



# **Report on the annual verification and validation of data in the integrated African Health Observatory (iAHO) by countries.**

From October 10, 2021 to December 20, 2021

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## Background

The World Health Organization (WHO) started working on health observatories in the African region in 2010 when it established the African Health Observatory (AHO). This followed the 2009 recommendation of the Regional Committee (AFR/RC59/5). In November 2012, at the sixty-second session of the Regional Committee for Africa in Luanda, the Ministers of Health of the African Region agreed to establish National Health Observatories (NHOs) in their respective countries and adopted the resolution entitled "The African Health Observatory: an opportunity to strengthen health information systems through National Health Observatories". With the support of the AFRO, several countries are developing their own national health observatories (NHOs) as a "one stop shop" within the iAHO to strengthen their national health information systems.

The integrated African Health Observatory (iAHO) therefore is an integrated platform hosting the different forms of health and related information for the countries of the WHO African Region. It hosts the following kinds of health information:

- Data and statistics relating to different health, and health related indicators
- Analytics and reports such as sector / program reviews, and any other reports on health
- Knowledge products that translate existing analytics / data into evidence for decision making, and include policy briefs, best practice documentations

During the year 2021, several countries have been involved at various levels in updating the data on their National Observatory (NHO). As part of the process for data quality, it is important to have at least annually a data review and validation of all have been populated both at country and regional levels. Indeed, it is important that countries confirm (or correct if necessary) the different information filled in, and it is also an opportunity to add missing information or to provide more up-to-date information for the country. Good, useful data involves using an internal data validation process in the authentication and validation of gathered data from authoritative, valid, and reliable data source.

The data review process took place from October 10 to December 20 in two phases: a back-office preparation phase involving only the regional office team and a second phase of interaction with the countries following two annual data review official launch meetings (English and French speaking countries) chaired by the Assistant Regional Director.

*Figure 1: iAHO as Enabler of DAK (Data, Analytics and Knowledge)*

DATA	ANALYTICS	KNOWLEDGE
<b>Scope</b> <ul style="list-style-type: none"> <li>- Facility based data</li> <li>- Vital statistics data</li> <li>- Surveillance data</li> <li>- Data from health surveys</li> <li>- Research data</li> </ul>	<b>Scope</b> <ul style="list-style-type: none"> <li>- Analytical methods</li> <li>- Comparative analyses</li> <li>- Trend &amp; distribution analyses</li> <li>- Prediction of future trends</li> </ul>	<b>Scope</b> <ul style="list-style-type: none"> <li>- Health policy briefs</li> <li>- Blogs and events</li> <li>- UHC best practices</li> <li>- Evidence for policy fora</li> </ul>
<b>Products</b> <ul style="list-style-type: none"> <li>• Data on community events</li> <li>• Data on facility events</li> <li>• Functional Data systems: DHIS 2, CRVS</li> <li>• Statistics reports consolidating data</li> </ul>	<b>Products</b> <ul style="list-style-type: none"> <li>• Performance reports</li> <li>• Analytical reports for specific areas of the sector</li> <li>• Tools for facility or sector analyses</li> <li>• Repository of analytical results</li> </ul>	<b>Products</b> <ul style="list-style-type: none"> <li>• Health policy briefs</li> <li>• Best practices documentations</li> <li>• Evidence syntheses</li> <li>• Scientific articles</li> <li>• Policy and evidence fora</li> <li>• Africa Knowledge platforms</li> </ul>

## Objectives and expected outcomes

The main objective is to have data and information validated by the countries available in the iAHO platform and in the NHOs. To achieve this overall objective, three complementary sub-objectives can be identified:

- (i) To carry out an effective review of all data and information reported by the country,
- (ii) To correct erroneous and/or contradictory data and information,
- (iii) To update/add the platform with recent data and information from national data sources.

