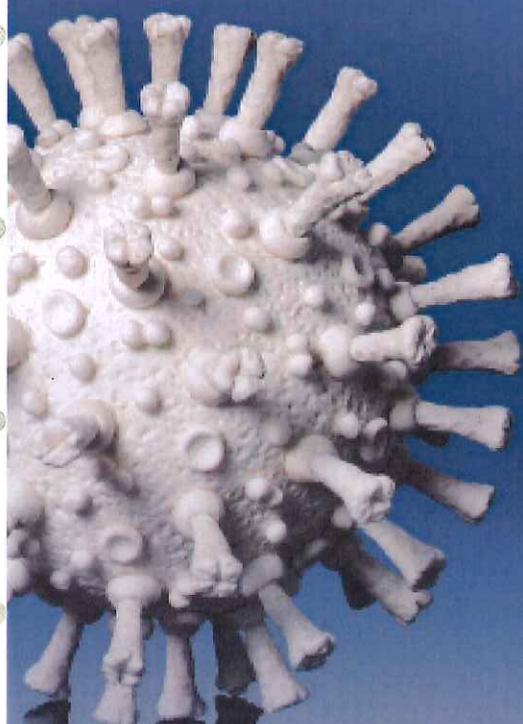


**SPECIAL AUDIT REPORT OF THE AUDITOR-GENERAL
ON
COVID 19 VACCINE ROLL OUT
FOR
MIGORI COUNTY
AS AT 31 MARCH 2022**

PAPERS LAID	
DATE	11 th October 2022
TABLED BY	SEN. MAJORITY LEADER
COMMITTEE	—
CLERK AT THE TABLE	MRS. ADJIBODU



June 2022

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LIST OF ABBREVIATIONS

The following abbreviations are used in this Report

Abbreviation	Full Name
eLMIS	Electronic Logistics Management Information System
FIFO	First In, First Out
GOK	Government of Kenya
HR	Human Resource
MOH	Ministry of Health
NVS	National Vaccine Store
RVS	Regional Vaccine Stores
SCVS	Sub County Vaccine Store
ULT	Ultra-Low Temperatures
UNICEF	United Nations International Children's Emergency Fund
WHO	World Health Organization

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1.0 EXECUTIVE SUMMARY

1.1. Background and Introduction

The Auditor-General carried out a Special Audit on the efficiency and effectiveness of Covid-19 vaccines roll-out in Kenya. The Audit covered the period from inception of the vaccination exercise in March 2021 to 31 March, 2022. The primary objective of the audit was to determine the efficiency and effectiveness of the Covid-19 vaccines rollout in the Forty-Seven (47) Counties. This report, however, specifically covers the audit performed for the Covid-19 vaccines rollout in Migori County. The audit involved the review of budget, sources of the vaccines, storage, distribution, utilization and disposal of the vaccines, human resource financing, coordination of players, monitoring and supervision.

The Government of Kenya commissioned use of the Chanjo System to manage the Covid-19 vaccines rollout and utilized the existing immunization structures for other routine vaccines.

1.2. Audit Scope, Limitations and Mitigation

The audit reviewed all processes relating to Covid-19 vaccines immunization which included budgeting, administration, disposal of the expired stocks, governance, and monitoring structures.

Challenges experienced during the audit included lack of definition of most of the vaccinating facilities in the Chanjo System and inadequacy and completeness of vaccine inventory records. The Audit Team put in place several measures to mitigate the challenges including expanding the scope to near 100% coverage of the vaccinating facilities in the County.

1.3. Audit Approach and Methodology

The Audit exercise entailed planning, piloting of the vaccine roll-out audit in one of the Counties, before rolling out to the rest of the 47 Counties. Meetings were held with the auditee and evidence was collected through interviews, document reviews, Data

Analytics, analysis of audit evidence, among others. The audit was performed using International Standards of Supreme Auditing Institutions (ISSAIs).

1.4. Report Summary

1.4.1. Doses received and Administered

Migori County received 508,530 doses of various types of vaccines during the period under review. Out of the total Covid-19 Vaccine doses received in the County, 405,667 doses were administered, while 29,905 vaccine doses were still in stock as at the time of the audit cutoff date of 31 March, 2022. The balance of 72,958 vaccine doses comprised of expired, damaged, wasted and an unexplained deficit variance of 37,694 doses as at 31 March, 2022.

1.4.2. Budget

Review of the Migori County health services budget for the 2021/2022 financial year revealed that the County did not budget for the Covid-19 vaccination activities but instead used the budget for routine immunization to cater for the rollout exercise.

1.4.3. Sources and Distribution of Vaccines

The source of vaccines to the County was from the National Government through the Migori Regional Store. The distribution flow was from Regional Store, to the Sub County Stores and to the facilities which administered the vaccines.

1.4.4. Storage of Vaccines

The Migori Regional and Sub County Stores complied to some extent with the storage conditions set out by MOH for Covid-19 Vaccines. However, weaknesses were noted in the storage at the facilities, including inadequate storage equipment and temperature monitoring tools.

1.4.5. Disposal of Vaccines

The Special Audit noted that a total of 35,264 vaccine doses had expired, were damaged or had gone to waste. Out of 35,264 vaccine doses, 35,146 had been disposed with other hospital waste while the balance of 118 vaccine had been returned to the County Store.

1.4.6. Human Resource Matters

The financing for health care personnel was to be funded by the Government of Kenya, Donors and development partners. Migori County Management explained that their trainings were undertaken through the assistance of the development partners. However, there were no proper records of documentation maintained for the trainings undertaken or provided.

1.4.7. Coordination of players

The coordination of the exercise was done by the Migori County Covid-19 Vaccine Deployment and Vaccination Task Force. However, the appointment letters and the minutes of the Task Force were not provided for audit review.

1.4.8. Monitoring and Supervision

The Audit established that Covid-19 Vaccines roll out was monitored and supervised by a Committee to ensure smooth implementation of policies and guidelines issued from time to time by the National Government. However, the Committee did not maintain minutes and attendance schedules to evidence their activities.

1.4.9. Conclusions and Recommendation

The audit concluded that the roll-out of the Covid-19 Vaccines was effective. However, weaknesses were noted in some of the processes, including failure to budget for the rollout activities, practical adherence to waste disposal regulations, inadequate staff and training at the facilities and inadequate access to the Chanjo System due to lack of data bundles to the staff updating information in the system. This impacted on the real time recording of information in the Chanjo System and an unexplained variance (deficit) of 37,694 of vaccine doses valued at Kshs.25,058,952 based on the average Vaccine cost during the period. The existing immunization structures for routine vaccines were functional but require scale up to handle unforeseen pandemics. Owing to the weaknesses noted it is recommended that the Migori County Government should work closely with the National Government to strengthen the existing immunization structures and staffing to meet international standards.

2.0 BACKGROUND AND INTRODUCTION

Kenya received its first consignment of Astra Zeneca-Oxford Covid-19 vaccine in March 2021 as part of the COVAX facility. This was followed by more vaccines of Moderna, Johnson & Johnson (Janssen), Pfizer and Sinopharm from other development partners. The Ministry of Health (MOH) launched a campaign and kicked off the deployment plan for the Covid-19 vaccines roll out on 5 March, 2021 with priority being given to frontline health workers and essential staff including security personnel. According to the National Covid-19 vaccine deployment plan, the first vaccine plan was developed in March 2021 and was subsequently revised by the MOH in August 2021 in an effort to cover the entire adult population in the country.

Migori County received its first consignment of 10,100 doses of Astra Zeneca-Oxford Covid-19 vaccines in April 2021 through the Kisumu Regional Vaccines Store. The vaccine doses were first administered at Migori County Referral Hospital and the eight (8) Sub-County Hospitals before being rolled out to the facilities in the County. As at 31 March 2022, the Special Audit Team established that the County had received a total of 508,530 vaccines doses as tabulated below:

Type of Vaccine	Number of Doses
Moderna	40,880
Janssen (Ad26.COV2_S)	119,780
Oxford/AstraZeneca	143,120
Pfizer	204,750
Total	508,530

2.1 Objective of the Audit

The primary objective of the audit was to determine the efficiency and effectiveness of the Covid-19 vaccine rollout in Migori County. This was achieved through; review of budget, sources of the vaccines, storage, distribution, utilization and disposal of the vaccines, human resource, coordination of players, monitoring and supervision.

2.2 Terms of Reference

The following Terms of Reference (TOR) guided the Special Audit;

Table 1: Terms of Reference

TOR	Detailed Procedures
1. Budget	• How much was set aside for vaccines and related activities and how the figures were arrived at • Budget approval process • Allocation of the funds i.e. specific budget items • Source of funds i.e. GOK and Donors
2. Sources of Vaccines	• GOK Procured vaccines, development partners donations and COVAX • Procurement process for GOK procured vaccines • Local and international approval of vaccines and syringes • Types and quantities of the vaccines from the different sources; and the vaccine shelf life and prices where applicable • Consider whether vaccines came with syringes or not and the effect • Vaccine Batch Numbers • Storage of defective vaccines/expired • Recording of vaccines • Government clearance process for vaccines sourced from outside the country • WHO rating of effectiveness of various vaccines. • Cost vs budget
3. Storage of Vaccines	• Manufacturer's requirements for storage of vaccines • Local storage capacity • Local storage conditions • Handling requirements • Transportation requirements • Recording including batch numbers • Stocking levels, process of issuing of vaccines as well as duration • Recording and accountability • Duration in store • Storage of defective vaccine and Syringes • Cost Vs Budget
4. Distribution	• How vaccines were distributed; logistics • Quantities of vaccines distributed • Proportion of vaccines distributed per region • Basis of quantities and proportions distributed e.g. population • Storage issues • Recording and accountability • Cost vs budget
5. Utilization	• Awareness creation • Intended/ target population • Uptake per vaccine type

TOR	Detailed Procedures
	• Rate of transition from first to second dose • Possibility of delayed administration of second dose • Matters relating to booster doses • Expired vaccines • Recording and accountability for vaccines received, utilized in stock and expired • Cost vs budget
6. Disposal	• Number of vaccines disposed • Criteria for disposal • Recording and accountability for the disposal • Reports and feedback • Reconciliation of what was procured, utilized, unused and disposals • Costs vs budgets
7. Human Resource Matters (National and County Staff)	• Number of persons involved • Roles and responsibilities • Expertise (capacity/skills) • Duplication of roles if any • Selection and appointment criteria • Training Plans and Roll Out • Costs vs budgets
8. Coordination of players	• Who are the key players? • Are the roles and responsibilities of the players clear? • Is there a framework for coordination and communication by the players? • Approval and appointment of taskforce and committees • Costs vs budgets
9. Monitoring and supervision	• Is there a framework for monitoring and supervision of players? • Approval and appointment of taskforce and committees • Costs vs budgets

2.3 Scope of the Audit and Limitations

2.3.1 Scope

The audit reviewed all processes from the inception of Covid-19 vaccines roll out, through budgeting to administration and disposal including the governance and monitoring structures. The period covered was from inception in March 2021 to 31 March, 2022.

2.3.2 Limitations

The Special Audit experienced challenges and limitations which were mitigated in several ways in order not to negatively affect the quality and results of the audit findings. Some of the challenges and measures taken included:

- i. Vaccine damages and wastages records were not maintained at the facilities. This was mitigated by making reference to the vaccine wastages uploaded in the Chanjo System .
- ii. 11 facilities operating as outreaches were not mapped in the Chanjo System. Vaccines for the outreach activities were collected from the nearby facilities, mapped in the System. Where there were delays in updating the transactions in the Chanjo System, they caused inconsistencies in the Vaccine stock reconciliations. This was mitigated by obtaining the actual number of vaccinating facilities from the Sub-County stores and carrying out concurrent physical verification of the Vaccine stocks at the parent and outreach facilities.
- iii. Complementary physical records in some of facilities were found to be incomplete including those mapped in the Chanjo System. The Special Audit Team relied on the Chanjo System for the information.
- iv. Vaccine stock movements in the Chanjo System indicated that the vaccines received from the regional store had all been issued to vaccinating facilities. It was however established that the vaccines had been issued to the Sub-County Stores as well as facilities. This was mitigated by undertaking physical vaccines stock counts at the affected stores facilities and reconciling to the Chanjo System for the stock movements.
- v. Most of the vaccinating facilities had inadequate staff. This was mitigated by performing desktop work in the Chanjo System ahead of the field visit to the facilities. Further the officers accompanying the audit Team alerted the facilities of the planned visits to minimize on the disruption of service delivery during the visit.

The Audit Team had to also use the data from the forms used for vaccines receipts, utilization and balances at the individual facility while reconciling it with the Chanjo System.

2.4 Audit Approach and Methodology

The Special Audit Team held entry and exit meetings with the County Health Management Team on 9 May, 2022 and 2 June, 2022 respectively. During the entry meeting, uniform and detailed work plans were developed and adopted which were then applied in the execution of the audit. The following were the main evidence gathering methods applied during the audit execution:

2.4.1 Document Review

To effectively plan for the audit and as a source of audit evidence, the Audit Team reviewed various documents including the vaccine order sheets, vaccine stock ledgers, various training reports, outreaches, co-ordination activities and seizure/destruction forms.

2.4.2 Analytical Review

The Audit Team extracted the vaccine data from the Chanjo System and carried comparative analysis with records at the regional stores and vaccinating facilities.

