

Code _____ (filled by data collector)

Tools used to assess Determinant of health management information Utilization

Part One: Socio Demographic Factors

Please, encircle or fill your appropriate opinions for each question		
No.	Questions	Responses
101	Type of health facility	A. Hospitals B. Health center
102	Residence	A. Urban B. Rural
103	Gender	A. Male B. Female
104	Age in years	_____
105	Educational level	A)Diploma B) Bsc degree C) Master D) Other specify_____
106	specialized field of study	A)Nurse B)Medicine C)Midwifery D)Pharmacy E)Health officer F)Laboratory G)Other(Specify)_____
107	Working experience in years	_____
108	Unit/department you are working now	A. IPD B. OPD C. ANC D. Laboratory A. Other(Specify)_____
109	Your position in the department	A. Facility manager B. Department head B. Performance monitoring team member C. Coordinator D. Health professional only E. Other role (specify)_____
110	Monthly salary	_____
111	How many patients or clients do you treat/serve per a day on average	_____
112	How many hours do you work per a day on average	_____
Section Two : Health Management information use		

Code _____ (filled by data collector)

Please rate your level of agreement on the following statements regarding the Health Management information use . The statements are expressed using the Likert scale; 1- Strongly Disagree, 2 Disagree, 3-Neither Agree or Disagree, 4-Agree 5-Strongly agree.					
Part Two: Routine health information used for :					
201. Treating patient	1	2	3	4	5
202. Disease prioritization	1	2	3	4	5
203. Drug procurement	1	2	3	4	5
204. Monitoring day to day health service activities	1	2	3	4	5
205. Checking data quality	1	2	3	4	5
206. Resource allocation	1	2	3	4	5
207. Departments performance evaluation	1	2	3	4	5
208. Planning	1	2	3	4	5
209. Monitoring the performance of staffs	1	2	3	4	5
2010. Selecting good experience with in the facility	1	2	3	4	5
2011. Sharing of best experience for other facility and stakeholders	1	2	3	4	5
2012. Decision making	1	2	3	4	5
2013. Community mobilization and discussion	1	2	3	4	5

Part Three: Behavioral Factors; This is to measure your knowledge on health management information system; please, encircle your appropriate opinions for each questions

301	Indicate possible reasons for collecting or using aggregated data on a monthly basis for the following data types. If it is reason encircle <u>YES</u>, if it is not a reason encircle <u>NO</u>.	
	Which are the reasons for collecting or using aggregated diseases data:	Responses(encircle)
	a. To provide individual level care	A. Yes B. No C. I don't know
	b. To know changes in magnitude/burden of selected diseases	A. Yes B. No C. I don't know
	c. To triage patients who need urgent care and those who can wait for some time	A. Yes B. No C. I don't know
	d. To identify disease outbreaks and take action to address epidemics	A. Yes B. No C. I don't know

Code _____ (filled by data collector)

	e. To plan preventive and primitive activities	A. Yes B. No C. I don't know
302	Which can be the reasons for collecting or using aggregated immunization data: (If it can be the reason encircle <u>Yes</u> in front of it; if it can't be encircle <u>No</u>)	
	a. To know the coverage of effective intervention (immunization) for improving maternal or child health	A. Yes B. No C. I don't know
	b. To improve diagnosis and treatment of under five children	A. Yes B. No C. I don't know
	c. To take action for providing necessary resources (eg. staffing, equipment, vaccines, etc)	A. Yes B. No C. I don't know
	d. To plan for immunization activities – developing targets for immunization	A. Yes B. No C. I don't know
303	The reasons for collecting or using aggregated age/sex of patients/clients (If it can be the reason encircle <u>Yes</u> in front of it; if it can't be the reason encircle <u>No</u>)	
	a. To ensure equitable service coverage across people of all groups	A. Yes B. No C. I don't know
	b. To know which group is affected by certain disease	A. Yes B. No C. I don't know
	c. To get more funding	A. Yes B. No C. I don't know
	d. To calculate workload of OPD and under-five clinic	A. Yes B. No C. I don't know
	e. To know if the appropriate group is getting the relevant services	A. Yes B. No C. I don't know
304	Which can be the reasons for collecting or using geographical data or residence of patients for example where they come from (If it can be the reason encircle <u>Yes</u> in front of it; if it can't be the reason encircle <u>No</u>)	
	a. To plan preventive and promotive activities targeted to certain geographic areas	A. Yes B. No C. I don't know
	b. To improve access and utilization of health services	A. Yes B. No C. I don't know
	c. To determine the behavior of clients/population group	A. Yes B. No C. I don't know
	d. For disease surveillance (to control epidemic/disease outbreaks)	A. Yes B. No C. I don't know
305	Why population data are needed (example total number of people living in the catchment area)?(If it can be answer encircle <u>Yes</u> in front of it otherwise encircle <u>No</u>)	
	a. To use as denominator for calculating of indicators	A. Yes B. No C. I don't know