From this, the following outcomes are expected

- i) A review of all data and information is completed by country
- ii) Erroneous or contradictory data and information are corrected
- iii) NHOs are updates with recent available national data sources

## Key Stakeholders

The implementation of this annual review and validation will need the implication of:

- Country NHOs focal points (both MoH And WHO Country office)
- Other relevant actors in the country
- WHO/AFRO

## Methodology

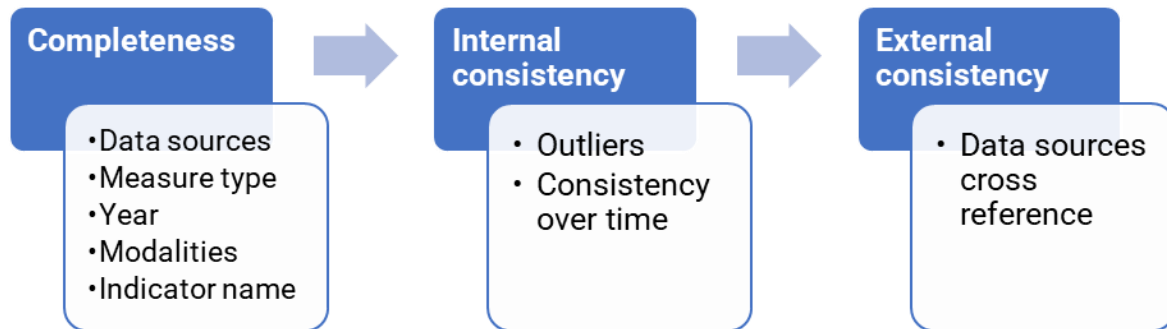
The data review will be conducted in two phases:

1. **Phase 1 will be a Desk review** which will be carried out by the Regional Office based on 3 Dimensions namely:
  - i. **Completeness** is about comparing the years reported by the national sources with the other sources.
  - ii. **Internal consistency** relates to the coherence of the data being evaluated. The team will examine first of all (a) coherence between the same data items at different points in time, 2) coherence between related data items. The aim is to identify presence of outliers, analyze consistency over time and check

consistency between some indicators (knowing that there are some indicators which have predictable relationship).

- iii. **External consistency** with other data sources. The level of agreement between two sources of data measuring the same health indicator is assessed. The two sources of data usually compared are data flowing through the HMIS or the programme-specific information system and data from a periodic population-based survey.

The result for phase 1 will inform the phase 2 and generate the data on which we will need confirmation/validation from countries during specific sessions



2. **Phase 2 will be the Validation and Update** which will be carried out by the countries with technical support and guidance of WHO/AFRO team. Based on the Desk review results, countries will:

- i. Check **accuracy, validity and uniqueness of reported data** which involves a review of selected indicators through the review of source documents in the country.



- ii. **Update/Add new data** and information (including analytics and knowledge resources) from recent available national data sources.

## Desk Review

As part of the data review process, the first step was to conduct a desk review of the health information available on the platform. The objective was to focus the detailed review efforts (phase 2) only on potentially erroneous information. For this purpose, an algorithm was developed (implemented in Python) taking into account the methodological criteria stated above. Once the information was extracted from the system, it was analyzed via the algorithm and potential errors were detected and refined.

The results obtained at the end of the Desk review showed that:

- i. About **30%** of the data needs to be verified approximately 56 665 lines
- ii. **80%** of the data to be checked concerns the type of measure which were not appropriate on which **99%** were wrong selection of measure type of indicators
- iii. **60%** of errors on values where related to percentages

A detailed review of the first results of the Desk review led us to identify two possibilities to correct invalid data:

- a- Errors concerning the measurement type, the modality (category option) and the data sources were corrected automatically by AFRO using SQL scripts
- b- Errors related to values and years were checked manually by countries with AFRO support

After all these corrections, 2562 lines of information were identified to be reviewed in detail with the countries in phase 2.