2.4.3 Physical Verification

The Audit Team carried out physical verifications in the eight (8) Sub County Stores and 109 vaccinating facilities of which 11 were outreach facilities in the County as detailed in **Appendix 1**

2.4.4 Interviews

The Audit Team interviewed senior officers from the Migori County Government to clarify the various issues to assist in making an informed report as detailed in Table 2 below.

Table 2: Interviews

	Name	Organization	Designation
1	Pauline Amollo	Migori County	Chief Officer Public Health
2	Dr Kennedy Ombogo	Migori County	Director Public Health Management
3	Tom Ochieng	Migori County	Deputy Director Public Health Management
4	Emilly Otieno	Migori County	County Expanded Programme on Immunization Logistics
5.	Alice Mugo	Migori County	County Nursing Officer
6.	Mr. James Oguk	Migori County	County Public Health Officer
7.	M. Jesse David	Migori County	County Health Records and Information Officer
8.	Denis Rae	Migori County	Information Technology

2.5 Audit Phases

The audit was divided into Two Phases; Phase One involved review of processes at The National Treasury, Office of the Controller of Budget and Ministry of Health. It also involved analysis of data maintained in eMIS, Chanjo System and Kenya Health Information System. The information was then shared with the Audit Teams to inform the next audit phase.

Phase Two involved review of processes, data and verifications at Migori Regional Store, Sub County Stores and the vaccinating facilities in the County. This Phase also involved verification and interview of staff.

2.6 Report Structure

This report is presented in the following format:

- i. Executive Summary,
- ii. Background and Introduction,
- iii. Detailed Findings,
- iv. Irregularities and Weaknesses in Management and Controls of Vaccines in Institutions
- v. Recommendations, and
- vi. Appendices

The report should be read in its entirety in order to comprehend fully the approach to and findings of our work. The report has covered analysis and facts as understood with the aim of informing The National Treasury and the Ministry of Health of the status of the Vaccines roll out in the Country bearing in mind the challenges and limitations experienced.

3.0 DETAILED FINDINGS

3.1 Budget and Sources of Vaccines

3.1.1. Unconfirmed Funding of Covid-19 Vaccination Activities

Review of the County's health services budget for the 2021/2022 financial year revealed that the County did not budget for the Covid-19 vaccination activities. Covid-19 vaccination costs, including transportation, training and capacity building and procurement of auxiliary services such as syringes and safety boxes could not, therefore, be traced to a specific budget, an indication that they were not budgeted for. This was contrary to Regulations 29. (1) of the Public Finance Management (County Governments) Regulations, 2015 which states that the accounting officer shall ensure that the draft estimates relating to her or his department are prepared in conformity with the Constitution, the Act and these Regulations. Management however, indicated that the expenditures were met by partner organizations, but this was not supported by way of any documentary evidence such as agreements.

3.1.2. Sources of Vaccines

The County received 508,530 vaccines between March 2021 and 31 March, 2022 from the National Government. Review of the County's Health Services Budget for the 2021/2022 financial year revealed that there were no provisions for the Covid-19 vaccine roll out. Further, the Special Audit revealed the following anomalies as summarized in Table 3 below and detailed in **Appendix 2**.

Table 3: Weaknesses in Budgeting and Financing

Observation/Findings	Number of Compliant Sub Counties	Number of Non-Compliant Sub Counties
Failure to budget for associated Covid-19 vaccination costs, including transportation, training and procurement of auxiliary services such as syringes and safety boxes.	0	8
Lack of budgetary support for Covid-19 from donors/National government.	8	0
Failure to spend budgetary support on Covid-19 vaccination.	0	8
Failure by the Sub County/Facility to finance Distribution of Vaccines, Outreaches, and Trainings costs related to Covid-19 vaccination.	0	8

3.2. Storage of Vaccines

According to World Health Organization (WHO) Guidelines (Covid-19 vaccination: supply and logistics guidance, 12 February, 2021) the Covid-19 vaccines should be stored as follows:

- i. Pfizer should be maintained at -80 °C to -60 °C in Ultra Low Temperatures (ULT) freezer, and for Undiluted thawed vaccine at +2 °C to +8 °C
- ii. Moderna should be maintained at -25 °C to -15 °C in ULT freezer, and unopened vials can be stored refrigerated between 2 °C to 8 °C for up to 30 days prior to first use.
- iii. Oxford/AstraZeneca should be maintained at 2 °C to 8 °C
- iv. Further, Centre for Disease Control (CDC) clinical guidance for Janssen Covid-19 Vaccine recommend storing of the vaccine at temperatures between 2°C and 8°C.

The storage conditions applied to the County Store, Sub- County Stores and vaccinating Facilities' Stores.

3.2.1. Storage at the County and Sub- Counties Stores

Review of documents provided for audit and physical verification carried out at the 8 Sub- County stores revealed issues as summarized below in table 4 and detailed in **Appendix 3**.

Table 4: Storage at the County and Sub County Stores

Observations/Findings	Number of Compliant Sub-County Stores	Number of Non-Compliant Sub-County Stores
Cold Chain and Supply Logistics		
Store, has sufficient security to prevent loss of Covid vaccines as well as prevent unauthorized access	4	4
Store has sufficient space for orderly receipt, warehousing, and dispatch of vaccines including a quarantine area for isolation when necessary, isolation of faulty packs and recalled goods. The vaccines and areas concerned were appropriately identified.	6	2
Broken or damaged items are withdrawn from usable stock and stored separately	5	3
There was sufficient lighting necessary to enable all operations to be carried out accurately and safely.	8	0
All Covid-19 vaccines stored off the floor	8	0
Refrigerated and freezing storage environments fitted with signals to indicate that refrigeration has failed. The signal permitted resetting only by the authorized person.	8	0

Observations/Findings	Number of Compliant Sub-County Stores	Number of Non-Compliant Sub-County Stores
The vaccines issued on a FIFO method and guided by the expiry date	8	0
There was a contingency plan in case of power failure, equipment breakdown, or cold chain breach	8	0
General Storage Areas		
There were secure measures to ensure that rejected vaccines cannot be used. Rejected vaccines are stored separately from other products while awaiting destruction or return to the supplier	8	0
There are written procedures and a sanitation program indicating the frequency of cleaning and the methods used to clean the premises and storage areas.	8	0
There was a cleaning log that must be completed, signed, and checked by the appropriately designated person.	0	8
There was a written procedure and a program for pest control. The pest control agents used did not pose any risk of contaminating the vaccines. There was a site flow plan indicating where the bait stations are situated.	0	8
There were appropriate written procedures for the clean-up of any spillage to ensure the complete removal of any risk of contamination	0	8
The covid-19 vaccines were stored in such a way as to prevent contamination or cross-contamination.	8	0
Storage Conditions		
The storage conditions were compatible with the storage conditions specified on their labels. (Storage facilities protected goods from deterioration.)	4	4
The warehouse was maintained at a temperature not exceeding 30 °C, and relative humidity not exceeding 75% Relative humidity (WHO zone IVb requirements) at all times.	8	0
The storage conditions of the refrigerators are as per the vaccine manufacturer's recommendations [Refrigerated (2°C to 8°C)]	8	0
There were continuous temperature monitoring devices. In addition, there were written procedures describing the action in case of temperature deviating outside of the set standards and conditions.	8	0
The store had stock in the Cold Room and were physical counted and grouped per vaccine and Batch Numbers	7	1

From the foregoing, the Special Audit Team established that 4 out of 8 Sub-County Stores in the County did not have adequate security to prevent loss of Covid vaccines or an

unauthorized access. In addition, Two Sub County Stores did not have sufficient space for orderly receipt, warehousing, and dispatch of vaccines including a quarantine area for isolating faulty packs and recalled vaccines. Three other stores did not withdraw and store the broken or damaged vials from usable stock. Further, all the Eight Sub County Stores cleaning logs were incomplete, while there were no written procedures and programs for pest control and lack of written procedures for the clean-up of spillages.

3.2.2. Storage at the Facilities Level

Review of documents provided for audit and physical verifications carried out at the 98 facilities revealed issues as summarized in Table 5 below and detailed in **Appendix 4**.

Table 5: Storage at the Facilities Level

Observations/Findings	Number of Compliant Facilities	Number of Non-Compliant Facilities
Cold Chain and Supply Logistics		
Store has sufficient security to prevent loss of Covid vaccines as well as prevent unauthorized access	90	8
Broken or damaged items are withdrawn from usable stock and stored separately	98	0
There was sufficient lighting necessary to enable all operations to be carried out accurately and safely.	98	0
All Covid-19 vaccines stored off the floor	98	0
Refrigerated and freezing storage environments fitted with signals to indicate that refrigeration has failed. The signal permitted resetting only by the authorized person.	94	4
The vaccines issued on a FIFO method and guided by the expiry date	98	0
There was a contingency plan in case of power failure, equipment breakdown, or cold chain breach	87	11
General Storage Areas		
There were Secure measures to ensure that rejected vaccines cannot be used. Rejected vaccines are stored separately from other products while awaiting destruction or return to the supplier	98	0
There are written procedures and a sanitation program indicating the frequency of cleaning and the methods used to clean the premises and storage areas.	98	0
There was a cleaning log that must be completed, signed, and checked by the appropriately designated person.	0	98
There were appropriate written procedures for the clean-up of any spillage to ensure the complete removal of any risk of contamination	2	96
Storage Conditions		

Observations/Findings	Number of Compliant Facilities	Number of Non-Compliant Facilities
The storage conditions of the refrigerators are as per the vaccine manufacturer's recommendations (Refrigerated (2°C to 8°C))	90	8
There were continuous temperature monitoring devices. In addition, there were written procedures describing the action in case of temperature deviating outside of the set standards and conditions.	91	7
The store had stock in the Cold Room and were physical counted and grouped per vaccine and Batch Numbers	98	0

In view of the above, the Special Audit Team confirmed that 96 of the 98 Migori County Covid-19 vaccinating facilities did not have written procedures on sanitation, clean-up of any spillage. None of the 98 vaccinating facilities maintained cleaning logs. Further, 11 facilities lacked contingency plans on power failure, equipment breakdown, or cold chain breach.

3.3. Distribution of Vaccines

3.3.1. Distribution at County Level

Documents provided for audit revealed that Covid-19 Vaccines on arrival in the Country ideally should be transferred to the Central Stores which in turn distributes to the Regional Stores. The Regional Stores were then to distribute to the County Stores, which in turn distributes to Sub County Stores and to Facilities. However, this was not always the case for Migori County.

The County had its store at Suna East Sub County from where the distribution to other Sub County stores took place. The County Store received from the Regional Store. All dispatches from the 8 Sub-Counties to the facilities were done manually through order sheets and recorded in vaccines stock ledger books for later upload in the Chanjo System.

The 508,530 vaccines received in Migori County as at 31 March, 2022 were distributed as summarized below in Table 6 and detailed in **Appendix 5**:

Table 6: Distribution at County Level

Vaccine Type	Distributed to Sub- County Stores	Distributed to Facilities in Migori	In stock	Variance between Sub-Counties and Facilities distribution
Moderna	40,880	42,358	0	(1,478)
Janssen (Ad26.COv2-S)	119,780	92,134	19,517	8,129
Oxford/AstraZeneca	143,120	143,072	4	44
Pfizer	204,750	206,492	0	(1,742)
Total	508,530	484,056	19,521	4,953

According to the National Policy Guidelines on Immunization, 2013, storage and transportation of vaccines and diluents, at all stages of vaccine transportation, a cold chain monitor must always accompany all vaccines whether in cold boxes, vaccine carriers or portable fridges and the temperature reading must be maintained between +2°C and +8°C, including age of conditioned ice packs. Diluents need not be transported at +2°C to +8°C unless they are being transported for outreach activities.

The special audit team noted that the County used the existing channels for routine vaccines for the distribution of Covid-19 vaccines. There was also no budget for the incidental costs for distributing and collection of vaccines.

3.4. Utilization of Vaccines

Ordinarily, Covid-19 vaccines flow through four levels before being administered; National Vaccine Store (NVS), Regional Vaccine Stores (RVS), Sub County Vaccine stores (SCVs) and Health Facilities. Utilization of vaccines including Covid-19 vaccines takes place at vaccinating facility.

Examination of records maintained in the Chanjo System revealed that as at 31 March, 2022, 508,530 Covid-19 vaccine doses had been received in the County. Documents provided for audit revealed that all the 98 facilities except for the 11 outreach facilities had been mapped in the Chanjo System.

Out of the total 508,530 Covid- 19 vaccine doses received 405,667 vaccine doses were administered, 29,905 were in stock while the balance of 35,264 was either expired, damaged or had gone to waste as at 31 March, 2022 as summarized below in Table 7 and detailed in **Appendix 6**. There was however an unexplained deficit variance of 37,694 vaccines doses.

