Using NHWA for the State of the World Nursing report 2020

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PAHO NHWA workshop, Brasilia August 2019
Outline

2020 Year of nursing and midwifery

1st State of the World Nursing (SoWN) report content and process

3rd State of the World Midwifery (SoWMy) report

Data status

Workshop on indicators for SoWN
The Executive Board during the 144th session (January 2019), drew attention to the **vital role of nurses and midwives in achieving universal health coverage** and called for highlighting their contributions. Noting that 2020 was the 200th anniversary of the birth of one of the founders of modern nursing, Florence Nightingale, the Board recommended to the Health Assembly to designate 2020 as the Year of Nursing and Midwifery.

The World Health Assembly approved it during its 72nd session (May 2019).
“These two health professions are invaluable to the health of people everywhere. [...] Without nurses and midwives, we will not achieve the sustainable development goals or universal health coverage.” Dr Tedros Adhanom Ghebreyesus, director general of the World Health Organization (WHO)

Letter from Dr Tedros to
- WHO Regional Offices
- Member States

⇒ To take action to collect information on nursing personnel for the SoWN
⇒ To nominate NHWA focal points and use NHWA for reporting on SoWN
Nurses and Midwives impact health and UHC

Nursing and PHC

• 2018 Cochrane review: Nurses provide equal or better care, have equal or better outcomes, patient satisfaction, longer consultations, and return visits as compared to physicians. Cochrane Database of SR 2018, Issue 7.

Nursing and UHC

• Recruited, retained in key, rural areas (Kroezen et al., 2015; Graves, et al. 2015)

• Manage care for minority groups, such as non-white (Hooker, 2006; Morgan, Abbott, McNeil, & Fisher, 2012; DesRoches et al., 2013; Buerhaus et al., 2014)

• Provide care to those without health insurance (Hing & Hooker, 2011; Dill, Pankow, Erikson, & Shipman, 2013)

Midwifery care outcomes vs. GP and OB care outcomes

• 2016 Cochrane review (“Sandall review”) of 8 RCTs

• 2018 population-based study of 58,000 women of low SE status testing PTB, LBW, SGA in midwifery v. GP and OB care (McRae DN, Janssen PA, Vedam S, et al.. BMJ Open. 2018;8(10):e022220.
STATE OF THE WORLD NURSING REPORT
The State of the World’s Nursing report to

1. Provide a global picture of the nursing workforce
2. Inform national policy dialogue and drive development of national nursing workforces to optimize the contributions towards UHC and PHC
3. Accelerate progress across the SDGs (e.g. education, health, gender equality, decent work, and inclusive growth)
4. Unlock investment in nursing, the health workforce, and the gender equity agenda.
5. Generate evidence to achieve the Triple Billion Goals in GPW-13.
SoWN Report

Four main sections:

• Nursing workforce contributions to the triple billion goals and gender equality
• Global picture of the nursing workforce and analysis of major policy relevant issues
• Forward-facing 2030 policy agenda
• Technical description of nursing workforce in Member States

80-page document translated in 6 languages.

E-versions and country profiles downloadable
Country description through lens of triple billion goals and gender agenda

- Demographic, economic, health system, and health and gender indicators (GPW-13)

Technical description of nursing workforce

Analysis identifies areas for policy development and investment to reach targets for UHC, health and wellbeing, emergency preparedness and resilience, and gender equity and youth inclusion
Process

Data

- National Health Workforce Accounts (NHWA)
- Additional data sources as needed; validated through NHWA process

Policy Dialogue

Decision-Making

Support from JHPiego for these steps
NHWA data process: country at the center of data collection/validation

- Data entry by NHWA focal point* in NHWA online platform
- Data from external partners (OECD, ICN,…)
- Data collected by HQ entered in NHWA platform (LFS, census, data mining,…)

Data triangulation and validation (Countries, RO, HQ)

Validated data

Dissemination and use at all levels:
Country
RO
HQ
Partner organisations

* in charge of country reporting and validation of data entered in the platform.
Description of national nursing workforce

Active Stock of Nurses: Number, demographics, distribution (geographical, service category)

Nursing Education: duration, standards, annual graduates, accreditation, fitness for practice assessments

Nursing Regulation: Nursing council model, continuing professional development

Labour Market Flows: graduates starting practice, immigration, unemployment rate

Employment Characteristics: working conditions, entry-level wages, social protections

Governance and Leadership: GCNMO positions, leadership development, leading care teams
Timing

**Data**: Collection, Validation

- NHWA as primary data source. GCNMOs supporting and engaging associations, councils, Collaborating Centers, NGOs, Nursing Now!
- **Data gathering through End of September 2019**
- **Analysis of data and writing of the report September-December 2019**, followed by translation
- **Country Profile online: continuous activity**

**Dialogue**

- Second half of 2019
- In-country policy dialogue using nationally validated data, prioritization of areas for investment, National agenda for reaching UHC and SDGs

**Decision making**

- Anticipated discussion at 73rd World Health Assembly (tbc), 2020 Regional Committees, National dissemination and launches
Global Engagement for SoWN

Co-Chairs: ICN and Nursing Now!