## Data review process with countries

To achieve the objectives, several WHO/AFRO teams were set up (see Annex 1), each team being responsible for several countries. It is important to note that prior to all sessions, a folder containing all the data to be corrected and the knowledge documents available on the NHO was shared with the countries so that they could familiarize themselves with the data to be corrected and the knowledge documents available on the platform as well as prepare for the annual data review. All sessions facilitated by the pairs started with a presentation of the methodology used to carry out the activity. After this presentation, the country office focal points, ministry and/or NHO focal points and iAHO focal points began the data review.

During the various review sessions with the countries, several situations occurred:

### 1. Data were corrected during the session provided for this

Several sessions were used to correct data during the review and to check the accuracy of the knowledge documents on the platform. A document prepared in advance by WHO/AFRO facilitated the review as all links to the different indicators to be corrected were already identified. Due to time constraints, the corrected data could not be directly updated on the Data Capture Tool (DCT) platform during the different sessions. One of the next steps suggested was to train colleagues to upload and/or update data directly to the DCT in the future.

### 2. Data were corrected internally and validated by AFRO

Some countries preferred to correct the data internally with the people and/or ministries concerned before validating them with WHO/AFRO. In these cases, the session was an opportunity to go back over the methodology as well as to show colleagues how to trace potentially erroneous indicators. The document prepared by AFRO to facilitate the search for data sources to be verified was also shared by the countries. Following the verification of the countries, a second session was scheduled to validate the data. In these second sessions, the WHO/AFRO team was mandated to update the correct information on the CTR. Some countries also took the opportunity to update the platform with new knowledge products. These second sessions were also an opportunity for some countries to have a first approach to the use of the DCT. For those countries where simulation and training on the DCT was not possible during the second session, one of the suggested next steps was to train the focal points in the use of the DCT as well as to organize different follow-up meetings with the focal points.

### 3. Data were corrected only by AFRO

For some sessions, the data was corrected only by AFRO because:

- The focal points did not respond to the various invitations and reminder emails sent by WHO/AFRO. Thus, the WHO/AFRO team corrected the data and sent it back to the various focal points.
- The country refused to participate in the activity, explaining that the data and information available on the platform were recorded by WHO/AFRO. In this case, a consensus was reached to have the data corrected by WHO/AFRO, followed by a meeting to discuss the needs so that the country could fully manage its platform.

At the end of the process, all data were reviewed with 81% of sessions covered with countries. Below is the summary table of the sessions:

<b>Number de Sessions scheduled</b>	<b>47</b>	
<b>Sessions Done</b>	<b>47</b>	<b>100%</b>
<b>a- Fully Done with the countries</b>	22	47%
<b>b- Started and rescheduled for validation</b>	16	34%
<b>c- NoShow from countries but Done by AFRO</b>	9	19%

## Summary of key challenges

This first annual review of the iAHO data identified several challenges to be considered for future reviews:

- Need more time for country sessions. The sessions were scheduled for two hours. However, this time slot did not allow for the correction of potential errors and the addition of knowledge materials. Therefore, for future annual reviews, longer sessions should be planned to finalize the activity.
- Minimized engagement due to distance (virtual). It was found that stakeholder's engagement was not maximized by the fact that the review was conducted virtually. Several countries as well as iAHO team members suggested that the next review of NHO data should be conducted face-to-face with the various focal points in the countries of the region.
- Internet connectivity issues for some countries, some sessions suffered from these technical difficulties which did not allow to work in an optimal way with the countries
- Availability of all NHO focal points and key country stakeholders. The exploitation of information has often shown the interest of having other stakeholders in the exchanges but unfortunately unavailable; it would be for the next annual review to take this into account with the countries so that an upstream work is done with these stakeholders

## Conclusion & Next Steps

The annual review of the iAHO data was the ultimate opportunity to engage with almost every country in the region and to get an accurate picture of the level of development of each national health observatory. of course, this allows us to consider key next steps as summarized below:

- ✓ Continue to engage with countries. The activity has strengthened links with individual countries and, in some cases, initiated the process of establishing the NHO. This engagement with countries should therefore be continued. WHO/AFRO is committed to continuing to support the countries in the operationalization and institutionalization of the NHOs in the different countries. Several introductory and follow-up meetings have already been scheduled for this purpose. In other cases,

countries have requested technical support to institutionalize their NHOs. Technical support missions to the countries for this purpose will be planned in 2022.