Table 7: Utilization of Vaccines

Vaccine Type	Doses Received	Doses Administered	Doses In Stock	Doses Expired	Doses Damaged	Doses Wasted	Unexplained Variance Doses	Estimate Price per Dose (Kshs)	Total Amount (Kshs)
Janssen	40,880	33,352	70	216	894	1,356	4,992	505	2,520,960
Moderna	119,780	71,580	29,157	80	1,575	1,376	16,012	753	12,057,036
Oxford/AstraZeneca	143,120	124,125	564	1590	10,477	3,233	3,131	446	1,396,426
Pfizer	204,750	176,610	114	486	10,303	3,678	13,559	670	9,084,530
Total	508,530	405,667	29,905	2,372	23,249	9,643	37,694		25,058,952

3.4.1. Administered Doses

The Chanjo System indicates that a total of 384,436 doses had been administered in the County between 1 March, 2021 and 31 March, 2022. The vaccine doses administered are as summarised below:

Vaccine Type	First Doses	Second Doses	Booster Doses	TOTAL
Moderna	15,642	6,998	15	22,655
Pfizer	86,217	33,565	2,035	121,817
Oxford/AstraZeneca	105,339	59,374	2,195	166,908
Janssen (Ad26.COV2-S)	72,874	182 ¹	0	73,056
Total	280,072	100,119	4,245	384,436

¹ The records pulled from the Chanjo Systems indicates 182 second vaccine doses for Janssen. It could not be established how a second dose of the Vaccine could be recorded in Chanjo System as it is a single dose vaccine.

The disparity between the administered doses of 405,677 in the trackers used during audit and the administered doses from the Chanjo System of 384,436 for the same period of (1

March, 2021 and 31 March, 2022) was attributed to retrospective entries of vaccinations into the System.

3.4.2. Expired Doses

These are vaccine doses that had not been administered by the manufactures use by date indicated on the vials totalling to 2,372 doses. None had been disposed off by the time of the Special Audit in May 2022. Expired doses from the facilities were reported to have been sent to Sub County Stores, which in turn transported the same to the Regional Vaccines Store.

The Special Audit Team noted that out of the 2,372 expired vaccine doses, 1,242 were received by various facilities when the vaccines were remaining with a useful shelf life of 4 to 31 days. A further 360 vaccine doses were received after their expiry date.

Batch	Date of Receipt	Batch	Expiry	Days to Expiry	Vaccine Doses
32131BD	27-Jan-22	31-Jan-22		4	12
ACB1252	28-Jan-22	28-Feb-22		31	330
210216	13-Feb-22	28-Feb-22		15	900
Total					1242
NN0195	03-May-22	31-Mar-22		(33)	10
210217	28-Feb-22	29-Nov-21		(91)	350
Total					360

3.4.3. Damaged Doses

These were vaccines that were not administered as the vaccine vials had been damaged. All the 23,249 damaged vaccine doses in Migori County had been disposed off by the time of the Special Audit in May 2022.

3.4.4. Wasted Doses

These were vaccine doses that were not administered due to failure to utilize within the stipulated timelines upon opening of the vial. 9,643 vaccine doses were reported wasted in the County and had been disposed off by the time of the Special Audit in May 2022.

3.4.5. Unexplained Vaccine Variances

Documents provided for audit revealed that 508,530 vaccine doses received in the County. However, reconciliation of the vaccines received, administered, in stock, expired,

damaged and wasted revealed an unexplained deficit variance of 37,694 doses valued at Kshs 25,058,952.

The following weaknesses were observed during the audit that could have contributed to the unexplained deficit variance: -

- i. Wastages not reported at the facilities;
- ii. Vaccines doses utilized during the outreaches or in facilities not defined in the Chanjo System may not have been subsequently updated; and
- iii. Vaccination data was not entered accurately, causing over-administration in some batches and under-administration in others.

3.5. Disposal of Vaccines

The Special Audit noted that a total of 35,264 expired doses as at the time of the audit. However, 35,146 damaged and wasted vaccine doses had been disposed off.

Review of documents provided for audit revealed non-compliance with the disposal requirements as per Section 6.1 of the WHO Standard Operating Procedures (SOP) on waste management of Covid-19 vaccines vials and ancillary supplies. The procedure states that any used or discarded Covid-19 vaccine vials **MUST** be collected safely and separately from the rest of the waste. Both the empty vials and those with remaining vaccine doses discarded at the end of the daily vaccination activity shall be collected and safely stored until they are collected for final treatment and disposal. These vials should be counted and recorded by the responsible team for the purpose of vaccination activity analysis (e.g. utilization, coverage, wastage, etc.). Further, Section 6.6 provides that neutralized Covid-19 vaccine vials can be safely disposed in a manner that is not accessible or reusable, and neither being an environmental nor a health threat. The findings on disposal of vaccines are as summarized below in **Table 8** and detailed in **Appendices 7 and 8**.

Table 8: Disposal of Vaccines

Observation/Findings	County and Sub County Stores		Facilities	
	Compliant	Non- Compliant	Compliant	Non-Compliant
Lack of a waste management plan	8	0	98	0
Lack of budget for disposal of Covid-19 waste	0	8	17	81
Lack of NEMA clearance when transporting Covid-19 waste from one county to another or from one region to another for stores without a NEMA approved Waste Disposal Site	N/a	N/a	N/a	N/a
Failure to record or to account vaccine vials in the vaccine inventory report	0	8	76	22
Failure by the County/Store to fill any application form for disposal of pharmaceutical waste issued by the Pharmacy and Poisons Board in compliance with the Guidelines for safe management of pharmaceutical waste	0	8	N/a	N/a
Failure to dispose in a NEMA approved pharmaceutical disposal site in compliance with the Guidelines for safe management of pharmaceutical waste	0	8	0	98
Disposal of pharmaceutical waste without supervision by a Pharmacy and Poisons Board inspector OR Public Health Officer in compliance with the Guidelines for safe management of pharmaceutical waste	0	8	0	98
Disposing without a certificate of safe disposal of pharmaceutical waste in compliance with the Guidelines for secure management of pharmaceutical waste	N/a	N/a	81	17
Disposing pharmaceutical waste without separating from the sharp waste and other	N/a	N/a	51	47

Observation/Findings	County and Sub County Stores		Facilities	
	Compliant	Non- Compliant	Compliant	Non-Compliant
healthcare wastes and the different wastes not securely packaged in plastic bags or rigid containers which are clearly labelled as per the Guidelines for safe management of pharmaceutical waste and WHO Waste management of used Covid-19 vaccines vials and ancillary supply				
Failure to have a pharmaceutical waste stored in designated quarantine stores and away from usable pharmaceutical	N/a	N/a	12	86
Lack of an incinerator, burning chamber or burning pit	N/a	N/a	34	64

In the circumstance, the undisposed expired vaccines may pose a health risk to the general public and the health officers. Further, the audit revealed that disposal of the 35,146 of the damaged and wasted vaccines in 17 out of the 98 facilities did not comply with the guidelines provided by WHO on waste management of used Covid-19 vaccines vials and ancillary supply. Further, 3 of the 8 Sub County Stores and 81 of the 98 vaccinating facilities did not have any evidence of safe disposal of pharmaceutical waste in compliance with the guidelines for secure management of pharmaceutical waste.

3.6. Human Resource Matters

Training at County Level

The health care workers were to be trained and were required to be competent on; knowledge on Covid-19 disease; knowledge and skills in Covid-19 Vaccine demand creation, health facility preparation, safe vaccine administration, infection control practices, patient data management, adverse event reporting and management, documentation and monitoring of vaccine utilization and logistics, communication, waste management, mental health and multi-disciplinary team work.

Immediately after the Covid-19 vaccines were rolled out, trainings for different levels of personnel in the National and County Governments were conducted. Migori County Health Management team indicated that trainings in all the County was undertaken through the support of Partners. However, other than the budget allocations by County and Sub County no other supporting documentation was provided for audit review to support partnership agreements. In addition, the training plan, training timetable, venue, trainee selection criteria, training timetable, venue and training reports were not provided for audit review. Further, the Special Audit noted that the number of trained Healthcare Workers was lower than the facilities administering Covid-19 Vaccines.

Review of the documents provided for audit revealed anomalies as summarized below and detailed in **Appendices 9 and 10**.

Table 9: Training at County Level

Observation/Findings	Sub County Stores		Facilities	
	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant
County and Sub- Counties were not represented in National training for ToT.	8	0	N/a	N/a
Counties and Sub- Counties Health Management Team not trained on Covid-19 immunization	8	0	98	0
Trainings not well spread to all necessary cadres	8	0	N/a	N/a
Lack of a training plan and trainings not done as per training plan	0	8	N/a	N/a
Lack of a specific training budget for Covid-19 immunization	0	8	N/a	N/a
Variance between budget and actual expenditure for training on Covid-19 vaccination.	0	8	N/a	N/a
Lack of details including designation, attendance dates, financing of staff at national/county/Sub County/facility	8	0	98	0
Lack of adequate staff to carry out the Covid-19 vaccination	N/a	N/a	24	74
Lack of separation of roles and duties	N/a	N/a	0	98
Lack of prior training on Covid-19 including vaccine administration	N/a	N/a	98	0

Observation/Findings	Sub County Stores		Facilities	
	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant
Failure to use trained staff to train other staff	N/a	N/a	98	0

In the foregoing, the Special Audit Team could not establish the adequacy of Human Resources engagement in the Covid-19 vaccines roll out programme.

3.7. Coordination of players

Coordination at County Level

According to the National Covid-19 Vaccine Deployment Plan 2021, the County Emergency Covid-19 Response Committee were to be adopted to form the Steering Committee. Review of documents provided for audit at the Counties, Sub- Counties and Facilities revealed anomalies as summarized below and detailed in **Appendices 11, 12 and 13**

Table 10: Coordination at County Level

Observation/Findings	County	Sub County Stores		Facilities	
	Non-Compliance in County	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant
Failure to form coordination taskforce/committee	8	0	8	N/a	N/a
Task force /committee without terms of reference (TOR)	0	8	0	N/a	N/a
Failure to comply with the TORS	8	0	8	N/a	N/a
Lack of directives/advisory/instruction from higher levels in the Covid-19 Vaccine management	0	8	0	98	0
Lack of upward/downward communication in Covid-19 Vaccine Roll out	0	8	0	98	0
Lack of committee meetings	8	0	8	N/a	N/a
Failure to carry out advocacy	6	2	6	98	0
Failure to carry out mobilization	5	3	5	98	0
Failure to carry out mobilization outreaches	5	3	5	98	0

From the foregoing, six out of the twelve Sub Counties which had a co-ordination task force did not have any documentation on the Terms of Reference, thus it was not possible to establish compliance.

3.8. Monitoring and Supervision

Monitoring and Supervision at the County and Facilities Level

Review of documents provided for audit at the various levels of Covid-19 management revealed anomalies as summarized in **Table 11** below and detailed in **Appendices 14, 15 and 16**.

Table 11: Monitoring and Supervision at the County and Facilities Level

Observation/Findings	County		Sub County Stores		Facilities	
	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant
Lack of a designated officer as an in charge for monitoring Covid-19 vaccine roll out	1	0	8	0	N/a	N/a
Lack tablets from the Ministry	1	0	8	0	33	65
Tablet not in good working conditions	N/a	N/a	8	0	25	8
Personnel involved in the rollout not facelifted by air time	0	1	0	8	0	98
Lack of mechanism/measures where patients could report adverse effect after vaccination	1	0	0	8	96	2
Lack of Adverse effect booklet etc. that are required to report adverse effects	1	0	2	6	93	5
Failure to monitor temperature during transportation of vaccines	N/a	N/a	7	1	88	10
Failure to record temperature every morning and evening in the temperature monitoring chart/tool	N/a	N/a	8	0	90	8

Observation/Findings	County		Sub County Stores		Facilities	
	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant	Number of Compliant	Number of Non-Compliant
Failure to monitor for the expiry of the vaccines	N/a	N/a	8	0	98	0
Failure to monitor the Pfizer and Moderna vaccines for the 30 days expiry period after thawing	N/a	N/a	8	0	98	0

In view of the above, 10 facilities failed to monitor temperatures during transportation of vaccines while another 8 facilities failed to maintain record of temperatures. As a result it was not be possible to ascertain deviations beyond the acceptable standards set by WHO. Further, all the 8 Sub Counties and 33 facilities out of the 98 vaccinating facilities had received tablets from the MOH for use in recording vaccine receipts and administration. Of the 33 facilities that had received the tablets, 8 facilities reported their tablets as faulty. The 8 Sub Counties and the 33 facilities reported not having received the monthly airtime. Consequently, there was inconsistency in the release of the monthly airtime for the tablets in the facilities and the Sub Counties.

4.0 IRREGULARITIES AND WEAKNESSES IN MANAGEMENT AND CONTROLS OF VACCINES IN INSTITUTIONS

4.1. Irregularities and Weaknesses at the County and Sub County Level

The following irregularities and weaknesses and the corresponding recommendations were observed by the Special Audit at the Migori County and Sub County levels.

Table 12: Irregularities and Weaknesses at the County and Sub County Level

	Irregularities and Weaknesses	Recommendations
1.	Inconsistent use and delays in updating of the Chanjo System.	Proper accountability of vaccines receipts, issues and utilization should be done consistently using the Chanjo System
2.	Most of the facilities that were not defined in the Chanjo system were using eLMIS which is not the official system for the Covid-19 vaccine roll out and vaccine doses management. Consequently, there were notable inaccuracies and incompleteness of records	We recommend use of the Chanjo System to account for covid-19 vaccines. For those facilities not in Chanjo System, we recommend that they are defined for accountability purposes.
3.	Inadequate staffing of the vaccinators who doubled up to register the people being vaccinated	The County Government should have adequate number of staff in their health facilities to meet the increasing demand for the services
4.	The health records information officers/data clerks would at times feed in the system wrong batch numbers and wrong dates for vaccine administration. There would be instances of late data entries leading to loss of data where the information captured manually was not clear.	The County should do follow-ups and reviews of work done by the officers to improve service delivery. Data should be captured on a real or near real time basis in the Chanjo system.
5.	Lack of proper inventory records on the tablets in regard to distribution up to the facility level and condition of the tablets.	The County Government should maintain proper and up-to-date inventory records on the tablets under custody of the County and undertake regular maintenance.

