

Health Information System in India - current status, challenges & new issues

**Dr. P. Saxena,
Director,
Central Bureau of Health Intelligence
(CBHI), Dte. GHS, Ministry of Health &
FW, Govt. of India &
Head - WHO C.C. on FIC in India
Email: saxena.drpradeep@gmail.com
dircbhi@nic.in**

Contents

1. Introduction
2. Background
3. Current status
4. Challenges
5. New Issues

INTRODUCTION

- Robust HMIS essential for Health Planning & Monitoring for evidence based decision making.
- Composite HMIS should include the following:-
 - Registration of births, deaths & causes of deaths,
 - Information on Disease surveillance,
 - Nutritional surveillance Information ,
 - Public Health Programme Information,
 - Health Services being provided (Outdoor & Indoor),
 - Data on Human Resources in Health Sector,
 - Data on Healthcare Finance etc.

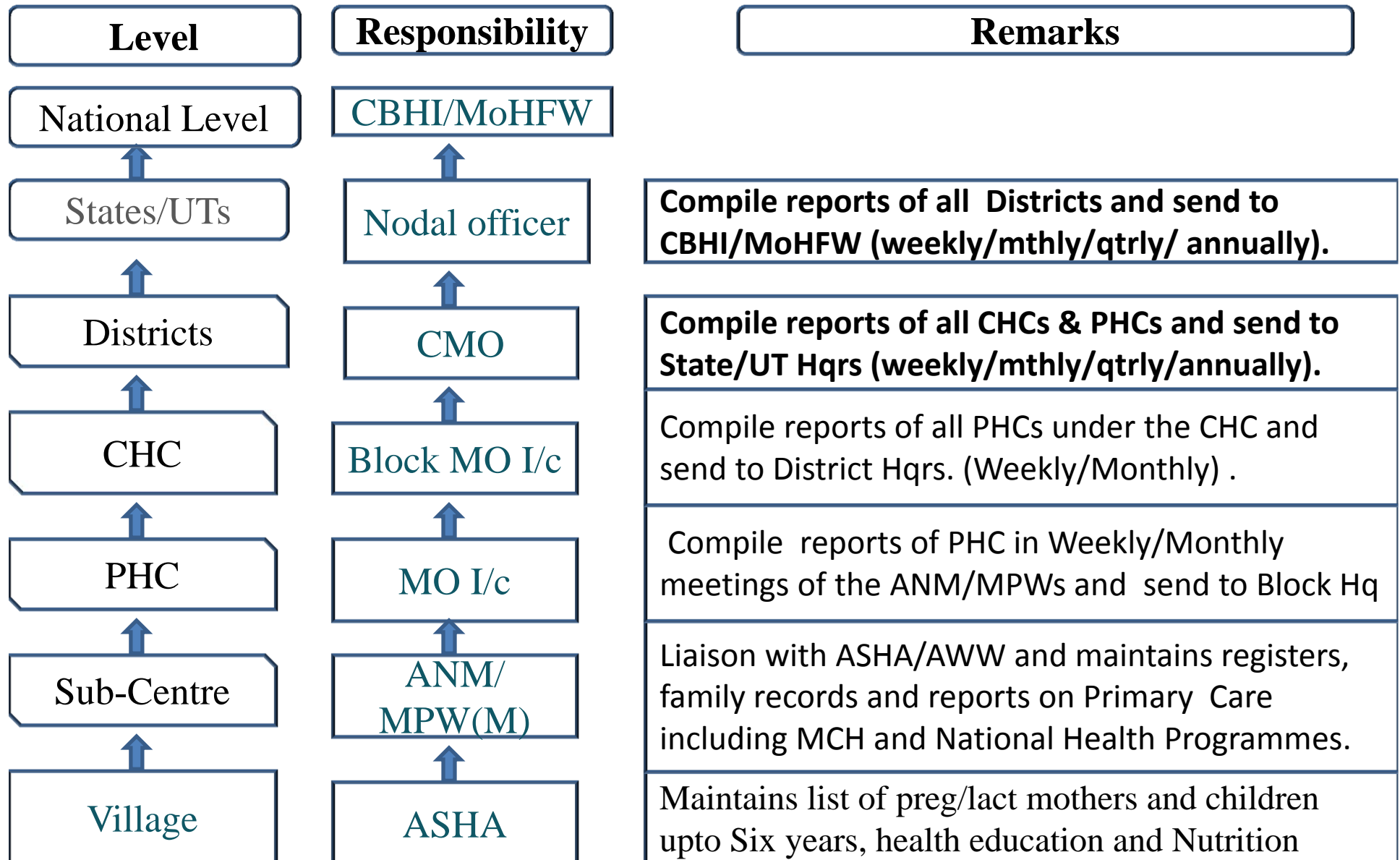
Background

- Central Bureau of Health Intelligence (CBHI) under Dte.G.H.S., Ministry of Health & F.W., New Delhi is National Nodal Institution for Health Information in India and also ----- WHO C.C. on F.I.C.
- Promotes use & implementation of WHO-FIC through Advocacy, Workshops, Trainings etc.
- Training of various health personnel on Health Information Management, WHO-FIC & Medical Records Management.
- Facilitates Health System Development in India.

Contd./-

- Collection of Monthly data online from all States/UTs for no. of cases & deaths due to -- Communicable & Non-communicable diseases.
- Collection of Annual data online from all States/UTs regarding :- Health Infrastructure, Health Human Resources & Healthcare Finance (Govt. establishments).
- Publishes “National Health Profile” Annually.
- Available on website www.cbhidghs.nic.in

Current Status - Health Information System in India



Use of ICD-10 Coding in India

- ICD – 10 was adopted in India in year 2000 for morbidity & mortality coding.
- For Capacity Building of medical/paramedical persons, CBHI provides Training on ICD- 10 & ICF through its Nine Field Survey Units/ Training Centres located in different parts of Country.
- In addition to regular trainings, CBHI conducts special trainings on ICD – 10 for Railways and Insurance Regulatory Development Agency (IRDA) time to time on their request.

Contd.

Contd.

- ICD – 10 Codes are presently being used for Mortality & Morbidity Coding in India.
- Recently, minimum data standards (including ICD-10 coding) for Electronic Health Records (EHR) has been drafted and submitted to the government for approval. Once approved, EHR system would be implemented in the country.