- ✓ Strengthen the capacity of countries to use the technical tools of the iAHO including Data Capture (DCT). During the different sessions, countries have asked to be trained or re-trained in the use of DCT in order to be able to manage their NSOs independently. Thus, several countries were trained in the use of the DCT following the data review sessions. For other countries, these sessions will take place in the coming weeks.
- ✓ Organize the next annual data review for 2022. It is important to organize the next annual data review to continue to guarantee the quality of the data and to update all the information available on the different platforms. Depending on the health situation in the Region, it would be appropriate to organize the 2022 annual data review in person, in which case three sessions could be held, depending on language specificities, to allow for better adherence and commitment to the process.

## Annex 1 – Planning of data review sessions by country & Facilitators








Country	Facilitator(s)	# lines to review	Date
ALGERIA	Monde / Aminata	43	18/11
ANGOLA	Jadice / Sokona	66	19/11
BENIN	Berence	48	17/11
BOTSWANA	Bertha / Didier	67	18/11
BURKINA FASO	Jadice / Sokona	24	17/11
BURUNDI	Jadice / Sokona	68	22/11
CABOVERDE	Monde / Aminata	72	19/11
CAMEROON	Monde / Aminata	60	17/11
CENTRAL AFRICAN REPUBLIC	Jadice / Sokona	44	18/11
CHAD	Jadice / Sokona	36	17/11
COMOROS	Berence	46	18/11
CÔTE D'IVOIRE	Jadice / Sokona	43	23/11
DEMOCRATIC REPUBLIC OF CONGO	Monde / Aminata	57	22/11
EQUATORIAL GUINEA	Bertha / Didier	40	22/11
ERITREA	Monde / Aminata	63	23/11
ESWATINI	Jadice / Sokona	58	17/11
ETHIOPIA	Monde / Aminata	39	22/11
GABON	Berence	76	17/11
GAMBIA	Bertha / Didier	60	23/11
GHANA	Bertha / Didier	45	24/11
GUINEA	Monde / Aminata	42	23/11
GUINEA-BISSAU	Jadice / Sokona	50	24/11
KENYA	Monde / Aminata	65	17/11
LESOTHO	Monde / Aminata	65	23/11
LIBERIA	Bertha / Didier	58	26/11
MADAGASCAR	Jadice / Sokona	80	23/11
MALAWI	Bertha / Didier	61	19/11
MALI	Monde / Aminata	12	24/11
MAURITANIA	Berence	42	19/11
MAURITIUS	Monde / Aminata	56	25/11
MOZAMBIQUE	Bertha / Didier	65	25/11
NAMIBIA	Monde / Aminata	70	26/11
NIGER	Berence	34	23/11
NIGERIA	Monde / Aminata	36	29/11
REPUBLIC OF CONGO	Berence	89	25/11
RWANDA	Monde / Aminata	40	29/11
SÃO TOMÉ AND PRÍNCIPE	Berence	84	23/11
SENEGAL	Monde / Aminata	32	26/11
SEYCHELLES	Monde / Aminata	58	19/11
SIERRA LEONE	Bertha / Didier	50	17/11
SOUTH AFRICA	Monde / Aminata	72	24/11
SOUTH SUDAN	Jadice / Sokona	27	24/11
TOGO	Monde / Aminata	56	22/11
UGANDA	Bertha / Didier	59	25/11
UNITED REPUBLIC OF TANZANIA	Bertha / Didier	41	26/11
ZAMBIA	Berence	65	24/11
ZIMBABWE	Berence	71	26/11



