HEALTH WORKERS' PRACTICES AND PERFORMANCE OF HEALTHCARE PROJECTS IN KAYUNGA DISTRICT, UGANDA

Survey Questionnaire

The study aims to assess health worker practices' effects and develop evidence-based strategies to enhance project performance, ultimately promoting the health and well-being of the local population. The objectives include evaluating surveillance and vaccine management practices, identifying improvement strategies, and examining the relationship between policy support and project performance.

Section A: Demographic Information

No.	Question	1	2	3	4	5
1	What is your age?	☐ Under 25	☐ 25-34	☐ 35-44	☐ 45-54	☐ ≥55
2	How many years have you worked in the healthcare sector?	☐ <1 year	☐ 1-3 years	☐ 4-6 years	☐ 7-9 years	☐ ≥10 years
3	What is your highest level of education?	☐ Certificate	☐ Diploma	☐ Bachelor's	☐ Master's	☐ Doctorate
4	What is your current position/role?	☐ Nurse	☐ Doctor	☐ CHW	☐ Health Administrator	☐ Other (Please specify)
5	What is your gender?	☐ Male	☐ Female	☐ Other		

Section B: This section will be used to understand Surveillance Practices and challenges in the health facilities

No.	Question	1	2	3	4	5
6	How frequently do you engage in health surveillance activities?	☐ Daily	☐ Weekly	☐ Monthly	☐ Quarterly	☐ Rarely/Never
7	How would you rate the effectiveness of the current health surveillance practices in identifying health issues in the community?	☐ Very Effective	☐ Effective	☐ Neutral	☐ Ineffective	☐ Very Ineffective
8	How often do you use digital tools for health surveillance?	☐ Always	☐ Often	☐ Sometimes	☐ Rarely	☐ Never
9	Do you receive regular training on health surveillance practices?	☐ Always	☐ Often	☐ Sometimes	☐ Rarely	☐ Never
10	Rate the reliability of the data collected through current surveillance practices.	☐ Very Reliable	☐ Reliable	☐ Neutral	☐ Unreliable	☐ Very Unreliable
11	How timely is the reporting of health surveillance data in your facility?	☐ Very Timely	☐ Timely	☐ Neutral	☐ Untimely	☐ Very Untimely
12	How well do you think the community understands and	☐ Very Well	☐ Well	☐ Neutral	☐ Poorly	☐ Very Poorly

	cooperates with health surveillance activities?				
13	Do you feel the current surveillance system allows quick and effective responses to health issues?	☐ Strongly Agree	☐ Agree	☐ Neutral	☐ Disagree	☐ Strongly Disagree
14	Do you conduct active surveillance at the health facility?	☐ Yes	☐ No			
15	Do you conduct surveillance data analysis at your health facility?	☐ Always	☐ Often	☐ Sometimes	☐ Rarely	☐ Never
16	How often do you conduct surveillance data analysis at your facility?	☐ Weekly	☐ Monthly	☐ Twice a month	☐ Every day	
For Questions 17-21 Select all that apply for multiple-choice questions:						
17	What types of surveillance activities are you involved in? (Select all that apply)	☐ Disease outbreak monitoring	☐ Health data collection and reporting	☐ Community health assessments	☐ Routine health inspections	☐ Other (Please specify)
18	What challenges do you face in conducting health surveillance? (Select all that apply)	☐ Lack of resources	☐ Inadequate training	☐ Insufficient staff	☐ Poor data management systems	☐ Limited community cooperation
19	What health issues are most commonly identified through surveillance activities in your area? (Select all that apply)	☐ Infectious diseases	☐ non-communicable diseases	☐ Environmental health issues	☐ Maternal and child health issues	☐ Other (Please specify)
20	When do you report surveillance data collected at your facility? (Select all that apply)	☐ Daily	☐ Weekly	☐ Monthly	☐ Quarterly	
21	What improvements would you suggest for the health surveillance practices in your district? (Select all that apply)	☐ Increase Funding and Resources	☐ Enhance Training Programs	☐ Improve Data Management Systems	☐ Strengthen Community Engagement	☐ Other (Please specify)
22	Do you conduct surveillance data analysis at your health facility?	☐ Always	☐ Often	☐ Sometimes	☐ Rarely	☐ Never
23	How often do you conduct surveillance data analysis at your facility?	☐ Weekly	☐ Monthly	☐ Twice a month	☐ Every day	
24	When do you report surveillance data collected at your	☐ Daily	☐ Weekly	☐ Monthly	☐ Quarterly	

	facility? (Select all that apply)					
25	Which tool is used to report weekly surveillance data at the national level?	☐ HMIS 105	☐ HMIS 108	☐ HMIS 033b	☐ HMIS 060	
26	What improvements would you suggest for the health surveillance practices in your district?	☐ Increase Funding and Resources	☐ Enhance Training Programs	☐ Improve Data Management Systems	☐ Strengthen Community Engagement	☐ Other (Please specify)

Section C: This section will be used to understand Vaccine Management Practices and challenges in health facilities

