National Health Workforce Accounts (NHWA): Concepts and Mechanisms for Implementation

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Outline

- Definition and purpose
- Justification
- Indicators and handbook
- Tools and Guidelines
- Governance mechanisms
- Capacity building and technical support

NHWA: Definition

A system by which countries progressively improve the quality, availability and use of health workforce data and evidence through progressive monitoring of a set of indicators to support achievement of Universal Health Coverage, SDGs and other health goals.

Purpose: National, Regional & Global

General purpose: to facilitate standardization of a health workforce information system for interoperability, and support tracking HRH policy performance towards universal health coverage.

The NHWA is built up of a set of indicators and data characteristics that can be progressively measured in order:

- to generate reliable HRH information and evidence;
- to enable the planning, implementation and monitoring of workforce policies towards UHC;
- to improve the comparability of the health workforce landscape nationally and globally; and
- to enable research to be performed about future trends regarding health workforce, systems and resilience planning.

Current challenges of the HRH Information systems in many countries

- Fragmented sub-systems not always inter-operable
- Inward looking approach (health alone) in many countries
- Challenges in providing disaggregated data (sub-national levels, private sectors)
- Relevant governance and labour market indicators not documented
- Change of data culture:
 - Production for use, not only for reporting
 - Limited Analysis, dissemaination and use
- Lack of standardization of tools, definitions accross countries
- Un-coordinated data collection efforts

Strategic approach for implementing the NHWA



Standardization of Indicators

Health Labour Market Framework for UHC



National Health Workforce Accounts Handbook

Use of the Health Labour Market Framework.

National Health Workforce Accounts: A Handbook

World Health Organization

Version 1.0 - November 20

- A handbook
- An implementation guide
- A web platform for data reporting, monitoring and visualisation

Indicators covering 10 modules to obtain comprehensive data on all aspects of health workforce



National Health Workforce Accounts: Modular overview



Tools and guidance

NHWA Global Reporting



ANALYSIS and DISSEMINATION





Public users (Global Health Observatory – GHO-)



Public users (NHWA dashboard)



* in charge of country reporting and validation of data entered in the platform.

NHWA data platform

NATIONAL HEALTH WORKFORCE ACCOUNTS ONLINE DATA PLATFORM

Welcome Teena Kunjumen

User Guide Logout

NHWA maturity assessment



NHWA maturity assessment enables countries to assess their national information system and its capacity to address the NHWA indicators.

Validate existing baseline data



NHWA data entry

Data entry into the system can be done (i)directly through the system interface or (ii) as batch upload through excel sheets



Data entry through the system interface



Batch upload through excel sheets

Visualise data

Access programmed data infographics or create customised data visualisation with the existing data



Enables users to create pivot tables, using available data



Enables users to easily create dynamic data analysis and visualizations through charts and data tables.

iDashboard



Enables users to visualize data in Geographical location system.





Access pre populated data infographics based on

NHWA web portal (soon to be published)



What is NHWA implementation guide?

- Proposals and recommendations to countries on how to implement NHWA
- For policy makers and programme managers

Some guiding principles:

- Countries are in the driving seat, these resources are there to facilitate and harmonise
- "A la carte": pick elements in the guide that are relevant to your country, adapt, shake, blend, ..., it is your cookbook
- Do not harm: should not have any detrimental effect on current health status and other initiatives improving global health
- Not reinventing the wheel: NHWA is being implemented in most countries using existing resources and working scheme already in place. Limited adaptation on existing system is required.

Implementation of the NHWA

- WHO is developing an **Implementation guide** to help countries run NHWA in a sustainable manner.
- For policy makers and programme managers



Groups identified



Capacity Building and Technical Support for NHWA Implementation for strengthening HRH information systems using the NHWA approach

Network of systems: A system strengthening approach



NHWA a system

Education	:	Production of health workers
Training	:	On-the-job training – quality improvement
Management	:	Planning, Recruitment, deployment, skill-mix
Finance	:	Wages, incentives, sustainable funding
Governance	:	Public/private, non-health actors, roles and resp.
Information System	:	Data, monitoring, evaluation, research
Planning	:	Integrated and supportive long-term plans
Partnerships	:	Coordinated, collaborative, sustainable plans
Leadership	:	Vision, political, technical & admin support

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Philippines - HRH Data Flow -



Fig Current HRH Data Flow in the Philippines

Legend: <u>consolidated reports (non-electronic data)</u>

electronic data (iClinicSys or eFHSIS)

electronic data through HRH Information Systems

[Draft] NHWA Roadmap - Philippines

Conceptualization				Operationalization						Process Revision and Sustainability			
	Policy priorities NHWA roadmap identified drafted			Data dictionary updated	sta	ata sharing Standards defined Data sharing agreements updated Data collection tools developed		tools		Implementation for successes and challenges reviewed			
	Governance structure designed with TORs Stakeholders identified and engaged NHWA meetings conducted				Minimum data set for HWR defined							Governance and	
(Data quality improved and information systems strengthened					institutionalization reviewed				
NHWA indicators identified and prioritized Data sources mapped and gaps identified			Data submitted by stakeholders to the NHWA focal point consolid						Standards, guidelines and SOPs updated				
Monitoring and evaluation standards developed				Data analysis and validation									
Partial				Use of NHWA da HRH Country Pr									
Done				Continuous identification of policy directions									

DISSEMINATION AND USE & Networking and Partnerships

Uses of NHWA for decision making

- Support evidence based decision making by providing quality and timely evidence for:
 - Answering policy questions
 - Informing development of national and sub-national health plans, investment cases and strategies
 - Informing advocacy and resource mobilization efforts
 - Standardizing tools an methodologies accros various stakeholders

DISSEMINATION

- THE Global Health Observatory
- SDG and WB reporting
- HRH investment cases
- Planned strategic dissemination
 - The GPW13 impact Framework
 - The State of the World Nursing Report 2020
 - The State of the World Midwifery Report 2020

But primarily for country use (tables, graphs, maps, profiles, dashboards)

Increase in availability of data Comparison through GHO Occupation data increase releases

2000 1800 1600 1400 1200 1000 800 600 400 200 0 GHO2013 GHO2014 GHO2016 GHO2017 GHO2018 Nursing and midwifery personnel Medical doctors Dentists Pharmacists

Occupation	GHO2013	GHO2014	GHO2016	GHO2017	GHO2018
Medical doctors	972	1210	1387	1502	1715
Nursing and midwifery personnel	837	1110	1077	1383	1608
Dentists	773	1019	1195	1274	1448
Pharmacists	691	870	1031	1123	1263

!! Availability of occupations other than the top 5 have increased !! More disaggregation also available

The Health Data Collaborative (HDC) Network





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Norad







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National Health Workforce Accounts: Scope

- Beyond a list of indicators
 - Inclusive multi-sectoral governance
 - Diversification of data sources
 - System's strengthening approach
 - Key principle: Countries needs and interest first
 - Partnership for HRH data, country support and capacity building
 - Analytical work and key tools and products for country use
 - Data use for decision making, raising awareness on HRH and resource mobilization
 - Common open-source data platform

NHWA: From past/current to Future

From a fragmented system that creates NHWA: A system will consolidate information and redundancies and inefficiencies provide a foundation for unifying efforts Tools Data sources Tools Data sources Stakeholders Data flows Exchange Joint data Stakeholders pmechanisms Indicators Occupatio Shared Network Data categories Indicators Coordinatio n mechanism Coordinatio s n Occupatio mechanism n Data s categories flows

THANK YOU VERY MUCH

Contact us at hrhstatistics@who.int