Steering Committee

WHO CCs for NM

GCNMOs

Nursing Now Networks

Nursing and midwifery leaders

Stakeholders

The Memorandum of Understanding for the @NursingNow2020 campaign officially being signed

4:08 AM - 4 Oct 2018 from Geneva, Switzerland
Previous editions:
Two global reports:
  • SoWMy 2011 (58 LMICs)
  • SoWMy 2014 (73 of 75 Countdown countries)
Three regional reports:
  • Arab States 2015 (13 countries)
  • East & Southern Africa 2017 (21 countries)
  • Pacific Islands 2019 (15 countries)
National reports:
  2015 Mozambique
  2016 Myanmar
  2019 Haiti?
97 countries have submitted data for at least one
State of the World Midwifery 2014

Brazil

In 2012, an estimated total population of 198.7 million, 75.6 million (38%) were living in rural areas and 54.5 million (27%) were women of reproductive age; the total fertility rate was 1.8. By 2050, the population is projected to increase by 17% to 222.7 million. To achieve universal access to sexual, reproductive, maternal, and newborn care, midwifery services must respond to 4.5 million pregnancies per annum by 2020. The health system implications include how best to configure and equitably deploy the 30,000 midwives to cover at least 370 million maternal visits, 55.4 million births and 221.7 million post-partum/postnatal visits between 2012 and 2020.

What Women and Newborns Need (2012)

- 1,513,000 pregnancies a year = how many episodes of care?
- 120,438,000 family planning visits
- 20,653,000 routine visits
- 3,094,000 skilled birth attendance
- 12,377,000 newborn visits

Midwifery Education

Minimum acceptable standard
- Minimum years of formal training: 4
- Minimum educational level: midwife
- Minimum number of clinical hours: 3000
- Minimum number of students per faculty: 1

Midwifery Regulation

Legislation exists supporting midwifery as an autonomous profession
- A recognized code of professional conduct exists
- A national body regulating midwifery practice exists
- A national council to register midwives is operational
- National midwifery council functions that regulate activities for midwives and practice in rural, ethnic, remote areas

Financial Accessibility

- 95% of births with a skilled birth attendant

Geographical Accessibility

- 95% of births with a skilled birth attendant

Projected Workforce

- Estimated midwifery workforce in 2020: 45,000
- Estimated midwifery workforce in 2030: 60,000

What If? Trajectory

- Sub scenario 1: 90% increase in midwives by 2020
- Sub scenario 2: 100% increase in midwives by 2020

Source: The state of the world’s midwifery 2014
Type of data

Key general statistics

Health workforce / NHWA

Additional specific midwifery information / activity

SoWMy Report & country profile
Which indicators for SoWN, SoWMy, modelling?

<table>
<thead>
<tr>
<th>NHWA</th>
<th>SoWN (36, {30 NHWA})</th>
<th>SoWMy (68, {47 NHWA})</th>
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<td>Other indicators</td>
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27 NHWA indicators in common between SoWN and SoWMy, 9 indicators in common and required for My modelling
1-01 Nursing stock availability

Number of countries with Nursing personnel stock

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Out of 35 countries in AMR
Density of nurses personnel per 10,000 population 2013-2018
(Latest year available)

- Monaco
- Australia
- Canada
- United States of America
- Lithuania
- Portugal
- Barbados
- United Arab Emirates
- Latvia
- Malaysia
- Oman
- Antigua and Barbuda
- El Salvador
- Eswatini
- Saint Lucia
- Egypt
- Guyana
- Rwanda
- Ethiopia
- Zambia
- Uganda
- Niger
- Guinea
- Mali
- Micronesia (Federated States of)
- Singapore

0 25 50 75 100 125 150 175 200 225

174,137 163,366
147,373
128,564
113,755
97,276
83,987
77,648
66,354
61,594
51,678
45,391
39,042
35,223
25,773
21,167
17,854
15,139
13,93
12,388
10,962
8,672
6,646
4,917
2,965
1,677
0.68
0
0
1-03 Age group distribution
Nursing personnel

Distribution of nurses personnels by age group 2013-2018
(Latest year available)

Nursing Personnel Stock by Age Group:
- < 25 yrs
- 25-34 yrs
- 35-44 yrs
- 45-54 yrs
- 55-64 yrs
- > 65 yrs

Stock is cumulated over the period.
1-04 female workforce

Nursing personnel

Distribution of nurses personnel by sex 2013-2018
(Latest year available)

- Brazil: 167,866 male, 1,078,479 female
- Canada: 35,026 male, 384,747 female
- Mexico: 68,595 male, 180,430 female
- Nicaragua: 233 male, 8,085 female
- United States of America: 756,973 male, 4,731,700 female

Stock is cumulated over the period.
Workshop (Group work)
Activities

- Discuss the classification of nursing and midwifery occupations

- Review indicators:

  1. What are the **clarifications** required for the definition for the indicator?

  2. Are data for the indicator **available** in your country?

  3. What are **data sources** for each indicator?

  4. What are some of the **challenges** in data collection for the indicator?
The use of data: State of the World Nursing 2020

A quick win

Feasibility of NHWA for one key occupation for UHC, selected indicators

Essential information for the written report

-> deadline 30th September 2019

Country profiles a continuous process, high visibility (Year of the Nurse)