Code _____ (filled by data collector)

	b. To plan the provision of various health services	A. Yes B. No C. I don't know					
	c. To calculate the workload of health facilities	A. Yes B. No C. I don't know					
	d. To know the knowledge and skill of health professionals	A. Yes B. No C. I don't know					
306	How can we know data are consistent?	A. Yes B. No C. I don't know					
	A. if it is submitted by all(most) reporting facilities	A. Yes B. No C. I don't know					
	B. .if there is no mathematical errors	A. Yes B. No C. I don't know					
	C. if the data are within the normal ranges	A. Yes B. No C. I don't know					
307	What does complete data mean?	A. Yes B. No C. I don't know					
	A. if it is submitted by all(most) reporting facilities	A. Yes B. No C. I don't know					
	B. .if there is no mathematical errors	A. Yes B. No C. I don't know					
	C. if the data are within the normal ranges	A. Yes B. No C. I don't know					
308	When we say data are Accurate?						
	A. if it is submitted by all(most) reporting facilities	A. Yes B. No C. I don't know					
	B. .if there is no mathematical errors	A. Yes B. No C. I don't know					
	C. if the data are within the normal ranges	A. Yes B. No C. I don't know					
3. 2. Please rate your perceived self-efficacy to HMIS activities in your health facility (circle the appropriate answer for strongly disagree=1, for disagree =2, for neutral =3, for agree=4, for strongly agree=5(high confidence))							
309	Perceived self-efficacy in analyzing data	I can calculate percentage/rate correctly	1	2	3	4	5
310		I can compute data by months or year	1	2	3	4	5
311	Perceived self-efficacy in interpreting data	I can compute trend from bar chart	1	2	3	4	5
312		I can compare data from bar chart	1	2	3	4	5
313	Perceived self-efficacy in using information	I can use data for identifying gaps	1	2	3	4	5
314		can use data for planning future actions	1	2	3	4	5
315		I can use data for monitoring change in indicators	1	2	3	4	5

Code _____ (filled by data collector)

316	I can use data for advocacy					
3.3. Attitude: Please rate your attitude towards toward HMIS data (circle your own opinion for strongly disagree=1, for disagree =2, for neutral =3, for agree=4, for strongly agree=5)						
Question		1	2	3	4	5
317	Are you Eager to undergo training on data management	1	2	3	4	5
318	Are filling forms are easy and worthwhile exercise	1	2	3	4	5
319	Are you interested in filling Forms	1	2	3	4	5
320	Collecting, analysis, reporting and utilizing data is not time consuming	1	2	3	4	5
321	Collecting, storing, analysis, reporting and utilizing data is useful exercise	1	2	3	4	5
322	Collecting, analysis and reporting information which is not used for decision making encourages me	1	2	3	4	5
323	Collecting, analysis and reporting information gives me the feeling that data is needed for monitoring facility performance	1	2	3	4	5
324	Managing data is part of my duty/responsibility	1	2	3	4	5
.3.4 Motivation: Please rate your Motivation towards toward HMIS activities (circle your own opinion for strongly disagree=1, for disagree =2, for neutral =3, for agree=4, for strongly agree=5)						
S/N	Questions	Possible answers				
325	I always like to be guided by HMIS data to make decisions	1	2	3	4	5
326	I put a great deal of effort into analyzing and interpreting HMIS data.	1	2	3	4	5
327	I am committed to monitor data collection in my department to make HMIS data better.	1	2	3	4	5
328	I am dedicated to using HMIS data for decision making.	1	2	3	4	5
329	I devote my time for the sake of using HMIS data for decision making.	1	2	3	4	5
330	I put a great deal of effort into understand the information needs of my facility (Department).	1	2	3	4	5
331	I am devoted to accessing HMIS data as needed for managing a program.	1	2	3	4	5
No	Part Four: Technical factors; please encircle Yes/No for the following technical factors					
401	Is there standardized set of indicator in your facility?	A. Yes B. No				

Code _____ (filled by data collector)

402	Is there friendly format for data collection and reporting	A. Yes B. No
403	If your answer is No for Question 402, what makes the formats to be unfriendly or difficult to understand for you?	A. Uncommon words/terms B. abbreviations C. formats are inconsistent D. If other specify _____
404	There is a use of appropriate technology for data analysis, transfer and presentation?	1. Yes 2. No

