National Health Workforce Accounts
Data Platform – part 2

WORKSHOP ON INFORMATION SYSTEMS ON HUMAN RESOURCES FOR HEALTH (HRH), 15-17 October 2018
NHWA training - Where are we?

- Introduction and context of NHWA
- Assessing HIS and HRH data
- NHWA indicators and sources of HRH data
- NHWA implementation
- Data management and reporting: the NHWA platform
- Use of NHWA on Labour Market analysis, HRH planning and answering policy questions
- Recap of key messages

Case study: HRH assessment & roadmap development

Country examples

NHWA platform – Hands on
Login page

http://who-dev.ssi.ups.edu:8081
Access to functions/apps

Functions are referred to as ‘Apps’ in the system

Available from the Landing page, also from any other page
NATIONAL HEALTH WORKFORCE ACCOUNTS ONLINE DATA PLATFORM

Welcome

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

The validation exercise enables countries to view existing data and undertake necessary action of data correction/update as required.

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

Pivot Table

Enables users to create pivot tables, using available data

Data Visualizer

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

GIS

Enables users to visualize data in Geographical location system.

NHWA reports

Access to the NHWA reports

Dashboard

Access to an interactive dashboard

Dashboard

Access pre populated data infographics based on existing data

NHWA reports

Access to the NHWA reports
Pivot table

- Users can select country, year, indicators to create customized tables based on data entered in the platform.

- Data can be exported in various formats
  - Tabular layout such as xlsx, csv, HTML etc
  - Plain data source formats such as JSON, XML etc

- Shared settings
  - NHWA country team /NHWA regional team
  - Not to be public
Select period, Organisation units and indicators

- Under favorites, set Shared settings to NHWA country team /NHWA regional team
  - Not to be public
Data visualiser

- Saved Pivot table can be viewed as a chart
- A new chart can be created
- Data can be exported in various formats
  - Tabular layout such as xlsx, csv, HTML etc
  - Plain data source formats such as JSON, XML etc
- Shared settings
  - NHWA country team / NHWA regional team
  - Not to be public
Data visualiser

Select period, Organisation units and indicators

• Under favorites, set Shared settings to NHWA country team /NHWA regional team
  • Not to be public
Dashboard

- Displays pre-designed data infographics by NHWA module
- Possibility to create own customized dashboards
**Dashboards**

- Add tables, charts to existing dashboards or create a new dashboards

- Under favorites, set Shared settings to NHWA country team / NHWA regional team
  - Not to be public
Other features

Country profile

NHWA Country Profile for French Republic

**DEMOGRAPHICS**

- 3D Scatter Chart: Population and Medical Practitioners by Type

**EDUCATION**

- Bar Chart: Application rates by education places
- Line Chart: Ratio of students to doctors
- Bar Chart: Graduation rate

**EDUCATION FINANCE**

- Line Chart: Total expenditure of NHWA

**MARKET FLOW**

- Line Chart: Unemployed rate
- Line Chart: Vacancy rate
# Other features

## Messaging

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User Guide

NHWA User guide

• Guides users to navigate through the system

• Detailed steps for data entry and data visualizations

• Accessible from the NHWA data platform
NHWA web portal

Currently hosted at http://extranet.who.int/nhwaportal/
Exercise 02

Ex 2.1
Creating pivot table with data entered – save- share settings

Ex 2.2
Creating chart with data entered - save- share settings
  • Line chart
  • Bar chart
  • Pie chart

Ex 2.3
Creating dashboards using visuals created
Keywords to know

Organisation unit

Periods

Indicators

Datasets

NHWA maturity assessment
Resources

Understanding National Health Workforce Accounts

National Health Workforce Accounts: A Handbook

National Health Workforce Accounts Implementation Guide

NATIONAL HEALTH WORKFORCE ACCOUNTS ONLINE DATA PLATFORM

NHWA DATA PLATFORM User Guide
How can we help you

- Formal technical support with face to face meeting
- By email (hrhstatistics@who.int), phone to trouble shoot any data related issues you are facing with the system or otherwise
- Provision of periodic NHWA webinars addressing the national and or regional priorities
- Participation in the NHWA CoP https://mednet-communities.net/nhwa
Thank you

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