5.0 CONCLUSION

The objective of the Special Audit was to determine the efficiency and effectiveness of the Covid-19 vaccine roll out in Migori County. Following the findings, the County should ensure that all vaccinating facilities are defined in the Chanjo System, and effective supervision of the activities at the County, Sub County and facilities on all matters relating to receipts, issues and administration of vaccines is instituted.

The above weaknesses resulted in an unexplained variance (deficit) of 37,694 of vaccine doses valued at Kshs 25,058,952 based on the average Vaccine cost during the period.

The County should also adhere to the cold chain and supply logistics guidelines as issued by WHO and MOH. In order to meet the increasing demand for health service, there is need to continuously assess the adequacy of health workers and build their capacity for effective service delivery to the citizens of Migori County.


CPA Nancy Gathungu, CBS
AUDITOR-GENERAL

24 June, 2022

Nairobi

6.0 APPENDICES

Appendix 1: Vaccinating Facilities in Migori County

Sub-County	Sub-County Store	Facilities under Sub-County	Defined In Chanjo System
Suna East	Migori County Referral Hospital	Nyamage Dispensary	Yes
		Anjengo Dispensary	Yes
		GK Prison Dispensary (Migori)	Yes
		Ondong Dispensary	Yes
		Suna Rabuor Dispensary	Yes
		St Joseph Mission Hospital	Yes
		Saro Dispensary	Yes
		Osiogo Dispensary	Yes
		Ogwedhi Health Centre	Yes
		Nyarongi Dispensary	Yes
		God Jope Dispensary	Yes
		Migori County Referral Hospital	Yes
		Midoti Dispensary	Yes
		Enockhan Hospital	Yes
Suna West	Nyamaraga Sub-County Hospital	Giribe Dispensary	Yes
		Pastor Machage Memorial Hospital	Yes
		Oruba Nursing And Maternity Home	Yes
		Oruba Dispensary	Yes
		Ojele Memorial Hospital	Yes
		Nyamaraga Health Centre	Yes
		Akidiva Memorial Hospital	Yes
		Ogada Dispensary	No
		God Kwer Dispensary	No
		Suna Ragana Dispensary	No
		Magacha Dispensary	No
		Bondo Dispensary	No

Sub-County	Sub-County Store	Facilities under Sub-County	Defined In Chanjo System
Kuria East	Kegonga Sub-County Hospital	Wima Hospital	Yes
		Ntimaru Sub-district Hospital	Yes
Kuria West	Kehancha Mother & Child Hospital	Kegonga Sub County Hospital	Yes
		Samjomen Hospital	Yes
		Kehancha Mother & Child Hospital	Yes
		Isibania Sub-district Hospital	Yes
		Chinato Dispensary	No
		Kemakoba Dispensary	No
		Kugitumo Dispensary	No
		Siabai Makonge Dispensary	No
		Makararangwe Dispensary	No
		Taragai Dispensary	No
		Agenga Dispensary	Yes
		Aego Sagenya Dispensary	Yes
Nyatike	Macalder Sub-district Hospital	Aneko Dispensary	Yes
		Yago Dispensary	Yes
		Winjo Dispensary	Yes
		Wath Onger Dispensary	Yes
		Apilo Dispensary	Yes
		Thim Lich Dispensary	Yes
		Got Orango Dispensary	Yes
		Nyamanga Dispensary	Yes
		Nyamongo Dispensary	Yes
		Kanga Onditi Dispensary	Yes
		Bande Dispensary	Yes
		Ogongo Community Dispensary	Yes
		Muhuru Bay Vct Centre (nyarami)	Yes
		Lwanda Konyango Vct Centre (nyarami)	Yes
		Obware Dispensary	Yes
		Got Kachola Dispensary	Yes

Sub-County	Sub-County Store	Facilities under Sub-County	Defined In Chanjo System
Uri	Uri Sub-county Hospital	Nyakurungoto Dispensary	Yes
		Namba Kodero Dispensary	Yes
		Mugabo Dispensary	Yes
		Kombato Dispensary	Yes
		Kipingi Dispensary	Yes
		Diruma Dispensary	Yes
		Kabuto Dispensary	Yes
		Kadem Tb & Leprosy Dispensary	Yes
		Karungu Sub-district Hospital	Yes
		St Camillus Mission Hospital	Yes
		Sori Lakeside Nursing And Maternity Home	Yes
		Kituka Dispensary	Yes
		Othoch Rakuom Dispensary	Yes
		Otati Dispensary	Yes
		Olas Dispensary	Yes
		Ochuna Dispensary	Yes
		Nyandago Koweru Dispensary	Yes
		Ndiwa Dispensary	Yes
		Macalder Sub-district Hospital	Yes
		Uri Sub-county Hospital	Yes
		Wanginya Dispensary	Yes
		Thim Joep Dispensary	Yes
		St Monica Rapogi Hospital	Yes
		Sibuoche Dispensary	Yes
		Rae Kondiala Dispensary	Yes
		Piny Owacho Dispensary	Yes
		Bware Health Centre	Yes
		Oyani Sub-county Hospital	Yes
		Oyani Sda Dispensary	Yes
		Othoro Sub-County Hospital	Yes

Sub-County	Sub-County Store	Facilities under Sub-County	Defined In Chanjo System
Awendo		Osogo Dispensary	Yes
		Ongito Dispensary	Yes
		Omulo Dispensary	Yes
		Ombo Dispensary	Yes
		Nyasoko Dispensary	Yes
		Kamsaki Dispensary	Yes
		Nyamasare Dispensary	Yes
		Nyamage Dispensary	Yes
		Midida Dispensary	Yes
		Lwala Nyarango Dispensary	Yes
		Koringo Dispensary	Yes
		Kolwal Dispensary	Yes
		Koloo Dispensary	Yes
		Nyakuru Dispensary	Yes
Rongo	Awendo Sub-County Hospital	Dede Dispensary	Yes
		Ulanda Dispensary	Yes
		Rapcom Nursing And Maternity Home	Yes
		Rabondo Dispensary	Yes
		Kwoyo Kodalo Dispensary	Yes
		Awendo Sub-County Hospital	Yes
		Royal Nursing Home	Yes
		Rongo Sub-County Hospital	Yes
		Bware Health Centre	Yes

Appendix 2: Budget at County and Sub County Level – Migori County

TOR	B1	B2	B3	B4	B5	B6	B7	B8
Awendo	No	Yes	No	No	No	No	No	No
Kuria East	No	Yes	No	No	No	No	No	No
Kuria West	No	Yes	No	No	No	No	No	No
Nyatike	No	Yes	No	No	No	No	No	No
Rongo	No	Yes	No	No	No	No	No	No
Suna West	No	Yes	No	No	No	No	No	No
Suna-East	No	Yes	No	No	No	No	No	No
Uriiri	No	Yes	No	No	No	No	No	No
COMPLIANT	0	0	0	0	0	0	0	0
NON-COMPLIANT	8	0	8	8	8	8	8	8

KEY/DETAILS:

B 1	Was the associated Covid-NO9 vaccination costs, including transportation, training and procurement of auxiliary services such as syringes and safety boxes, budgeted for?
B 2	Did the county receive any covid NO9 related budgetary support from donors/National government?
B 3	Did the county spend on Covid NO9 vaccination?
B 4	Did the sub county/Facility finance the following costs related to covid 19 vaccination:
B 5	i) Distribution of Vaccines/
B 6	ii) Outreaches
B 7	iii) Trainings
B 8	iv) Acquisition of auxiliary items (Temperature monitoring tools, Adverse effect reporting booklet, Needles etc.)?

Appendix 3: Storage at Sub County Level – Migori County

SUB COUNTY	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
Awendo	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes
Kuria East	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Kuria West	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Nyatike	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Rongo	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Suna East	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Suna West	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	No
Uriiri	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes
COMPLIANT	4	6	5	8	8	8	8	8	8	0	0	0	0	8	6	8	8	8	7
NON-COMPLIANT	4	2	3	0	0	0	0	0	0	0	8	8	8	0	2	0	0	0	1

KEY/DETAILS

S1	Does the building have sufficient security to prevent loss of Covid vaccines as well as prevent unauthorized access?
S2	Is there sufficient space for orderly receipt, warehousing, and dispatch of vaccines? In particular, a quarantine area for isolation when necessary, including isolation of faulty packs and recalled goods? (The vaccines and areas concerned should be appropriately identified.)
S3	Are the Broken or damaged items withdrawn from usable stock and stored separately?
S4	Is there sufficient lighting necessary to enable all operations to be carried out accurately and safely?
S5	Are all Covid-19 vaccines stored off the floor?
S6	Are Refrigerated and freezing storage environments fitted with signals to indicate that refrigeration has failed? (The signal should permit resetting only by the authorized person.)
S7	Are the vaccines issued on a FIFO method and guided by the expiry date?
S8	Is there a contingency plan put in place in case of power failure, equipment breakdown, or cold chain breach?
S9	Are there Secure measures to ensure that rejected vaccines cannot be used? Are they stored separately from other products while awaiting destruction or return to the supplier?

S10	Are there Written procedures and a sanitation program indicating the frequency of cleaning and the methods used to clean the premises and storage areas?
S11	Is there a cleaning log that must be completed, signed, and checked by the appropriately designated person?
S12	Is there a written procedure and a program for pest control? Do the pest control agents used pose any risk of contaminating the vaccines? (A site flow plan indicating where the bait stations are situated must be available.)
S13	Are there appropriate written procedures for the clean-up of any spillage to ensure the complete removal of any risk of contamination?
S14	Are the COVID 19 vaccines stored in such a way as to prevent contamination or cross-contamination?
S15	Are the storage conditions compatible with the storage conditions specified on their labels? (Storage facilities should protect goods from deterioration.)
S16	Are the warehouse maintained at a temperature not exceeding 30 °C, and relative humidity not exceeding 75% Relative humidity (WHO zone IVb requirements) at all times?
S17	Are the storage conditions of the refrigerators per the vaccine manufacturer's recommendations? (Refrigerated (2°C to 8°C))
S18	Are there continuous temperature monitoring devices? If yes, are there Written procedures describing the action in case of temperature deviating outside of the set standards and conditions?
S19	Dose the county have any stock in the Cold Room? If yes perform Physical count of Doses in the cold room (Grouped per vaccine and Batch No.) and populate the remarks and hyperlink in the remarks column a paper tabulating the results of the count.

Appendix 4: Storage at Facility Level – Migori County

Sub-County	Facility	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	ST11	ST12
Awendo	Awendo Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Dede Health Centre	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Kwoyo Kodalo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyakuru Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Rabondo Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
Kuria East	Rapcom Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ulanda Mission Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Kegonga Sub County Hospital	No	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ntimaru Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Wima Hospital	No	YES	YES	YES	YES	YES	YES	YES	No	No	No	YES
Kuria West	Isebania Sub-county Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Kehancha Sub-county Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Samjomen Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Aego Sagenya Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ageng'a Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
Nyatike	Aneko Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Apilo Dispensary	No	YES	YES	YES	YES	YES	No	YES	No	No	YES	YES
	Bande Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Duruma Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Got Kachola Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Got Orango Dispensary	YES	YES	YES	YES	No	YES	No	YES	No	No	No	YES
	Kabuto Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Kadem Tb And Liprosy	YES	YES	YES	YES	YES	YES	YES	YES	No	No	No	No
	Kambato Dispensary	YES	YES	YES	YES	YES	YES	No	YES	YES	YES	YES	YES
	Kanga Onditi Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Karungu Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	Kipingi Dispensary	YES	YES	YES	YES	YES	YES	No	YES	No	No	YES	YES
	Kituka Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	No

Sub-County	Facility	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	ST11	ST12
	Lwanda Dispensary	YES	YES	YES	YES	No	YES	No	YES	No	No	No	No
	Macalder	No	YES	YES	YES	No	YES	YES	YES	No	No	No	
	Mugambo Dispensary	YES	YES	YES	YES	YES	YES	No	YES	No	No	YES	YES
	Muhuru Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Namba Koder Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ndiwa Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyakurungoto Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyamanga Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyamongo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyandango Koweru	No	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Obware Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ochuna Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ogongo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Olas Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Otati Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Othoc Rakuom Dispensary	No	YES	YES	YES	YES	YES	No	YES	No	No	YES	YES
	Saint Camillas Sori	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Sori Lake Side Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Thim Lich Dispensary	YES	YES	YES	YES	YES	YES	No	YES	No	No	YES	YES
	Wath Ong'er Dispensary	YES	YES	YES	YES	No	YES	YES	YES	No	No	No	No
	Winjo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Yago Dispensary	YES	YES	YES	YES	YES	YES	No	YES	No	No	YES	No
Bongo	Lwala Community Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Rongo Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Royal Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
Suna West	Akidiva Memorial Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Giribe Dispensary	No	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyamaraga Sub County Hospital	No	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ojele Memorial Hospital	YES	YES	YES	YES	YES	YES	No	YES	No	No	No	No
	Oruba Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES

Sub-County	Facility	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	ST11	ST12
	Oruba Nursing Home	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Pastor Machanje Hospital	YES	YES	YES	YES	YES	YES	No	YES	No	No	No	No
Suna East	Anjogo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Enockhan	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	GK Prison Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	God Joje Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Midoti Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Migori County Referral Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyamanga Nyaliande Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyarongi Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ogwedhi Health Centre	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ondong' Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Osingo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Saro Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	St. Joseph Mission Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Suna Rabuor	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
Uriri	Bware Health Centre	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Kamsaki Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Koloo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Kolwal Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Koringo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Lwala Nyarago Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Midida Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyamage Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyamasare Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Nyasoko Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ombo Kowiti Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Omulo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Ongito Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Osogo Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES

Sub-County	Facility	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	ST11	ST12
	Othoro Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Oyani Sda Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Oyani Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Piny Owacho Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Rae Kondiala Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Sibucho Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	St. Monica Rapogi	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Thim Joje	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Urii Sub County Hospital	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
	Wangiya Dispensary	YES	YES	YES	YES	YES	YES	YES	YES	No	No	YES	YES
COMPLIANT		90	98	98	98	94	98	87	98	2	2	90	90
NON-COMPLIANT		8	0	0	0	4	0	11	0	96	96	8	8

KEY/DETAILS:

ST1	Is the refrigerator well secured to prevent unauthorized access?
ST2	Were broken or damaged items withdrawn from usable stock and stored separately?
ST3	Is there sufficient lighting necessary to enable all operations to be carried out accurately and safely?
ST4	Are all Covid-19 vaccines (Fridge) stored off the floor?
ST5	Is the Refrigerator is fitted with signals to indicate that refrigeration has failed? (The signal should permit resetting only by the authorized person.)
ST6	Are the vaccines issued on a FIFO method and guided by the expiry date?
ST7	Is there a contingency plan in case of power failure, equipment breakdown, or cold chain breach
ST8	Are there measures to ensure that rejected vaccines cannot be used? (They should be stored separately from other products while awaiting destruction or return to the supplier)
ST9	Are there written procedures and a sanitation program indicating the frequency of cleaning and the methods used to clean the premises and storage areas (There should be a chart on the wall that i signed after every cleaning and a poster giving cleaning instructions)

ST10	Are there appropriate written procedures for the clean-up of any spillage to ensure the complete removal of any risk of contamination?
ST11	Are the storage conditions of the refrigerators per the vaccine manufacturer's recommendations? (Refrigerated (2°C to 8°C))
ST12	Is there Continuous temperature monitoring devices? If Yes, are there Written procedures describing the action in case of temperature deviating outside of the set standards and conditions?

Appendix 5 – Distribution to Migori County vaccinating Facilities as at 31 March 2022

Vaccine	Sub County	Facility	Total
Janssen (Ad26.COV2_S)	Suna East	Anjogo Dispensary	780
	Suna East	GK Prison Dispensary (Migori)	325
	Suna East	God Jope Dispensary	480
	Suna East	Midoti Dispensary	560
	Suna East	Migori County Referral Hospital	3,780
	Suna East	Nyamanga Nyaliande	200
	Suna East	Nyarongi Dispensary	575
	Suna East	Ogwedhi Health Centre	880
	Suna East	Ondong Dispensary	180
	Suna East	Osiogo Dispensary	300
	Suna East	Saro Dispensary	410
	Suna East	St. Josephs mission	265
	Suna East	Suna Rabuor Dispensary	265
	Suna West	Akidiva memorial hospital	1,450
	Suna West	Arombe Dispensary	700
	Suna West	Bondo Dispensary	350
	Suna West	Giribe Dispensary	750
	Suna West	Kopanga Dispensary (GoK)	250
	Suna West	Lifecare Hospital Migori	150
	Suna West	Nyamaraga sub county hospital	1,505
	Suna West	Nyamalu Dispensary	150
	Suna West	Ojele memorial hospital	250
	Suna West	Oruba Dispensary	3,255
	Suna West	Oruba Nursing And Maternity Home	1,460
	Suna West	PASTOR MACHAJE HOSPITAL	2,560
	Kuria East	Kegonga subcounty hospital	4,655
	Kuria East	Ntimaru sub county hospital	3,405
	Kuria East	Wima Hospital	1,260
	Kuria West	Isebania subcounty hospital	3,876

Vaccine	Sub County	Facility	Total
	Kuria West	Kehancha subcounty hospital	4,820
	Kuria West	Samjomen hospital	3,800
	Awendo	Awendo subcounty hospital	3,130
	Awendo	Dede Health Centre	710
	Awendo	Kwoyo Kodalo Dispensary	510
	Awendo	Nyakuru Dispensary	1,006
	Awendo	Rabondo Dispensary	1,430
	Awendo	Rapcom hospital	50
	Awendo	Ulanda mission hospital	1,140
	Rongo	Lwala Community Hospital	300
	Rongo	Rongo subcounty hospital	18,360
	Uriiri	Bware Health Center	140
	Uriiri	Kamsaki Dispensary	182
	Uriiri	Koloo Dispensary	255
	Uriiri	Kolwal Dispensary	60
	Uriiri	Koringo Dispensary	44
	Uriiri	Lela Dispensary	375
	Uriiri	Lwala Nyarago Dispensary	250
	Uriiri	Midida Dispensary	220
	Uriiri	Nyamage Dispensary	150
	Uriiri	Nyamasare Dispensary	310
	Uriiri	Nyasoko Dispensary	364
	Uriiri	Ombo Kowiti Dispensary	192
	Uriiri	Omulo Dispensary	230
	Uriiri	Ongito Dispensary	200
	Uriiri	Osogo Dispensary	270
	Uriiri	Othoro subcounty hospital	510
	Uriiri	Oyani (Sda) Dispensary	400
	Uriiri	Oyani subcounty hospital	680
	Uriiri	Piny Owacho Dispensary	450
	Uriiri	Rae Kondiala Dispensary	265

Vaccine	Sub County	Facility	Total
	Uriri	Sibuoché Dispensary	150
	Uriri	St Monica Rapogi Hospital	670
	Uriri	Thim Joje Dispensary	370
	Uriri	Uriri subcounty hospital	1,300
	Uriri	Wangiya Dispensary	815
	Nyatike	Aego Sagenya Dispensary	70
	Nyatike	Agenga Dispensary	1,050
	Nyatike	Aneko Dispensary	85
	Nyatike	Apilo Dispensary	100
	Nyatike	Bande Dispensary	60
	Nyatike	Diruma Dispensary	150
	Nyatike	Got Kachola Dispensary	415
	Nyatike	Got Orango Dispensary	25
	Nyatike	Kabuto Dispensary	50
	Nyatike	Kadem Tb & Leprosy Dispensary	65
	Nyatike	Kanga Onditi Dispensary	50
	Nyatike	Karungu subcounty hospital	2,190
	Nyatike	Kipingi Dispensary	50
	Nyatike	Kituka Dispensary	240
	Nyatike	Kombato Dispensary	110
	Nyatike	Luciel Dispensary	55
	Nyatike	Lwanda Dispensary	200
	Nyatike	Macalder subcounty hospital	2,815
	Nyatike	Mugabo Dispensary	95
	Nyatike	Muhuru sub county hospital	1,520
	Nyatike	Namba Kadero Dispensary	135
	Nyatike	Ndiwa Dispensary	50
	Nyatike	Nyakurungoto Dispensary	20
	Nyatike	Nyamanga Dispensary (Nyatike)	100
	Nyatike	Nyamanga Dispensary(Nyatike)	100
	Nyatike	Nyamongo Dispensary	150

Vaccine	Sub County	Facility	Total
	Nyatike	Nyandago Koweru Dispensary	250
	Nyatike	Obware Dispensary	435
	Nyatike	Ogongo Community Dispensary	100
	Nyatike	Olasi Dispensary	330
	Nyatike	Otati Dispensary	10
	Nyatike	Othoch Rakuom Dispensary	200
	Nyatike	St Camillus Health Centre	50
	Nyatike	St. Camillus Sori	255
	Nyatike	Thim Lich Dispensary	255
	Nyatike	Wath Onger Dispensary	1,035
	Nyatike	Winjo Dispensary	70
	Nyatike	Yago Dispensary	60
TOTAL-Janssen			92,134
Moderna	Suna East	Anjengo Dispensary	350
	Suna East	Enockhan Hospital	546
	Suna East	GK Prison Dispensary (Migori)	42
	Suna East	God Joep Dispensary	308
	Suna East	Midoti Dispensary	448
	Suna East	Migori County Referral Hospital	4,922
	Suna East	Nyamanga Nyaliande	204
	Suna East	Nyarongi Dispensary	434
	Suna East	Ogwedhi Health Centre	238
	Suna East	Osingo Dispensary	224
	Suna East	Saro Dispensary	112
	Suna East	St. Josephs mission	868
	Suna East	Suna Rabuor Dispensary	406
	Suna West	Akidiva memorial hospital	42
	Suna West	Giribe Dispensary	84
	Suna West	Nyamaraga sub county hospital	700
	Suna West	Ojele memorial hospital	238
	Suna West	Oruba Dispensary	112

Vaccine	Sub County	Facility	Total
	Suna West	Oruba Nursing And Maternity Home	112
	Suna West	Pastor Machaje Hospital	2,968
	Kuria East	Kegonga subcounty hospital	976
	Kuria East	Ntimaru sub county hospital	824
	Kuria East	Wima Hospital	426
	Kuria West	Isebania subcounty hospital	686
	Kuria West	Kehancha subcounty hospital	980
	Kuria West	Kuria East Sub County	56
	Kuria West	Samjomen hospital	644
	Awendo	Awendo Sub County	70
	Awendo	Awendo subcounty hospital	3,458
	Awendo	Dede Health Centre	350
	Awendo	Kwoyo Kodalo Dispensary	42
	Awendo	Nyakuru Dispensary	70
	Awendo	Rabondo Dispensary	356
	Awendo	Rapcom hospital	280
	Awendo	Rongo subcounty hospital	280
	Awendo	Ulanda Dispensary	112
	Awendo	Ulanda mission hospital	1,232
	Awendo	Urii subcounty hospital	70
	Rongo	Lwala Community Hospital	1,120
	Rongo	Rongo subcounty hospital	4,760
	Rongo	Royal hospital	140
	Urii	Awendo Sub County	70
	Urii	Koloo Dispensary	14
	Urii	Nyamage Dispensary	98
	Urii	Othoro subcounty hospital	1,176
	Urii	Oyani subcounty hospital	798
	Urii	St Monica Rapogi Hospital	28
	Urii	Urii subcounty hospital	3,290
	Nyatike	Agenga Dispensary	58

Vaccine	Sub County	Facility	Total
	Nyatike	Bande Dispensary	14
	Nyatike	Got Orango Dispensary	28
	Nyatike	Kanga Onditi Dispensary	28
	Nyatike	Karungu subcounty hospital	2,208
	Nyatike	Macalder subcounty hospital	1,978
	Nyatike	Mugabo Dispensary	14
	Nyatike	Muhuru sub county hospital	420
	Nyatike	Namba Kadero Dispensary	28
	Nyatike	Nyakurungoto Dispensary	28
	Nyatike	Olasi Dispensary	56
	Nyatike	Otati Dispensary	84
	Nyatike	Othoch Rakuom Dispensary	84
	Nyatike	St. Camillus Sori	1,512
	Nyatike	Yago Dispensary	54
Total-Moderna			42,358
Oxford/AstraZeneca	Suna East	Anjengo Dispensary	1,210
	Suna East	Enockhan Hospital	720
	Suna East	GK Prison Dispensary (Migori)	320
	Suna East	God Joje Dispensary	600
	Suna East	Midoti Dispensary	1,130
	Suna East	Migori County Referral Hospital	12,164
	Suna East	Nyamanga Nyaliande	350
	Suna East	Nyarongi Dispensary	920
	Suna East	Ogwedhi Health Centre	850
	Suna East	Ondong Dispensary	250
	Suna East	Osiingo Dispensary	370
	Suna East	Rongo subcounty hospital	200
	Suna East	Saro Dispensary	510
	Suna East	St. Josephs mission	1,404
	Suna East	Suna Rabuor Dispensary	640
	Suna West	Akidiva memorial hospital	632

Vaccine	Sub County	Facility	Total
	Suna West	Awendo Sub County	60
	Suna West	Giribe Dispensary	320
	Suna West	Nyamaraga sub county hospital	2,580
	Suna West	Ojele memorial hospital	980
	Suna West	Oruba Dispensary	2,360
	Suna West	Oruba Nursing And Maternity Home	960
	Suna West	PASTOR MACHAJE HOSPITAL	4,420
	Kuria East	Kegonga subcounty hospital	4,206
	Kuria East	Ntimaru sub county hospital	2,828
	Kuria East	Wima Hospital	1,382
	Kuria West	Isebania subcounty hospital	3,990
	Kuria West	Kehancha subcounty hospital	5,920
	Kuria West	Kuria West Sub County	100
	Kuria West	Migori County Referral Hospital	40
	Kuria West	Samjomen hospital	2,810
	Awendo	Awendo subcounty hospital	13,841
	Awendo	Dede Health Centre	1,030
	Awendo	Kwoyo Kodalo Dispensary	1,550
	Awendo	Nyakuru Dispensary	700
	Awendo	Rabondo Dispensary	1,460
	Awendo	Rapcom hospital	290
	Awendo	Ulanda Dispensary	440
	Awendo	Ulanda mission hospital	4,128
	Rongo	Lwala Community Hospital	2,200
	Rongo	Rongo subcounty hospital	18,823
	Rongo	Royal hospital	190
	Uriiri	Bware Health Center	540
	Uriiri	Kamsaki Dispensary	380
	Uriiri	Koloo Dispensary	220
	Uriiri	Kolwal Dispensary	110
	Uriiri	Koringo Dispensary	420