**Annex 2 – Summary reports of the sessions with the countries**

Country	Date	Participants by country	Challenges	Next Steps
Algeria	18/11/2021	-WHO: MENASRIA Nabil -MoH: No participants	Absence of MoH Participants during the session	-Nomination of NHO focal points (MoH) -AFRO Technical assistance in capacity building of NHO focal points i the use of iAHO tools
Angola	19/11/2021 26/11/2021	-WHO: PASCOAL, Eva Das Does -MOH : Adelino Libongue (GEPE/MINSA), Teresa Spínola, PEDRO, DUARTE_GEPE/MINSA, LUTEGANYA, Victor Potens, Nária Vicente, Estefania, JOÃO HEBO - INE ANGOLA, AS	Language barrier, the session was in English and all the participants were fluent	-AFRO Technical assistance in capacity building of NHO focal points i the use of iAHO tools
Benin	19/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-AFRO support needed in setting up NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Botswana	19/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-AFRO support needed in setting up NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Burkina Faso	17/11/2021	-WHO: No Participants -MoH : Dr OUEDRAOGO Samiratou, Dr BADOLO Hermann, KOUDOUS Nacro	N/A	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools -Link between NHO Burkina Faso and iAHO
Burundi	Not Available	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-To be planned during the year

Country	Date	Participants by country	Challenges	Next Steps
Cameroon	17/11/2021	-WHO: GATCHO Modeste -MoH : YENSINKEM Laura, AWONO Patrice, MOUNJOUONOU Arouna	Internet connexion issues	-Follow up for constant update of the NHO
Cape Verde	19/11/2021 13/12/2021	-WHO: PEREIRA Edith -MoH: Ngibo Fernandes, Domingos Da Vega Varela, Jonas Gomes, Lucy Ramos	-front-end data visualization was discussed and solved	-Follow up for constant update of the NHO
Central African Republic	18/11/2021	-WHO: SOSSOU Justin, KOYAZEGBE, Thomas D'aquin -MoH : No participants	MoH focal points could not attend the meeting as they were on the field.	- AFRO support needed in setting up a fully functional NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools -AFRO support needed in setting up NHO
Chad	19/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools - AFRO support needed in setting up a fully functional NHO
Comoros	18/11/2021	-MoH: No participants -WHO: MSA MLIVA, Ahamada	Unavailability of MoH participants	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Congo	17/11/2021	-MoH: No participants -WHO: No participants	Unavailability of MoH & WHO country office participants	-Follow up on the ongoing process on engaging the country to setup NHO
Congo, Democratic Republic of the	22/11/2021 10/12/2021	-WHO: MBIYA NGANDU LUBOYA Henri -MoH : MWAPA Eric, KATELE Jacques, MPOYI Jotham, MALENGO José Blaise, MBO Ernest.	lack of training of the DRC MoH team in the iAHO tools due to turnover	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools

Country	Date	Participants by country	Challenges	Next Steps
 Côte d'Ivoire	30/11/2021	-WHO: ZOMBRE Daogo Sosthene, GBAYOTO Christelle -MOH : AHOTY Franck Ale, BAMBA Halima, KONE Daouda	Data for unsafe abortion has not been found	-AFRO support needed in setting up a fully functional NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools -AFRO support needed in setting up a fully functional NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
 Equatorial Guinea	22/11/2021	-MoH : No participants -WHO : No participants	unavailability of participants for MoH and WHO country office; The AFRO team therefore finalized the review	-AFRO support needed in setting up a fully functional NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
 Eritrea	23/11/2021 15/12/2021	-WHO : - GEBRESLASSIE ASFEHA Azmera from -MoH : No Participants	Slight delay in timelines due to approval/endorsement requirements; however, the Eritrea NHO Committee is committed to ensuring the quality of the data and evidence present on the NHO platform	-Follow-up in January 2022 on steering committee full approval --AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
 Eswatini	22/11/2021	-MoH : No participants -WHO : No participants	unavailability of participants for MoH and WHO country office	-Work with country to get a NHO focal point -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
 Ethiopia	22/11/2021	-WHO: GURMU Kassu, KABTIYMER Daniel Getachew -MoH: No Ministry participants	Turnover in NHO focal points	-AFRO support needed in setting up a fully functional NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
 Gabon	17/11/2021	-WHO: Aboubacar INOUA -MoH : Raymond ONDZIGUE	Access issues to iAHO tools certainly due to Internet problems	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
 Gambia	23/11/2021	-WHO: Dr Kassa Abbe Mohammed -MoH : Abdoulie Bah	There was need to clarify some of the data	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools

Country	Date	Participants by country	Challenges	Next Steps
Ghana	24/11/2021	-WHO: Atweam Dominic Kwabena -MoH : Mawunyo Segbefia	Scheduling conflict with the Ghana Health Services team	4-Follow up on data uploading in the NHO platform and setting up of NHO governance structure
Guinea	23/11/2021	-WHO: KONAN Kouame Alain, KATENDE Ntumba Alain -MoH : Telly Diallo Ibrahima, Diallo Misside	The MoH team has not trained yet in DCT use	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Guinea-Bissau	19/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-Work with country to get a NHO focal point -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools -AFRO and Country observatory teams prepare for an update meeting with partners in early 2022
Kenya	17/11/2021	-WHO: COSMAS Leonard -MoH: Peter Wanjohi, Helen Kiarie	N/A	-Identification of possible new NHO Secretariat members and planning for their DCT training in Q1 2022 -Work with country to get a NHO focal point
Lesotho	23/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Liberia	17/11/2021 25/11/2021	-WHO: Ocan Charles -MoH : Saysay M. Kpadeh	Schedule conflict with ministry of health activities, the entire team could not make it	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Madagascar	23/11/2021	-WHO: No participants -MoH : Adolphe Andriamizaraso, Rahanitriniaina Lantosahondra	The country decided to finalize the NHO institutionalization process before fully engaging in the data review. The AFRO team therefore finalized the review	-AFRO support needed in NHO institutionalization -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Malawi	19/11/2021 26/11/2021	-WHO: Dr Solome Nampewo, Brave Tembo -MoH : Keneddy Kanyimbo, George Bendo	need for clarification of metadata for some indicators	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools

Country	Date	Participants by country	Challenges	Next Steps
Mali	23/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-AFRO support needed in setting up NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Mauritania	22/11/2021	-WHO: OULD BENANA Mohamed -MoH: No participants	The country is running a parallel NHO project with a private company, unfortunately it is not yet functional	-Plan a meeting with MoH stakeholders and WCO focal point to discuss the way of bringing NHO on track
Mauritius	25/11/2021 29/11/2021	-WHO: Sheikh Faisal -MoH: No participants	unavailability of MoH participants	-AFRO support needed in setting up NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Mozambique	24/11/2021	-WHO: Baloi Ogunlana Cidalia, Valdez Tomas, Vilanculos Flatiiel Fabio -MoH : Tambo Nelson (DRH/ORHS) -WHO: No participants -MoH: No Ministry participants; however, there were representatives from the NHO team working in collaboration with the MOHSS: Sarah Fordah (STOP Consultant), Mark Baah-Danso (STOP Consultant)	Majority of the focal points could not attend the meeting	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Namibia	26/11/2021	-WHO: No participants -MoH: No Ministry participants; however, there were representatives from the NHO team working in collaboration with the MOHSS: Sarah Fordah (STOP Consultant), Mark Baah-Danso (STOP Consultant)	The data validation exercise itself could not be conducted given that additional key stakeholders were unable to attend the meeting (scheduling conflicts). However, The review was ultimately conducted by the WHO AFRO iAHO team	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Niger	6/12/2021	-MoH: Ibrahim Moussa -WHO: No participants	Unavailability of WCO participants	-Follow-up of the roadmap for the institutionalization of the NHO