No.	Question	1	2	3	4	5
1	How often do you participate in vaccine management activities?	☐ Daily	☐ Weekly	☐ Monthly	☐ Quarterly	☐ Rarely/Never
2	What is your cadre?	☐ Midwife	☐ Nurse	☐ Clinician	☐ Other (specify)	
3	In which capacity do you work here at the health facility?	☐ In EPI	☐ In charge of the facility	☐ Health facility Surveillance focal person	☐ Health information assistant	☐ Other (Specify)
4	How long have you worked in vaccine management at this facility?	☐ 1-5 years	☐ More than 5 years			
5	Have you ever received training on vaccine management practices?	☐ Yes	☐ No			
6	If yes, when was the last time you were trained or mentored on vaccine management?	☐ Less than a year ago	☐ 1 year ago	☐ Two or more years ago	☐ Never	
7	How adequate did you find the training provided for vaccine management?	☐ Very Adequate	☐ Adequate	☐ Neutral	☐ Inadequate	☐ Very Inadequate
8	How often do you use digital tools (e.g., electronic health records, and inventory management systems) for vaccine management?	☐ Always	☐ Often	☐ Sometimes	☐ Rarely	☐ Never
9	Rate the effectiveness of the current vaccine management practices in ensuring vaccine safety and potency.	☐ Very Effective	☐ Effective	☐ Neutral	☐ Ineffective	☐ Very Ineffective
10	How often do you take vaccine refrigerator temperature readings?	☐ Daily	☐ Twice a day	☐ Sometimes	☐ Never	
11	What is the temperature monitoring in the last month?	☐ Regular	☐ Irregular	☐ Not working	☐ Other (Specify)	
12	Is there an updated reach every district micro plan in the health facility?	☐ Yes	☐ No			

13	Is there an immunization schedule/session plan for routine immunization?	☐ RI given and schedule posted	☐ RI given but not posted	☐ RI Not in the facility		
14	Does the facility have a vaccine monitoring chart?	☐ Have updated chart	☐ The chart updated wrongly	☐ Have chart but not updated	☐ Charts available but not used	
15	What is the vaccine status in the refrigerator?	☐ Expired vaccines found in the fridge	☐ VVM at discarding point	☐ Vaccines in good condition	☐ Open freeze-dried vaccines	
16	Do you know VVM reading, shake test and multi-dose vial policy? Explain	☐ Knows VVM reading	☐ Knows shake test	☐ multi-dose vial policy	☐ Does not know any of the above	
17	Do you have access to necessary resources (e.g., refrigerators, transport) to manage vaccines effectively?	☐ Yes	☐ No			
18	How reliable is the current cold chain system in your facility?	☐ Very Reliable	☐ Reliable	☐ Neutral	☐ Unreliable	☐ Very Unreliable
19	How timely is the reporting of vaccine inventory and usage data in your facility?	☐ Very Timely	☐ Timely	☐ Neutral	☐ Untimely	☐ Very Untimely
20	Do you feel that the current vaccine management system allows for quick and effective responses to vaccine-related issues?	☐ Yes	☐ No			
21	How well do you think the community understands the importance of vaccines and cooperates with vaccination programs?	☐ Very Well	☐ Well	☐ Neutral	☐ Poorly	☐ Very Poorly
For Questions 22 and 23, Select all that apply for multiple-choice questions						
22	What types of vaccines are most commonly managed in your facility? (Select all that apply)	☐ Childhood vaccines	☐ Influenza vaccines	☐ COVID-19 vaccines	☐ Travel vaccines	☐ Other (Please specify)
23	How often are vaccine management data shared with other health facilities or authorities?	☐ Always	☐ Often	☐ Sometimes	☐ Rarely	☐ Never

These questions will help determine the practical strategies crucial in health project performance

SN	Practical Strategies to Improve Performance of Health Projects	SA	A	NS	D	SD
PS1	Training on the practical implementation of health projects in Kayunga district has undergone	5	4	3	2	1
PS2	Frequent involvement in the planning stage of health projects in the facility	5	4	3	2	1
PS3	Current strategies for project management effectively lead to desired health outcomes	5	4	3	2	1

PS4	Challenges are faced in effectively implementing health projects	5	4	3	2	1
PS5	Contentment with the communication channels for project updates and progress reports	5	4	3	2	1
PS6	Greater community involvement in health projects in the district is perceived as necessary	5	4	3	2	1
PS7	Issues related to resource allocation for health projects in the facility are often encountered	5	4	3	2	1
PS8	Specific training needs, if fulfilled, could enhance the execution of health projects in the district	5	4	3	2	1
PS9	Current monitoring and evaluation systems contribute significantly to the success of health projects in the district	5	4	3	2	1
PS10	Current strategies in place effectively ensure the sustainability of health projects in Kayunga district	5	4	3	2	1

PH1	There has been an improvement in the health outcome measures in Kayunga district over the past year	5	4	3	2	1
PH2	Contentment with the quality of care provided to patients in the health facilities of Kayunga district.	5	4	3	2	1
PH3	Satisfaction levels among patients have risen in the health facilities of Kayunga district.	5	4	3	2	1
PH4	Health projects in Kayunga district are both cost-effective and efficient in utilizing resources.	5	4	3	2	1
PH5	Health projects implemented in the Kayunga district have led to better health outcomes for the local population.	5	4	3	2	1
PH6	Overall quality of care provided by the health facilities in Kayunga district is satisfactory.	5	4	3	2	1
PH7	Improvements in patient satisfaction levels with the services offered in the Kayunga district have been observed	5	4	3	2	1
PH8	Health projects in Kayunga district are cost-effective considering the resources utilized	5	4	3	2	1
PH9	Significant impact of health projects on the health outcome measures in Kayunga district has been observed.	5	4	3	2	1
PH10	The cost-effectiveness and efficiency of health projects in Kayunga district are assessed in comparison to similar projects in neighboring districts	5	4	3	2	1