Vaccine	Sub County	Facility	Total
	Uriri	Lela Dispensary	220
	Uriri	Lwala Nyarago Dispensary	130
	Uriri	Midida Dispensary	430
	Uriri	Nyamage Dispensary	410
	Uriri	Nyamasare Dispensary	450
	Uriri	Nyasoko Dispensary	540
	Uriri	Ombo Kowiti Dispensary	300
	Uriri	Omulo Dispensary	350
	Uriri	Ongito Dispensary	130
	Uriri	Osogo Dispensary	350
	Uriri	Othoro subcounty hospital	2,010
	Uriri	Oyani (Sda) Dispensary	250
	Uriri	Oyani subcounty hospital	1,995
	Uriri	Piny Owacho Dispensary	310
	Uriri	Rae Kondiala Dispensary	380
	Uriri	Rongo Sub County	30
	Uriri	Sibuochi Dispensary	440
	Uriri	St Monica Rapogi Hospital	1,580
	Uriri	Thim Joje Dispensary	220
	Uriri	Uriri subcounty hospital	9,489
	Uriri	Wangiya Dispensary	430
	Nyatike	Aego Sagenya Dispensary	130
	Nyatike	Agenga Dispensary	200
	Nyatike	Aneko Dispensary	100
	Nyatike	Apilo Dispensary	20
	Nyatike	Bande Dispensary	150
	Nyatike	Diruma Dispensary	60
	Nyatike	Got Kachola Dispensary	430
	Nyatike	Got Orango Dispensary	140
	Nyatike	Kabuto Dispensary	10
	Nyatike	Kadem Tb & Leprosy Dispensary	40

Vaccine	Sub County	Facility	Total
	Nyatike	Kanga Onditi Dispensary	100
	Nyatike	Karungu subcounty hospital	5,926
	Nyatike	Kipingi Dispensary	60
	Nyatike	Kituka Dispensary	230
	Nyatike	Kombato Dispensary	150
	Nyatike	Luciel Dispensary	60
	Nyatike	Lwanda Dispensary	120
	Nyatike	Macalder subcounty hospital	4,304
	Nyatike	Mugabo Dispensary	250
	Nyatike	Muhuru sub county hospital	2,458
	Nyatike	Namba Kodero Dispensary	320
	Nyatike	Ndiwa Dispensary	450
	Nyatike	Nyakurungoto Dispensary	100
	Nyatike	Nyamanga Dispensary (Nyatike)	40
	Nyatike	Nyamongo Dispensary	50
	Nyatike	Nyandago Koweru Dispensary	200
	Nyatike	Obware Dispensary	260
	Nyatike	Ochuna Dispensary	200
	Nyatike	Ogongo Community Dispensary	100
	Nyatike	Olas Dispensary	780
	Nyatike	Otati Dispensary	280
	Nyatike	Othoch Rakuom Dispensary	380
	Nyatike	Sori lake side hospital	96
	Nyatike	St. Camillus Sori	1,456
	Nyatike	Thim Lich Dispensary	420
	Nyatike	Wath Onger Dispensary	460
	Nyatike	Winjo Dispensary	250
	Nyatike	Yago Dispensary	300
Total-Oxford/AstraZeneca			143,072
Pfizer	Suna East	Anjengo Dispensary	2,478
	Suna East	Enockhan Hospital	426

Vaccine	Sub County	Facility	Total
	Suna East	GK Prison Dispensary (Migori)	378
	Suna East	God Jope Dispensary	1,200
	Suna East	Midoti Dispensary	2,133
	Suna East	Migori County Referral Hospital	11,992
	Suna East	Nyamanga Nyaliande	2,100
	Suna East	Nyarongi Dispensary	1,530
	Suna East	Ogwedhi Health Centre	2,226
	Suna East	Ondong Dispensary	828
	Suna East	Osingo Dispensary	1,086
	Suna East	Saro Dispensary	1,451
	Suna East	St. Josephs mission	1,062
	Suna East	Suna Rabuor Dispensary	1,668
	Suna West	Akidiva memorial hospital	1,950
	Suna West	Arombe Dispensary	360
	Suna West	Giribe Dispensary	1,524
	Suna West	Nyamaraga sub county hospital	3,066
	Suna West	Ojele memorial hospital	978
	Suna West	Oruba Dispensary	5,454
	Suna West	Oruba Nursing And Maternity Home	1,996
	Suna West	PASTOR MACHAJE HOSPITAL	9,482
	Kuria East	Kegonga subcounty hospital	8,226
	Kuria East	Ntimaru sub county hospital	6,114
	Kuria East	Wima Hospital	2,424
	Kuria West	Isebania subcounty hospital	4,830
	Kuria West	Kehancha subcounty hospital	9,894
	Kuria West	Migori County Referral Hospital	300
	Kuria West	Samjomen hospital	7,440
	Awendo	Awendo Sub County	360
	Awendo	Awendo subcounty hospital	19,508
	Awendo	Dede Health Centre	2,880
	Awendo	Kuria West Sub County	600

Vaccine	Sub County	Facility	Total
	Awendo	Kwoyo Kodalo Dispensary	1,614
	Awendo	Nyakuru Dispensary	840
	Awendo	Rabondo Dispensary	3,388
	Awendo	Rapcom hospital	180
	Awendo	Ulanda mission hospital	3,450
	Rongo	Lwala Community Hospital	2,112
	Rongo	Rongo subcounty hospital	27,006
	Uriiri	Bware Health Center	822
	Uriiri	Kamsaki Dispensary	676
	Uriiri	Koloo Dispensary	414
	Uriiri	Kolwal Dispensary	216
	Uriiri	Koringo Dispensary	120
	Uriiri	Lela Dispensary	480
	Uriiri	Lela Health Centre	240
	Uriiri	Lwala Nyarago Dispensary	288
	Uriiri	Midida Dispensary	354
	Uriiri	Nyamage Dispensary	420
	Uriiri	Nyamasare Dispensary	546
	Uriiri	Nyasoko Dispensary	624
	Uriiri	Ombo Kowiti Dispensary	640
	Uriiri	Omulo Dispensary	306
	Uriiri	Ongito Dispensary	360
	Uriiri	Osogo Dispensary	522
	Uriiri	Othoro subcounty hospital	1,782
	Uriiri	Oyani (Sda) Dispensary	366
	Uriiri	Oyani subcounty hospital	1,626
	Uriiri	Piny Owacho Dispensary	660
	Uriiri	Rae Kondiala Dispensary	388
	Uriiri	Sibuoche Dispensary	402
	Uriiri	St Monica Rapogi Hospital	1,026
	Uriiri	Thim Joje Dispensary	718

Vaccine	Sub County	Facility	Total
	Uriiri	Uriiri subcounty hospital	12,576
	Uriiri	Wangiya Dispensary	942
	Nyatike	Aego Sagenya Dispensary	60
	Nyatike	Agenga Dispensary	534
	Nyatike	Aneko Dispensary	60
	Nyatike	Apilo Dispensary	120
	Nyatike	Bande Dispensary	596
	Nyatike	Diruma Dispensary	60
	Nyatike	Got Kachola Dispensary	568
	Nyatike	Got Orango Dispensary	588
	Nyatike	Kabuto Dispensary	30
	Nyatike	Kadem Tb & Leprosy Dispensary	84
	Nyatike	Kanga Onditi Dispensary	112
	Nyatike	Karungu subcounty hospital	3,078
	Nyatike	Kipingi Dispensary	60
	Nyatike	Kituka Dispensary	30
	Nyatike	Kombato Dispensary	470
	Nyatike	Luciel Dispensary	54
	Nyatike	Lwanda Dispensary	222
	Nyatike	Macalder subcounty hospital	4,402
	Nyatike	Mugabo Dispensary	138
	Nyatike	Muhuru sub county hospital	2,046
	Nyatike	Namba Kodero Dispensary	282
	Nyatike	Ndiwa Dispensary	816
	Nyatike	Nyakurungoto Dispensary	60
	Nyatike	Nyamanga Dispensary (Nyatike)	200
	Nyatike	Nyamongo Dispensary	270
	Nyatike	Nyandago Koweru Dispensary	102
	Nyatike	Obware Dispensary	720
	Nyatike	Ogongo Community Dispensary	100
	Nyatike	Olasii Dispensary	496

Vaccine	Sub County	Facility	Total
	Nyatike	Otati Dispensary	258
	Nyatike	Othoch Rakuom Dispensary	882
	Nyatike	St Camillus Health Centre	1,002
	Nyatike	St. Camillus Sori	1,850
	Nyatike	Thim Lich Dispensary	1,098
	Nyatike	Wath Onger Dispensary	612
	Nyatike	Winjo Dispensary	120
	Nyatike	Yago Dispensary	264
Total-Pfizer			206,492
Grand Total			484,056

Appendix 6 – Utilization at Migori County Facilities as at 31 March, 2022

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
Janssen (Ad26.COV2_S)	Aego Sagenya Dispensary	70	21	-	-	-	-	49
	Agenga Dispensary	1,050	371	-	-	-	-	679
	Akidiva memorial hospital	50	1,462	-	-	-	-	(1,412)
	Aneko Dispensary	185	360	70	-	-	-	(245)
	Anjogo Dispensary	670	302	-	-	-	35	333
	Apilo Dispensary	100	17	-	-	-	-	83
	Awendo subcounty hospital	3,100	3,826	-	-	-	-	(726)
	Bande Dispensary	260	173	-	-	-	-	87
	Bware Health Center	140	261	-	-	-	-	(121)
	Dede Health Centre	710	273	-	-	-	225	212
	Diruma Dispensary	50	8	-	-	-	-	42
	Giribe Dispensary	50	42	-	-	-	-	8
	GK Prison Dispensary (Migori)	325	285	-	-	-	-	40
	God Joje Dispensary	10	387	-	-	-	-	(377)
	Got Kachola Dispensary	415	322	5	-	-	-	88
	Got Orango Dispensary	225	183	-	-	-	-	42
	Isebania subcounty hospital	2,576	2,311	-	-	-	-	265
	Kabuto Dispensary	50	16	50	-	-	-	(16)
	Kadem Tb & Leprosy Dispensary	165	111	95	-	-	-	(41)
	Kamsaki Dispensary	182	63	-	-	-	-	119
	Kanga Onditi Dispensary	50	23	-	-	-	-	27
	Karungu subcounty hospital	2,135	794	1,000	-	-	-	341

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Kegonga subcounty hospital	4,655	3,860	140	-	-	-	655
	Kehancha subcounty hospital	3,820	4,633	-	-	-	750	(1,563)
	Kipingi Dispensary	50	73	-	-	-	-	(23)
	Kituka Dispensary	460	517	190	-	-	-	(467)
	Koloo Dispensary	255	327	-	-	-	-	(72)
	Kolwal Dispensary	60	22	30	-	-	-	8
	Kombato Dispensary	110	48	-	-	-	-	62
	Koringo Dispensary	24	37	-	-	-	-	(13)
	Kwoyo Kodalo Dispensary	10	807	-	-	-	-	(797)
	Lwala Community Hospital	1,450	1,699	5	-	-	-	(254)
	Lwala Nyarago Dispensary	150	6	-	-	-	-	144
	Lwanda Dispensary	350	122	95	-	-	-	123
	Macalder subcounty hospital	1,920	2,618	-	-	-	-	(1,598)
	Migori County Referral Hospital	3,780	5,007	-	-	-	-	(1,227)
	Mugabo Dispensary	115	222	-	-	-	-	(107)
	Muhuru sub county hospital	1,000	1,416	-	-	-	-	(416)
	Namba Kodero Dispensary	185	175	90	-	-	-	(80)
	Ndiwa Dispensary	70	127	-	-	-	-	(57)
	Ntimaru sub county hospital	3,405	2,030	295	-	-	-	1,080
	Nyakuru Dispensary	35	66	-	-	-	-	(31)
	Nyakurungoto Dispensary	20	70	-	-	-	-	(50)
	Nyamage Dispensary	100	79	-	-	-	-	21
	Nyamanga Dispensary (Nyatike)	100	40	40	-	-	-	20
	Nyamanga Nyaliande	200	153	-	-	-	-	47