5. Part Five: Organizational Factors: Please rate your facility management support (circle the appropriate answer for strongly disagree=1, for disagree =2, for neutral =3, for agree=4, for strongly agree=5)

Question about your facility/health department management						
501	My superior manager Use HMIS data for day to day management of the health center	1	2	3	4	5
502	My superior manager encourages to display data for monitoring their set target	1	2	3	4	5
503	My superior manager encourages to gather data to find the root cause(s) of the problem	1	2	3	4	5
504	My superior manager encourages to develop appropriate criteria for selecting interventions for a given problem	1	2	3	4	5
505	My superior manager encourages to develop appropriate outcomes for a particular intervention	1	2	3	4	5
506	My superior manager encourages to evaluate whether the targets or outcomes have been achieved	1	2	3	4	5
Organizational factors continue... culture of health information						
507	Health department encourages staff to use data to monitor changes in health service indicators	1	2	3	4	5
508	Health department encourages staff to use data monitor changes in health service indicators	1	2	3	4	5
509	Health department encourages staff to use data for developing future action plans	1	2	3	4	5
510	Health department encourages staff to use data for community actions	1	2	3	4	5
511	Health department encourages staff/managers to check evidence before making decisions	1	2	3	4	5
512	Health department makes staff accountable for their decisions and actions	1	2	3	4	5
513	Health department encourages supervisors to reward good work	1	2	3	4	5
514	Health department makes staff feel important by recognizing their work	1	2	3	4	5

Please, encircle or fill each question

Code _____ (filled by data collector)

515. Are reference materials available for data management in your department?
A) Yes B) No C) Yes but not adequate
516. If your answer is yes for question 507, which type of reference materials are available (more than one answer is possible)
A. Indicator reference sheet
B. Data management guideline
C. HMIS information user guideline
D. HMIS diseases classification E. Other (specify) _____
517. Are report formats available in your department? A) Yes B) No C) Yes but not adequate
518. Is internet available in your department? A) Yes B) No
519. Are tally sheets available in your department
A) Yes B) No C) Yes but not adequate
520. Does your facility provide pen, pencil or marker?
A) Yes B) No C) Yes but not adequate
521. Are graph papers available in your department?
A) Yes B) No C) Yes but not adequate
522. Are white papers available in your department?
A) Yes B) No C) Yes but not adequate
523. Have you ever received a formal routine health information /health management information training before? A. Yes B. No
524. If you say yes in question No. 515, what type of training you took?
A. Health statistics
B. Data management(Data collection, storage, processing, analysis, quality checking, reporting and use)
C. Monitoring and evaluation
D. Other (specify) _____
525. Does your health facility have computer that can be used only for routine HMIS or data management task processing? A. Yes B. No
526. If your answer for question number 517 is “Yes”, do you think the computers are adequate? A. Yes B. No
527. For what purpose do you use the computers?(More than 1 answer is possible)
A. To record or register patient visits D. To schedules or appoint patients
B. For Administration and finance routines E. other(specify) _____
C. To store and retrieve electronic patient information

Code _____ (filled by data collector)

528. In the past 3 months did you get supervision from higher officials?

- A. Yes B. No

529. If yes for the above question 520, how many times the unit/department supervised.

- A. Onetime B. Two times C. Three times

530. Did supervisor check the data management practices such as the way you are recording, analysis, reporting, data quality and utilization during supervision?

- A. Yes B. No

531. Did the supervisor discuss on data management activities based on HMIS information when he/she visited your facility? A. Yes B. No

532. Have you received feedback from higher levels A. Yes B. No

533. If your answer for question number 524 is yes, in what interval have you received feedback?

- A. Monthly B. Quarterly C. Every six month D. Annually

534. Are there any incentives for Data management process such as recording, processing, storage, data quality assurance, report and using?

- A. Yes B. No

535. If your answer for question number 526 is yes, what kind of incentives

- A. Training B. Money C. Recognition D. Other(specify) _____

Observation Checklist

Health Facility :		
Observer:	Date :	
Items	YES	NO
Presence of health facility RHIS targets displayed		
Presence of health facility indicator performance charts, graphs and table displayed		
Presence of staff meeting minutes reflecting reports, data and feedback from health facility or district discussed		
Presence of action work plan relating identified data gaps and how they were addressed		
Presence of RHIS training manual and guide		
Presence of RHIS supervisory checklist		
presence of RHIS supervisory report		
presence of data quality assurance checklist		