



ANNUAL REPORT OF THE HEALTH MANAGEMENT INFORMATION SYSTEM (HMIS) UNIT  
ACTIVITIES FOR YEAR 2016

DEPARTMENT OF PLANNING, RESEARCH & STATISTICS

ONDO STATE MINISTRY OF HEALTH

## INTRODUCTION

Health Management Information System (HMIS) is a fundamental public health intelligence tool and presently, it is recognized as one of the key elements of national security, since it does not provide information for health services delivery alone but also track, monitor, and control disease outbreak.

The Health management information system (HMIS) unit, is a critical unit of the department of planning, research and statistics of the Ondo State ministry of health. It is responsible for health data storage, analysis, publication and presentation for policy planning and decision making at all levels of the health system.

### Specific objectives of the Ondo state HMIS unit are:

- To improve the quality of data generation and collation at service delivery points by ensuring regular data validation and on the spot mentoring.
- To ensure availability of up-to-date health data

### Summary of HMIS unit activities from January to December 2016

The HMIS unit is saddled with the responsibility of ensuring availability of quality data at the right time to guide policy makers in decision making and to promote health care services in the State.

The underlisted activities were carried out from January to December 2016;

S/N	ACTIVITIES	OBJECTIVE	RESPON SIBLE	FUNDING SOURCE	STATUS
1	Monthly Validation meeting	To ensure availability of quality data	SMOH	SMOH/OSP HCDB/CRS/	January – December 2016 completed
2	Monthly LGAs HMIS Officers Meeting (Post Validation Meeting)	To ensure Timely upload of quality data & to give feedback to LGAs	SMOH	CRS	January – December 2016 completed
3	Training of Secondary Health Facilities on NHMIS Data collection tools	To build capacity of Secondary Health Facilities HIM on NHMIS data tools	SMOH	SMOH - NSHIP	Done
4	Supervision	To ensure compliance of Data collection Personnel on the use and maintenance of the NHMIS registers	SMOH	SMOH - NSHIP	Conducted once
5	Quarterly Health Data Consultative Committee (HDCC)	To harmonized all health data and to incentivize the best performing LGAs on Data Management	SMOH	SMOH	Not done
6	Maintenance of the Ondo State Ministry of health Website	To publicize the activities and performance of the Health sector	SMOH	SMOH	Done
7	Regular Tracking of data on the DHIS platform	To track the performance of each LGAs on the DHIS platform	SMOH	SMOH	done

## MONTHLY NHMIS DATA VALIDATION MEETINGS

The objective of the monthly data validation meeting is to ensure that quality data from all sources and at all levels are harmonized and uploaded on the DHIS platform.

- **Monthly data validation meeting:** This meeting is held in each Local Government Area (LGA) health Office starting from the 2<sup>nd</sup> working day of every new month.

**Process:** A pre validation meeting was held monthly at the State ministry of Health on the 1<sup>st</sup> working day of every new month, to discuss identified gaps during the previous validation exercises, compose field team and also conduct training on the checklist to be used for validation. The check list measures availability of the NHMIS data tools, data consistency, reliability & accuracy.

**Validation Process:** The NHMIS Monthly Summary Form (MSF) is compared with all the source documents such as General Facility Attendance Register, Outpatient Daily Register, Antenatal/Postnatal daily register, Labour and Delivery register, Family Planning register, Immunization register and Inpatient register. During the validation meeting the State team took the opportunity to mentor each Health Facility personnel on data entry into the registers. LG Program Officers endorsed the NHMIS MSF on each program thematic areas, while the HMIS officer from the LGAs and PHC coordinator countersigned all the document before the original copies were detached from the booklet.

**Participants:** Stakeholders participating in the meeting includes LGA Level; all data entry personnel from all the health facilities in the LGA, LGA PHC team including the PHC Coordinators, NSHIP technical officer attached to the LGA, State level; HMIS Officers from the Ministry of health, representative of Department of Planning, Research & Statistics of the Ondo State Primary Health Care Development Board (OSPHCDB) and Hospitals' Management Board (HMB), M&E team of Catholic Relief Services.

#### **LGAs HMIS Officers Forum (Post Validation Meeting):**

A post validation meeting is held on the second Thursday of every month to track the validated data in comparison to the uploaded data. The Objective of this meeting is to conduct a follow up review of uploaded validated data on the DHIS platform and assure correction of missed error from validation processes. The meeting also serves as a feedback meeting to the LGAs on the monthly validation exercise.