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Nyamaraga sub county hospital	1,110	1,360	-	-	75	-	(325)
	Nyamasare Dispensary	310	203	-	-	-	-	107
	Nyamongo Dispensary	150	156	-	-	-	-	(6)
	Nyandago Koweru Dispensary	350	221	35	-	-	-	94
	Nyarongi Dispensary	575	472	-	-	-	-	103
	Nyasoko Dispensary	364	260	-	-	-	-	104
	Obware Dispensary	200	95	20	-	-	-	85
	Ochuna Dispensary	50	-	-	-	-	-	50
	Ogongo Community Dispensary	100	156	110	-	-	-	(166)
	Ogwedhi Health Centre	880	613	100	-	-	-	167
	Ojele memorial hospital	250	1,219	-	-	-	-	(969)
	Olasi Dispensary	330	426	15	-	-	-	(111)
	Ombo Kowiti Dispensary	150	75	-	-	-	-	75
	Omulo Dispensary	230	112	-	-	-	-	118
	Ondong Dispensary	230	240	-	-	-	20	(30)
	Ongito Dispensary	200	133	-	-	-	-	67
	Oruba Dispensary	3,255	2,514	-	-	-	-	741
	Oruba Nursing And Maternity Home	630	382	-	-	-	-	248
	Osingo Dispensary	250	270	-	-	-	-	(20)
	Osogo Dispensary	270	194	-	-	-	-	76
	Otati Dispensary	15	338	-	-	-	-	(323)
	Othoch Rakuom Dispensary	200	298	-	-	-	-	(98)
	Othoro subcounty hospital	510	631	-	-	-	-	(121)
	Oyani (Sda) Dispensary	400	24	-	-	-	-	376

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Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Oyani subcounty hospital	680	413	-	-	-	-	267
	PASTOR MACHAJE HOSPITAL	2,435	2,814	100	-	-	-	(479)
	Piny Owacho Dispensary	300	165	-	-	-	-	135
	Rabondo Dispensary	530	165	-	-	-	-	365
	Rae Kondiala Dispensary	265	90	-	-	-	-	175
	Rapcom hospital	50	29	-	-	-	21	-
	Rongo subcounty hospital	16,960	9,941	5,360	-	-	-	1,659
	Royal hospital	50	59	-	-	-	-	(9)
	Samjomen hospital	2,800	3,067	1,070	-	-	-	(1,337)
	Saro Dispensary	410	513	-	-	-	40	(143)
	Sibuoche Dispensary	150	148	-	-	-	-	2
	St Monica Rapogi Hospital	670	378	-	-	-	-	292
	St. Camillus Sori	405	802	95	-	-	-	(492)
	St. Josephs mission	75	230	30	-	-	20	(205)
	Suna Rabuor Dispensary	265	481	-	-	-	15	(231)
	Thim Jope Dispensary	370	282	-	-	-	-	88
	Thim Lich Dispensary	255	143	-	-	-	-	112
	Ulanda mission hospital	1,140	561	-	-	-	-	579
	Urii subcounty hospital	1,300	2,427	-	-	-	-	(1,127)
	Wangiya Dispensary	515	871	75	-	-	-	(431)
	Wath Onger Dispensary	1,885	237	475	-	-	-	1,173
	Wima Hospital	1,260	841	50	-	-	-	369
	Winjo Dispensary	70	41	-	-	-	-	29
	Yago Dispensary	60	61	-	-	-	-	(1)

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
Janssen (Ad26.COV2_S) Total		79,581	71,580	9,640	80	75	1,126	(4,050)
Moderna	Agenga Dispensary	58	52	-	-	-	-	6
	Akidiva memorial hospital	42	191	-	-	-	-	(149)
	Anjogo Dispensary	350	336	-	28	-	-	(14)
	Awendo subcounty hospital	3,735	3,307	-	-	-	431	(3)
	Bande Dispensary	14	14	-	-	-	-	-
	Dede Health Centre	350	215	-	-	-	134	1
	Enockhan Hospital	546	583	-	-	-	-	(37)
	Giribe Dispensary	84	32	-	-	-	-	52
	GK Prison Dispensary (Migori)	42	34	-	-	-	-	8
	God Joje Dispensary	126	192	-	28	-	-	(94)
	Isebania subcounty hospital	658	653	-	-	-	-	5
	Kanga Onditi Dispensary	28	27	-	-	-	-	1
	Karungu subcounty hospital	2,208	1,486	-	-	-	-	722
	Kegonga subcounty hospital	976	577	-	-	-	-	399
	Kehancha subcounty hospital	980	634	-	-	-	33	313
	Koloo Dispensary	14	13	-	-	-	-	1
	Kwoyo Kodalo Dispensary	14	-	-	-	-	-	14
	Lwala Community Hospital	1,860	1,809	-	-	-	-	51
	Macalder subcounty hospital	1,978	1,777	-	-	-	-	(419)
	Midoti Dispensary	448	256	-	-	-	-	192
	Migori County Referral Hospital	4,922	4,156	-	-	-	-	766
	Mugabo Dispensary	14	16	-	-	-	-	(2)
	Muhuru sub county hospital	420	625	-	-	-	-	(443)

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Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Namba Kodero Dispensary	28	-	-	-	-	-	28
	Ntamaru sub county hospital	824	753	-	-	-	-	71
	Nyakuru Dispensary	70	52	-	-	-	-	18
	Nyakurungoto Dispensary	28	-	-	-	-	-	28
	Nyamage Dispensary	98	15	-	-	-	-	83
	Nyamanga Nyaliande	204	78	-	-	-	-	126
	Nyamaraga sub county hospital	700	381	70	-	-	-	249
	Nyarongi Dispensary	434	232	-	-	-	-	202
	Ogwedhi Health Centre	238	153	-	-	-	-	85
	Ojele memorial hospital	238	118	-	-	-	-	120
	Olasi Dispensary	56	53	-	-	-	-	3
	Oruba Dispensary	112	526	-	-	-	-	(414)
	Oruba Nursing And Maternity Home	182	166	-	-	-	-	16
	Osingo Dispensary	154	129	-	-	-	-	25
	Otati Dispensary	84	19	-	-	-	-	65
	Othoch Rakuom Dispensary	84	73	-	-	-	-	11
	Othoro subcounty hospital	1,050	650	-	-	-	-	400
	Oyani subcounty hospital	714	591	-	-	-	-	123
	PASTOR MACHAJE HOSPITAL	2,758	1,751	-	-	-	-	1,007
	Rabondo Dispensary	56	18	-	-	-	-	38
	Rapcom hospital	3	32	-	-	-	-	(29)
	Rongo subcounty hospital	3,768	3,322	-	-	-	-	446
	Royal hospital	252	8	-	-	-	-	244
	Samjomen hospital	644	524	-	-	-	72	48

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Saro Dispensary	112	63	-	-	-	25	24
	St Monica Rapogi Hospital	28	45	-	-	-	-	(17)
	St. Camillus Sori	1,512	1,386	-	-	-	-	126
	St. Josephs mission	686	787	-	-	-	70	(171)
	Suna Rabuor Dispensary	406	345	-	-	-	56	5
	Ulanda mission hospital	1,232	920	-	-	-	-	312
	Uriri subcounty hospital	3,416	2,834	-	-	-	-	582
	Wima Hospital	426	326	-	-	-	-	100
	Yago Dispensary	54	17	-	-	-	-	37
Moderna Total		40,518	33,352	70	56	-	821	5,361
Oxford/AstraZeneca	Aego Sagenya Dispensary	130	90	-	-	-	-	40
	Agenga Dispensary	110	253	-	-	-	-	(143)
	Akidiva memorial hospital	323	734	-	-	-	-	(411)
	Aneko Dispensary	100	93	-	-	-	-	7
	Anjogo Dispensary	1,210	168	-	-	-	8	1,034
	Apilo Dispensary	20	13	-	-	-	-	7
	Awendo subcounty hospital	13,186	11,825	-	-	-	2,105	(744)
	Bande Dispensary	150	96	-	-	-	-	54
	Bware Health Center	540	333	-	-	-	-	207
	Dede Health Centre	840	931	-	-	-	-	(91)
	Diruma Dispensary	60	51	-	-	-	-	9
	Enockhan Hospital	770	803	-	-	-	-	(33)
	Giribe Dispensary	120	135	-	-	-	-	(15)
	GK Prison Dispensary (Migori)	300	77	-	-	-	-	223

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Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	God Jope Dispensary	150	460	-	-	-	20	(330)
	Got Kachola Dispensary	430	366	-	-	-	-	64
	Got Orango Dispensary	440	258	-	-	-	-	182
	Isebania subcounty hospital	4,090	2,982	-	-	-	-	1,108
	Kabuto Dispensary	10	13	-	-	-	-	(3)
	Kadem Tb & Leprosy Dispensary	40	18	-	-	-	-	22
	Kamsaki Dispensary	380	188	-	-	-	-	192
	Kanga Onditi Dispensary	100	161	-	-	-	-	(61)
	Karungu subcounty hospital	5,416	2,376	-	-	-	-	3,040
	Kegonga subcounty hospital	4,126	2,081	-	-	-	-	2,045
	Kehancha subcounty hospital	5,800	4,214	-	-	-	119	1,467
	Kipingi Dispensary	60	31	-	-	-	-	(11)
	Kituka Dispensary	230	335	-	-	-	-	(205)
	Koloo Dispensary	220	212	-	-	-	-	8
	Kolwal Dispensary	110	109	-	-	-	-	1
	Kombato Dispensary	150	45	-	-	-	-	105
	Koringo Dispensary	20	78	-	-	-	-	(58)
	Kwoyo Kodalo Dispensary	300	1,072	-	-	-	-	(772)
	Lwala Community Hospital	3,990	5,683	-	-	-	-	(1,693)
	Lwala Nyarago Dispensary	80	21	-	-	-	-	59
	Lwanda Dispensary	140	167	-	-	-	-	(47)
	Macalder subcounty hospital	3,794	6,175	10	-	-	-	(4,391)
	Midida Dispensary	430	196	-	-	-	-	234
	Midoti Dispensary	1,130	406	-	-	-	-	724

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Migori County Referral Hospital	13,933	14,674	-	-	-	-	(741)
	Mugabo Dispensary	160	220	-	-	-	-	(60)
	Muhuru sub county hospital	1,778	1,354	-	-	-	-	226
	Namba Kodero Dispensary	320	139	-	-	-	-	181
	Ndiwa Dispensary	450	250	-	-	-	-	200
	Ntimaru sub county hospital	2,868	1,278	-	-	-	-	1,590
	Nyakuru Dispensary	300	323	-	-	-	-	(23)
	Nyakurungoto Dispensary	100	82	-	-	-	-	18
	Nyamage Dispensary	400	122	-	-	-	-	278
	Nyamanga Dispensary (Nyatike)	40	53	-	-	-	-	(13)
	Nyamanga Nyaliande	350	279	-	-	-	-	71
	Nyamaraga sub county hospital	2,635	1,712	-	-	96	-	827
	Nyamasare Dispensary	450	264	-	-	-	-	186
	Nyamongo Dispensary	50	73	-	-	-	-	(23)
	Nyandago Koweru Dispensary	280	306	-	-	-	-	(26)
	Nyarongi Dispensary	970	791	-	-	-	20	159
	Nyasoko Dispensary	540	486	-	-	-	-	54
	Obware Dispensary	200	208	-	-	-	-	(8)
	Ochuna Dispensary	200	161	-	-	-	-	39
	Ogongo Community Dispensary	100	85	-	-	-	-	15
	Ogwedhi Health Centre	850	626	-	-	-	-	224
	Ojele memorial hospital	570	1,071	-	-	-	-	(501)
	Olasi Dispensary	780	804	-	-	-	-	(24)
	Ombo Kowiti Dispensary	300	149	-	-	-	-	151

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Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Omulo Dispensary	350	282	-	-	-	-	68
	Ondong Dispensary	250	189	-	-	-	2	59
	Ongito Dispensary	130	197	-	-	-	-	(67)
	Oruba Dispensary	2,360	1,010	-	-	-	-	1,350
	Oruba Nursing And Maternity Home	100	421	-	-	-	-	(321)
	Osingo Dispensary	370	182	-	30	-	10	148
	Osogo Dispensary	350	362	-	-	-	-	(12)
	Otati Dispensary	280	595	-	-	-	-	(315)
	Othoch Rakuom Dispensary	380	337	-	-	-	-	43
	Othoro subcounty hospital	2,050	1,848	-	-	-	-	202
	Oyani (Sda) Dispensary	250	117	-	-	-	-	133
	Oyani subcounty hospital	1,995	1,775	-	-	-	-	220
	PASTOR MACHAJE HOSPITAL	4,214	3,156	550	-	10	-	498
	Piny Owacho Dispensary	260	183	-	-	-	-	77
	Rabondo Dispensary	1,090	1,045	-	-	-	-	45
	Rae Kondiala Dispensary	380	148	-	-	-	-	232
	Rapcom hospital	310	175	-	-	-	120	15
	Rongo subcounty hospital	16,383	13,321	-	-	-	320	2,742
	Royal hospital	210	184	-	-	-	-	26
	Samjomen hospital	2,830	1,800	-	210	-	203	617
	Saro Dispensary	510	350	-	-	-	60	100
	Sibuoche Dispensary	420	265	-	-	-	-	155
	Sori lake side hospital	96	94	-	-	-	-	2
	St Monica Rapogi Hospital	1,580	783	-	-	-	-	797

