Digital Strategies - DOH
Tungo sa Pamilyang Malusog at Masigla (Kalusungan Pangkalahatan)

Actions and Interventions
- Health Prevention and Promotion at community level
- Health Care at the LGU Health Centers
- Hospital Health Care

Outcomes and Strategies
- Health Governance Improved
- Quality Health Care Services enjoyed by constituent
- Increased enrolment and utilization to PhilHealth packages
- Achievement of Public Health MDGs

Kalusungan Pangkalahatan
- Improved Health condition of the community
- Minimized out-of-pocket expenses of Constituents, especially indigents
DOH Strategies

1.0 Public Health MDGs Achieved
   1.1. Reduce Maternal and Child Deaths
   1.2. Prevent, Control and Eliminate spread of Infectious Diseases

2.0 Financial Risk Protection Improved
   2.1. Expand enrolment to PhilHealth
   2.2. Empower constituents utilization of PhilHealth Benefit Package

3.0 Quality Care Delivery System Accessible
   3.1. Upgrade and Improve Health Facilities including Hospitals
   3.2. Hire adequate number of Human Resources for Health

4.0 Health Governance Improved
   4.1. Improve local Health Systems e.g. through supporting the functionality of Local Health board, ILHZ and Service Delivery Network
   4.2. Enforce a tough Health Regulatory System
1.0 Public Health MDGs Achieved

1. Promote facility-based deliveries

2. Support the Integrated Programme on Reproductive Health (e.g. ARH, family planning for all mothers, women and men of reproductive age)

3. Make sure that all babies are exclusively breastfed and vaccinated

4. Provide vitamins and minerals to all children below 5 year old

Supporting Agencies: DSWD, DILG and LGUs, DepEd
1.0
Public Health MDGs Achieved

1. Ensure that all **TB** cases are treated and cured

2. Treat and Eliminate **mosquito-borne diseases** like Malaria, Filariasis and Dengue

3. Prevent spread of **Sexually Transmitted Infections** including HIV and AIDS. Promote screening, diagnosis, and treatment

4. Give **rabies vaccine** for dog bite victims and coordinate with DA for dog vaccination

**Supporting Agencies:**
DSWD, DILG and LGUs, DA (lead for dog vaccination)
2.0 Financial Risk Protection Improved

2.1. Expand enrolment to PhilHealth

2.2. Empower constituents utilisation of PhilHealth Benefit Package

1. Expand PhilHealth enrolment especially the poor and near-poor (14.7M)

2. Increase PhilHealth share in total health care costs, to minimize out-of-pocket payments

3. Inform and guide all members on PhilHealth availment procedures and benefits

4. Improve access to primary care benefit package for the poor (drugs and diagnostics)

Supporting Agencies:
PHIC, DSWD, DepEd, DILG and LGUs, DOF-BIR, PRC, NCIP, DOLE

* National government subsidy will be dependent on the current number NHTS-PR identified poor subject to the on-going validation of the DSWD and new enrollment as a result of PhilHealth’s Point of Care and the new provisions of the Revised IRR of PhilHealth (women about to give birth, orphans, etc.)
3.0  Quality Care Delivery System Accessible

3.1. Upgrade and Improve operation of Health Units and Hospitals

1. Upgrade, build, enhance and accredit to PhilHealth:
   a. Barangay health stations and rural and city health units to deliver basic preventive and curative health services
   b. LGU district and provincial hospitals for quality outpatient and inpatient care
   c. DOH regional hospitals and medical centers to make specialized care more affordable

2. Make available medicines to constituents (for common diseases like infections, diabetes, hypertension, heart diseases, etc) to poor patients

Supporting Agencies: DPWH, DILG and LGUs, DSWD, DOE, DBM, NEDA, ODA, Philhealth, Private Sector
3.0 Quality Care Delivery System Accessible

3.2. Hire adequate number of Human Resources for Health

1. Hire and fill-up appropriate personnel for the provision of health services (Physicians, Nurses, and Midwives)

2. Deploy human resources for health (Physicians, Nurses, and Midwives)

3. Support the operation of BHWs to reach families in advocating key messages and basic preventive care

Supporting Agencies: DSWD, DOLE, DepEd, DILG and LGUs
4.0 Health Governance Improved

1. Formulate health policies that are responsive to health needs and operational realities
2. Reform hospital governance
3. Expand Telemedicine/ e-health networks
4. Formulate and enforce regulations to protect the health of Filipinos
5. Establish partnership with the Private health sector and other social services

Supporting Agencies: PHIC, DILG, DSWD, Private sector and LGUs

Health in the hands of the People
II. Background on ICT Interventions

The DOH has learned from the results of experimentation and early adoption phase since 1988, the start of developing software for Field Health Services and Information System, and has continuously developed or built other application or information systems.

The use of ICT in the DOH has remarkably supported and improved some of the functions of the Department such as in areas like networking and infrastructure, office automation, development and implementation of computer-based systems.