Country	Date	Participants by country	Challenges	Next Steps
Nigeria	29/11/2021 01/12/2021	-WHO: UKOR Nkiruka -MoH: Adeyinka Odejimi, Chidi Agbaraji, Bala Harri, Chidi Lawrence, Adaobi Ikechebelu	Some issues with use of the Data Capture Tool (DCT) were raised and resolved	-Workplan discussion for 2022  -Follow-up will take place in Q1 2022, including platform integration (between the already existing Rwanda NHO and the NHO platform as embedded within the iAHO) and data review reflections, along with workplan discussions
Rwanda	29/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants due to agenda conflicts, The AFRO team therefore finalized the review	-Work with country to get a NHO focal point -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Sao Tome and Principe	17/11/2021	-MoH : No participants -WHO : No participants	unavailability of participants for MoH and WHO country office; The AFRO team therefore finalized the review	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Senegal	26/11/2021	-WHO: KABINDA Jeff -MoH: No Ministry participants (on leave)	A few rows of data required a separate review from additional stakeholders in the country – e.g., MoH programmes and other sectors touching directly or indirectly on health	-Follow-up will take place in Q1 2022, along with workplan discussions
Seychelles	19/11/2021	-MoH: No participants -WHO: No participants	Unavailability of participants, The AFRO team therefore finalized the review	-We had a meeting on 01/12/2021 with WCO and agreed to follow up with MoH to receive focal points names --AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Sierra Leone	25/11/2021	-WHO: D'ALMEIDA Selassi, N'JAI Abdul Jibril -MOH: Ibrahim	The need for clarification from country programmes. Some flagged outliers are not an error, due to denominators used	-To arrange a refresher training on DCT with the Sierra Leone team -Follow up with WCO focal points for NHO institutionalization
South Africa	25/11/2021	-WHO: No participants - MoH: Mr Xolile Ndzulu	It was highlighted that limited engagement with the WCO has occurred since the South African	-AFRO colleagues agreed to share materials from NHO workshop held in April 2021 – strategic and technical sessions (including DCT training)

Country	Date	Participants by country	Challenges	Next Steps
			National Department of Health (NDOH) focal point nomination	-There is call for in-depth discussion of the roles and responsibilities of the SA-NHO Secretariat, in 2022.
South Sudan	30/11/2021	-WHO: WAYA Joy Luba, MUKOMBO Lawrence -MoH : No participants	Unavailability of MoH participants	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Tanzania	26/11/2021	-WHO: TEGEGNE Sisay Gashu, FEDJO TEFOYET Thomas Galbert -MoH : No participants	Unavailability of MoH participants. The need for clarification from country programmes. Some flagged outliers are not an error, due to denominators used	-In country mission follow up for 2022 -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Togo	18/11/2021	-WHO: HAINGA Boukoulmé -MoH : Dr TEOURI Mahmoud, BANANG Honoré, ASSIONGBON FOLLY Roger.	The Togo MoH team has not trained yet in DCT use	-AFRO support needed in setting up a fully functional NHO -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Uganda	25/11/2021	-WHO: Waiswa Joseph Akuze, Nasan Natseri -MoH : Emmanuel Oluka	-Percentage check value, the value is affected by the denominator given by the central statistical office -Percentage spikes brought about by unaccounted for population especially in metropolitan areas, border districts and refugee hosting areas	AFRO support needed in NHO integration
Zambia	24/11/2021	-WHO: Azmach GEBREGIORGIS -MoH : No participant	N/A	-Work with country to get a NHO focal point -AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools
Zimbabwe	24/11/2021	-WHO: MOYO Batanai, MIDZI Stanley, BRANTOUO Mary -MoH : MUNYANYI,	N/A	-AFRO Technical assistance in capacity building of NHO focal points in the use of iAHO tools