- Efforts are being made to strengthen the Medical Record Departments of all Major Hospitals in the country.

Contd.

Contd.

- Since 2004 to 30th June 2013, 2011 persons have been trained in ICD – 10 for one week.
- Training Course for Master Trainers on Family of International Classifications (ICD-10 & ICF) - (1 Week) - 250 Master trainers trained so far.
- Since Oct.,2011 to March,2013,CBHI conducted 58 batches of half Day sensitization Workshops to promote the use of ICD – 10 in Tertiary Care Hospitals & Medical Colleges (both in Government & private sector) and approx.6,000 persons sensitized about ICD - 10.
- ICD-10 training conducted for International participants in 2011 & again being done in 2013.

Use of ICD-10 by various organisations in India:-

Organisation	Use of ICD-10
Major Hospitals	In Urban Areas for Morbidity & Mortality Coding
Reporting States/UTs	For online reporting of morbidity & mortality.
CBHI	In Annual Publication- “National Health Profile”
Registrar General of India (RGI)	In Mortality Coding- Medically Certified Causes of Deaths in India
IRDA	In settling Insurance claims

Status of ICF implementation in India

- Identified four Nodal Centres for key areas of disability:- locomotor, visual, speech & hearing and mental.
- AIIMS & Safdarjung Hospital, New Delhi, CMC, Vellore ; National Institute of Visually Handicapped, Dehradun; AYJI of Speech & Hearing Disability, Mumbai and NIMHANS, Bengaluru.
- ICF Coding being done in these centres.
- Experts from these Centres also Master Trainers on ICF.

Challenges

- Paper based reporting upto Block level and I.T. based onwards upto National level.
- Non reporting, under reporting, delays in transmission of health data by some Districts / States.
- Need to train large no. of Medical & paramedical persons in Health Information System & ICD-10 coding in limited no. of training centres.

New issues

- Parliament of India has passed “Clinical Establishment Act” in 2010 by which Health Information System will certainly improve many fold in India.
- Comprehensive proposal for “Strengthening of Health Information System in the country” and establish a “National Institute of Health Information” (NIHI) submitted to Ministry of Health (Govt.of India).
- N.I.H.I. shall replace C.B.H.I. once the proposal is approved.
- Each of 35 States /UTs to establish a “ Institute of Health Information”.
- Electronic Medical Records (EMR) – Minimum data standards finalised and to be implemented soon.

THANK YOU