**Quarterly Health data Consultative Committee:** The State Health data consultative committee (HDCC) is expected to hold once in a quarter. The meeting provides the platform to review all health data entered on the DHIS and comparing with other data sources. It also serve to incentivize the best performing LGA and secondary health facility in terms of data quality assurance. The best two LGAs and the best secondary health facility are rewarded. The objective is to reinforce commitment to quality data entry, analysis and presentation to decision makers for use. **BUT none was held in 2016 due to non-availability of funds.**

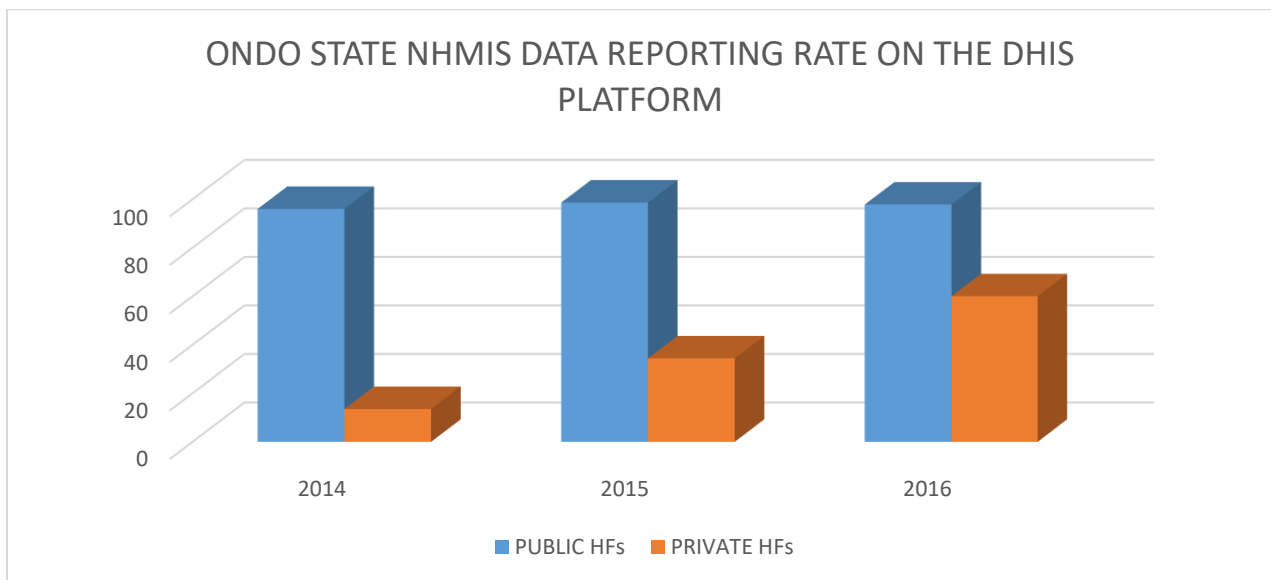
**Training on NHMIS data collection Tools:** Health Information Managers (HIM) of Secondary Health facilities including Police Clinic and Army Clinic were trained on the NHMIS data

collection tools to improve the quality of data at the secondary Health facility level. This exercise was supported by the SMOH-NSHIP (DLI fund).

**Supervision:** Supervisory visits was made to some identified health facilities with data generation challenges. coaching and mentoring of the health facility data entry personnel was conducted during the visits. The exercise was supported by SMOH-NSHIP (DLI fund). However, the regular conduct of this exercise was limited by the lack of funds.

**Ministry of health website and social media:** The ministry of health website and social media is been maintained by the unit. It publicize the activities of the health sector to the outside world. This exercise was also supported by SMOH-NSHIP (DLI fund).