From the limited resources in terms of ICT personnel and funds, the DOH Management has augmented the budget on ICT to fully accomplish and support the ICT strategic goals direction.
III. ICT Interventions

- **i-ClinicSys**
  - A computer-based system that enables entry and management of the patient’s medical histories, diagnoses, treatments, medications, immunizations, alerts like allergies and drug reactions, laboratory and other test examinations and results.
  
  It is designed for clinic health facilities like Health Centers (HCs), Rural Health Units (RHUs) and Barangay Health Stations (BHS)

- **Integrated Tuberculosis Information System (ITIS)**
  - Is a web-based system and a tool for data collection, processing, reporting, and use of the information necessary for improving TB control effectiveness and efficiency.
III. ICT Interventions

➢ Maternal and Neonatal Death Reporting System (MNDRS)
  ○ To facilitate reporting of maternal and neonatal deaths in order to provide reliable and timely information on child mortality and improvement in maternal health.

➢ Unified Disease Registry System (UDRS)
  ○ Establishes a database registry for the systematic collection, consolidation, analysis, interpretation and dissemination of injury and injury-related information for epidemiologic studies, policy formulation and development of injury prevention programs.
  ○ UDRS includes the following system: Online National Electronic Injury Surveillance System (ONEISS), Violence Against Women and Children Registry System (VAWCRS), Philippine Registry for Persons With Disabilities (PRPWD), Integrated Chronic Non-Communicable Diseases Registry Systems (ICNDRS), Integrated Philippine Network for Injury Data Management System (iPNIDMS)
III. ICT Interventions

- **National Rabies Information System (NaRIS)**
  - It is a patient-based rabies program accessible to all stakeholders- DOH, DA, WHO, LGUs, RHUs, CHOs, ABTCs, NGOs, and the private sector- through the internet. It facilitates data collection, aggregation, and utilization, and has the capacity to perform drug inventory.

- **National Online Stock Inventory Reporting System (NOSI RS)**
  - Captures inventories of all commodities purchased/received and distributed by the Materials Management Division (MMD) of the DOH to the Centers for Health Development (CHD), Retained Hospitals and other Health Facilities; purchased and dispensed/distributed by the CHDs and different Health Facilities (other than MMD)
Electronic-FHSIS

Electronic Field Health Service Information System (eFHSIS) is generally designed to address the present demands for a health information system that is consistent and keeping abreast with whatever advancements in the information and communication technology (ICT) to make health data highly accurate and timely, readily available when needed especially in setting health priorities during planning for health at various levels.
e-FHSIS

OBJECTIVE:

To produce an accurate, reliable and timely reporting system.
System Scope

Data processing and reporting at the Municipal, City, Provincial and Regional Levels
Health Programs Supported

- Child Care
- Dental Care
- Family Planning
- Maternal Care
- Malaria
- Filariasis
- Leprosy
- Schistosomiasis
- Tuberculosis
- Environmental Health
- Natality
- Morbidity
- Mortality
- Demography
System Model

Data Sources
- eFHSIS RHU System

Upload to eFHSIS web site

Data/Access Report

Clients
- Stakeholders

Data Consolidation
- Analysis and Approval
- System Administration

Maintenance of Security Codes and Passwords

http://ro7.doh.gov.ph
Regional Database Server
V. Health GIS (Overview)

Health Geographic information systems (Health GIS) is a combined computer-mapping capabilities with additional database management and data analysis where spatial pattern of diseases in a population as a vital evidence for public health analysts and decision making when seeking to understand causes and plan interventions and finding solutions.
Health GIS Map for Region 7

http://ro7.doh.gov.ph
Hospitals of Region 7

Cebu Province Hospitals

- Population
  - 1-10,000
  - 10,001-50,000
  - 50,001-200,000
  - 200,001-600,000
  - 600,001-1,000,000

- Hospitals
  - Infirmary
  - Level 1
  - Level 2
  - Level 3

Additional Map
- Province of Negros Oriental
- Province of Bohol
- Province of Siquijor

Facility Name: Cebu Provincial Hospital (Bogo City)
Health Facility Type: HOSPITAL
Hospital Unit Classification: Level 1
Province Name: CEBU
City/Municipality Name: BOGO CITY
Latitude: 11.046012
Longitude: 123.993989
Source Latitude/Longitude: google map
Health Facility Code Short: 7-047-15-50-H1-1
Chief of Hospital/MED. Dir.: Dr. Zoriada G. Yurango
Classification by Ownership: LGU
Authorized Bed Capacity: 50
Services Offered: Clinical Lab. Secondary, Pharmacy, X-ray(L1)
Region PSGC: 70000000
Address: Taytayan Hills, Bogo, Cebu
Telephone Numbers: (032)434-9128
Fax Number:
Email Address:
Environmental Data of Carmen District, Bohol

NAME: Danao
population: 18,158
Household: 3,026
HH access to safe water supply: 2,832
%: 93.58
HH w/ sanitary toilet facilities: 2556
%: 84.46
PROVINCE: Bohol
REGION: Central Visayas (Region VII)
Let’s join our hands, hearts and minds ...

Let’s make KALUSUGAN PANGKALAHATAN work for the poor.....
Daghang Salamat!