep in mind the possibility of double counting of records when making summary reports.
6. Use MS Excel or any other spread sheet programs for processing data only and never as your primary storage of health data.
7. When generating reports using templates in Excel, never change the format provided by this template.
8. Standard operating procedures may change but rules must not.

Role of ILHZ for Quality Information

- **Provide necessary actions to rectify the possible deficiencies in health information systems, such as:**
  a. Resolution to put in place the framework in ensuring the optimal implementation of national guideline on Philippine Information Health System;
  b. Making the health information as one of the ILHZ strategy for planning and decision-making;
  c. Allocation and/or sharing of resources to strengthen the capacity of the health information frontliners;
  d. Make as one of the regular agenda for monitoring and sustainability.

Benefits in Building Local Leaders and Health Managers for Quality Health Information

- Help decision makers and Local Health Managers in an ILHZ to correctly monitor the health progress as LGU/ILHZ performance;
- Empower the health workers of the ILHZs with a timely and understandable data, and drive improvements in quality health services;
- Strengthen the evidence base for effective health interventions and policies

Benefits in Building Local Leaders and Health Managers for Quality Health Information

- Improved governance and mobilized new resources; and

- Ensured reliability, accountability and integrity in data management: *collection, recording, reporting, data banking, and used.*

THANK YOU,
Yoi ichinichi o!