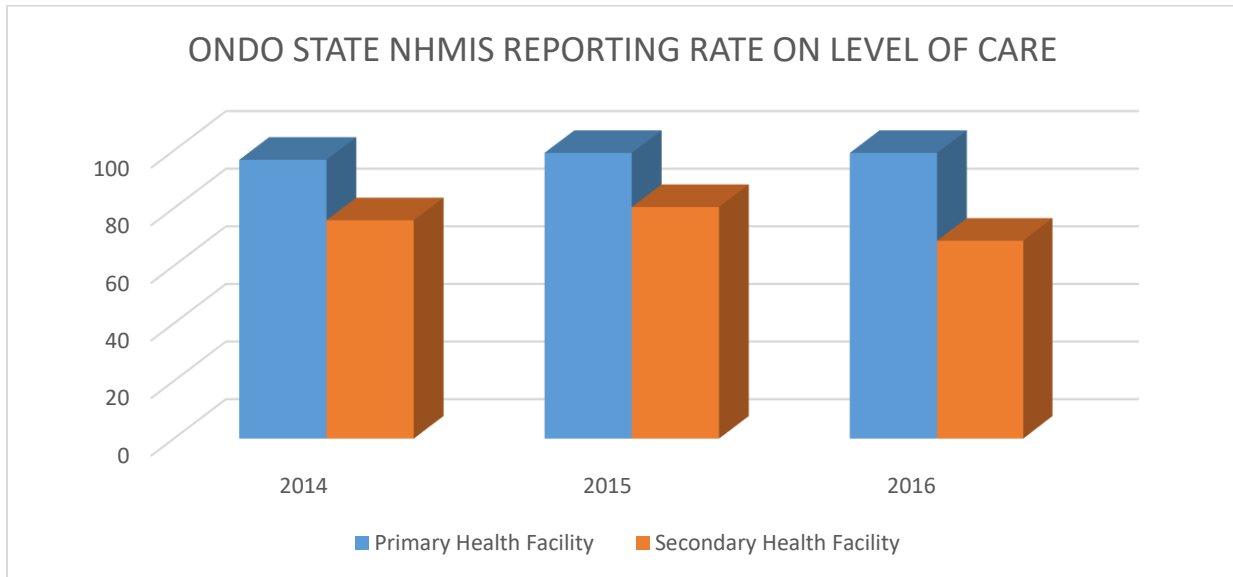
## OUTCOME/RESULT



**Figure 1: Ondo State NHMIS reporting rate for year 2014 to 2016**

- State NHMIS reporting rate for Public Health Facilities moved from 96% in 2014 to 98% in 2016
- Private health facilities NHMIS reporting rate moved from 13% in 2014 to 60% in 2016
- Secondary Health facilities reporting rate drops from 76% in 2014 to 69% in 2016
- Key program data for Malaria, Immunization, MNCH, Family Planning have been harmonized with the NHMIS data

- Regular update of information on the Ministry websites and social media
- Issues on collection and collation of data had been addressed
- Quality of data generated has improved



**Figure 2: Ondo State NHMIS reporting rate on level of care from 2014 to 2016**

## ACHIEVEMENT

- Ondo State moved from 9<sup>th</sup> position in 2014 to 6<sup>th</sup> Position in 2016 on the National Instance for NHMIS Reporting rate on the DHIS platform.( this is due to the State wide Strike, Ondo State was on 2<sup>nd</sup> Position in 2015)
- The Health data Producers can now analyze and use their data at their own level.

## Identified Gaps

- *Staff retirement/redeployment/posting affects* competence on filling of registers correctly at Secondary Health Facilities
- **Incomplete integration of Private Health facilities in the data collection/validation plan**
- Non Participation of some secondary Health Facilities in the Validation exercise and data upload on the DHIS platform
- Supporting partners plan for 2017 might not include data validation meetings, hence funding is presumed to be problem

**Conclusion:** This report reflect that there is great improvement on the availability of timely health data, quality of the data had improved and the capacity of personnel had improved. But this activities were made successful with the support of the Supporting Partners.

### **NEXT STEP FOR 2017 ACTIVITIES**

<b>S/N</b>	<b>ACTIVITIES</b>	<b>OBJECTIVE</b>	<b>RESPON SIBLE</b>	<b>FUNDING SOURCE</b>	<b>TIMELINE</b>
1	Tracking of data on the DHIS platform	To track the performance of each LGAs on the DHIS platform	SMOH	SMOH	weekly
2	Monthly Validation meeting	To ensure availability of quality data	SMOH	Yet to be determined	monthly
3	Monthly LGAs HMIS Officers Meeting (Post Validation Meeting)	To ensure Timely upload of quality data & to give feedback to LGAs	SMOH	Yet to be determined	Monthly
4	Harmonization of HMBs' data collection tools with NHMIS data tools	To ensure data Standard and streamline data flow to standard.	SMOH	SMOH	January – 2 <sup>nd</sup> week in February 2017
5	Training of Private Health Facilities on NHMIS Data collection tools	To build capacity of Private Health Facilities HIM on NHMIS data tools	SMOH	SMOH	April, 2017
6	Supervision	To ensure compliance of Data collection Personnel on the use and maintenance of the NHMIS registers	SMOH	SMOH	Quarterly
7	Quarterly Health Data Consultative Committee (HDCC)	To harmonized all health data and to incentivize the best performing LGAs on Data Management	SMOH	SMOH/UNIC EF	Quarterly
8	Maintenance of the Ondo State Ministry of health Website	To publicize the activities and performance of the Health sector	SMOH	SMOH	yearly
9	Capacity Building for key HMIS staffs on data management and Epidemiology	To build the capacity of HMIS staffs on Data management	SMOH	SMOH	April – June 2017