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	St. Camillus Sori	1,476	2,028	-	-	-	-	(552)
	St. Josephs mission	1,354	1,188	-	-	-	216	(50)
	Suna Rabuor Dispensary	640	556	-	-	10	20	54
	Thim Joje Dispensary	220	280	-	-	-	-	(60)
	Thim Lich Dispensary	460	510	-	-	-	-	(50)
	Ulanda mission hospital	3,558	3,432	-	-	-	-	126
	Uriri subcounty hospital	9,449	8,682	-	-	-	-	767
	Wangiya Dispensary	390	615	-	-	-	-	(225)
	Wath Onger Dispensary	460	323	-	-	-	-	137
	Wima Hospital	1,382	512	-	-	-	-	870
	Winjo Dispensary	250	167	-	-	-	-	83
	Yago Dispensary	300	270	-	-	-	-	30
Oxford/AstraZeneca Total		135,206	116,141	560	240	116	3,223	12,568
Pfizer	Aego Sagenya Dispensary	78	54	-	-	-	-	24
	Agenga Dispensary	514	656	-	-	-	-	(142)
	Akidiwa memorial hospital	920	2,543	-	-	-	-	(1,623)
	Aneko Dispensary	120	42	-	-	-	-	78
	Anjogo Dispensary	2,478	1,552	-	18	-	56	852
	Apilo Dispensary	96	66	-	-	-	-	30
	Awendo subcounty hospital	17,036	16,095	-	-	-	2,560	(1,619)
	Bande Dispensary	796	795	-	-	-	-	1
	Bware Health Center	822	847	-	-	-	-	(25)
	Dede Health Centre	2,100	1,674	-	-	-	650	(224)
	Diruma Dispensary	60	52	-	-	-	-	8

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Enockhan Hospital	426	799	-	-	-	-	(373)
	Giribe Dispensary	984	1,076	-	-	-	-	(92)
	GK Prison Dispensary (Migori)	378	243	-	-	-	-	135
	God Joje Dispensary	288	1,445	-	-	-	-	(1,157)
	Got Kachola Dispensary	568	381	-	-	-	-	187
	Got Orango Dispensary	588	342	-	-	-	-	246
	Isebania subcounty hospital	3,198	3,037	-	-	-	-	161
	Kabuto Dispensary	55	23	-	-	-	-	32
	Kadem Tb & Leprosy Dispensary	84	123	-	-	-	-	(39)
	Kamsaki Dispensary	676	445	-	-	-	-	231
	Kanga Onditi Dispensary	112	146	-	-	-	-	(34)
	Karungu subcounty hospital	3,078	1,909	-	-	-	-	1,169
	Kegonga subcounty hospital	8,322	9,309	-	-	-	-	(987)
	Kehancha subcounty hospital	7,224	8,797	-	-	-	-	(1,573)
	Kipingi Dispensary	60	103	-	-	-	-	(43)
	Kituka Dispensary	192	317	12	-	-	-	(481)
	Koloo Dispensary	360	442	-	-	-	-	(82)
	Kolwal Dispensary	216	155	-	-	-	-	61
	Kombato Dispensary	470	320	-	-	-	-	150
	Koringo Dispensary	60	54	-	-	-	-	6
	Kwoyo Kodalo Dispensary	240	2,101	-	-	-	-	(1,861)
	Lwala Community Hospital	3,300	4,930	-	-	-	-	(1,630)
	Lwala Nyarago Dispensary	240	158	-	-	-	-	82
	Lwanda Dispensary	222	153	-	-	-	-	(39)

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Macalder subcounty hospital	3,787	6,938	6	-	-	-	(4,270)
	Midida Dispensary	354	264	-	-	-	-	90
	Midoti Dispensary	2,017	1,774	-	-	-	-	243
	Migori County Referral Hospital	12,956	14,830	-	-	-	-	(1,874)
	Mugabo Dispensary	138	202	-	-	-	-	(64)
	Muhuru sub county hospital	1,638	949	-	-	-	-	(295)
	Namba Kadero Dispensary	282	320	-	-	-	-	(38)
	Ndiwa Dispensary	372	451	-	-	-	-	(79)
	Ntimaru sub county hospital	6,114	4,811	-	-	-	-	1,303
	Nyakuru Dispensary	480	395	-	-	-	-	85
	Nyakurungoto Dispensary	60	204	-	-	-	-	(144)
	Nyamage Dispensary	270	289	-	-	-	-	(19)
	Nyamanga Dispensary (Nyatike)	200	164	-	-	-	-	36
	Nyamanga Nyaliande	1,890	1,918	-	-	-	-	(28)
	Nyamaraga sub county hospital	2,886	3,010	-	-	84	-	(208)
	Nyamasare Dispensary	546	421	-	-	-	-	125
	Nyamongo Dispensary	186	183	-	-	-	-	3
	Nyandago Koweru Dispensary	144	216	-	-	-	-	(72)
	Nyarongi Dispensary	1,530	1,349	-	198	-	-	(17)
	Nyasoko Dispensary	594	692	-	-	-	-	(98)
	Obware Dispensary	360	864	-	-	-	-	(504)
	Ochuna Dispensary	12	19	-	-	-	-	(7)
	Ogongo Community Dispensary	100	185	-	-	-	-	(85)
	Ogwedhi Health Centre	2,226	1,556	-	-	-	-	670

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Ojele memorial hospital	462	1,843	-	-	-	-	(1,381)
	Olasi Dispensary	496	628	-	-	-	-	(132)
	Ombo Kowiti Dispensary	640	97	-	-	-	-	543
	Omulo Dispensary	306	137	-	-	-	-	169
	Ondong Dispensary	928	872	-	-	-	14	42
	Ongito Dispensary	360	273	-	-	-	-	87
	Oruba Dispensary	5,454	5,616	-	-	-	-	(162)
	Oruba Nursing And Maternity Home	1,140	920	-	-	-	-	220
	Osingo Dispensary	414	709	-	36	-	-	(331)
	Osogo Dispensary	522	313	-	-	-	-	209
	Otati Dispensary	258	709	-	-	-	-	(451)
	Othoch Rakuom Dispensary	882	944	-	-	-	-	(62)
	Othoro subcounty hospital	1,782	1,379	-	-	-	-	403
	Oyani (Sda) Dispensary	366	100	-	-	-	-	266
	Oyani subcounty hospital	1,662	1,919	-	-	-	-	(257)
	PASTOR MACHAJE HOSPITAL	8,918	5,827	-	-	-	-	3,091
	Piny Owacho Dispensary	660	509	-	-	-	-	151
	Rabondo Dispensary	1,708	1,284	-	-	70	-	354
	Rae Kondiala Dispensary	388	121	-	-	-	-	267
	Rapcom hospital	192	140	-	-	-	-	52
	Rongo subcounty hospital	25,518	22,628	-	-	-	-	2,890
	Royal hospital	300	179	-	-	-	-	121
	Samjomen hospital	6,522	5,146	-	-	-	-	1,376
	Saro Dispensary	1,451	1,310	-	114	-	292	(265)

Vaccine	Facility	Receipts	Vaccinations Administered	Total Physical Count	Expired and Disposed	Damaged and disposed	Wastage and disposed	Unexplained Variance
	Sibuoche Dispensary	252	404	-	-	-	-	(152)
	St Monica Rapogi Hospital	846	1,182	-	-	-	-	(336)
	St. Camillus Sori	1,850	2,535	96	-	-	-	(781)
	St. Josephs mission	546	850	-	12	-	38	(354)
	Suna Rabuor Dispensary	1,308	1,355	-	-	-	68	(115)
	Thim Joje Dispensary	624	597	-	-	-	-	27
	Thim Lich Dispensary	1,178	958	-	-	-	-	220
	Ulanda mission hospital	3,060	4,195	-	-	-	-	(1,135)
	Uriri subcounty hospital	12,564	11,744	-	-	-	-	820
	Wangiya Dispensary	966	935	-	-	-	-	31
	Wath Onger Dispensary	612	338	-	-	-	-	274
	Wima Hospital	2,424	2,336	-	-	-	-	88
	Winjo Dispensary	120	110	-	-	-	-	10
	Yago Dispensary	264	264	-	-	-	-	-
Pfizer Total		183,446	184,594	114	378	154	3,678	(8,021)
Grand Total		438,751	405,667	10,384	754	345	8,848	5,858

Appendix 7: Disposal at Sub County Level – Migori County

Sub County	D1	D2	D3	D4	D5	D6	D7
Awendo	NO	NO	NO	NO	NO	NO	NO
Kuria West	YES	NO	NO	NO	NO	NO	NO
Kuria East	NO	NO	NO	NO	NO	NO	NO
Nyatike	NO	NO	NO	NO	NO	NO	NO
Rongo	NO	NO	NO	NO	NO	NO	NO
Suna East	YES	NO	NO	NO	NO	NO	NO
Suna West	NO	NO	NO	NO	NO	NO	NO
Uriri	NO	YES	NO	NO	NO	NO	NO
COMPLIANT	2	1	0	0	0	0	0
NON-COMPLIANT	6	7	8	8	8	8	8

KEY/DETAILS

D1	Was waste management plan developed at either the National and/or County level?
D2	Was there a budget developed for disposal of Covid-19 waste? (Compare actual with the budget and Report under observation if the budget was adequate or not)
D3	Did Covid-19 waste transported from one county to another have clearance from NEMA?
D4	Were disposed vaccine vials recorded and accounted for in the vaccine inventory report?
D5	Did the County/Store fill any application form for disposal of pharmaceutical waste issued by the Pharmacy and Poisons Board in compliance with the Guidelines for safe management of pharmaceutical waste?
D6	Are the disposals done at a NEMA approved pharmaceutical disposal site in compliance with the Guidelines for safe management of pharmaceutical waste
D7	Was disposal of pharmaceutical waste supervised by a Pharmacy and Poisons Board inspector OR Public Health Officer in compliance with the Guidelines for safe management of pharmaceutical waste?

Appendix 8: Disposal at Facility Level – Migori County

Sub County	Audit Procedures	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13
Awendo	Awendo Sub County Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Dede Health Centre	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Kwoyo Kodalo Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Rabondo Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Rapcom Hospital	Yes	N/a	Yes	No	Yes	No	No	No	Yes	Yes	No	Yes	No
	Ulanda Mission Hospital	Yes	N/a	Yes	No	Yes	No	No	No	Yes	Yes	No	Yes	No
	Nyakuru Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
Kuria East	Kegonga Sub County Hospital	Yes	No	Yes	No	No	Yes	No	No	No	Yes	N/a	No	Yes
	Ntimaru Sub County Hospital	Yes	No	Yes	No	No	Yes	No	No	No	Yes	N/a	No	Yes
	Wima Hospital	Yes	N/a	Yes	Yes	No	Yes	No	No	No	No	No	No	No
Kuria West	Isebania sub-county hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Kehancha sub-county hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Samjomen Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
Nyati	Aego Sagenya Dispensary	Yes	No	Yes	No	No	No	No	No	No	No	N/a	Yes	No
	Ageng'a Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Aneko Dispensary	Yes	No	Yes	No	No	No	No	No	No	No	N/a	Yes	No
	Apilo Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	No	No
	Bande Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Duruma Dispensary	Yes	No	No	No	No	No	No	No	Yes	No	N/a	Yes	No
	Got Kachola Dispensary	Yes	No	No	No	No	No	No	No	Yes	No	N/a	Yes	No
	Got Orango Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Kabuto Dispensary	Yes	No	Yes	No	No	No	No	No	No	Yes	N/a	Yes	No
	Kadem Tb and Liprosy	Yes	N/a	Yes	Yes	No	Yes	No	No	Yes	Yes	No	Yes	No
	Kambato Dispensary	Yes	No	Yes	No	No	Yes	No	No	No	Yes	N/a	No	Yes
	Kanga Onditi Dispensary	Yes	No	No	No	No	No	No	No	Yes	No	N/a	Yes	No
	Karungu Sub County Hospital	Yes	No	Yes	No	No	Yes	No	No	No	Yes	N/a	No	Yes
	Kipingi Dispensary	Yes	No	Yes	No	No	Yes	No	No	Yes	Yes	N/a	No	Yes

Sub County	Audit Procedures	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13
	Kituka Dispensary	Yes	No	Yes	No	No	No	No	No	No	Yes	N/a	Yes	No
	Lwanda Dispensary	Yes	No	Yes	No	No	Yes	No	No	Yes	Yes	N/a	No	Yes
	Macalder	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Mugambo Dispensary	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	N/a	No	No
	Muhuru Sub County Hospital	Yes	No	Yes	No	No	Yes	No	No	Yes	Yes	N/a	No	Yes
	Namba Kodero Dispensary	Yes	No	Yes	No	No	No	No	No	No	No	N/a	Yes	No
	Ndiwa Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Nyakurungoto Dispensary	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	N/a	Yes	No
	Nyamanga Dispensary	Yes	No	Yes	No	No	No	No	No	No	No	N/a	Yes	No
	Nyamongo Dispensary	Yes	No	Yes	No	No	No	No	No	No	Yes	N/a	Yes	No
	Nyandango Koweru	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Obware Dispensary	Yes	No	Yes	No	No	Yes	No	No	Yes	Yes	N/a	No	Yes
	Ochuna Dispensary	Yes	N/a	Yes	No	No	No	No	No	Yes	Yes	No	No	No
	Ogongo Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Olas Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Otati Dispensary	Yes	No	No	No	No	No	No	No	Yes	No	N/a	Yes	No
	Othoc Rakuom Dispensary	Yes	No	Yes	No	No	No	No	No	No	No	N/a	No	Yes
	Saint Camillas Sori	Yes	N/a	Yes	No	No	No	No	No	Yes	No	No	Yes	No
	Sori Lake Side Hospital	Yes	N/a	Yes	Yes	No	No	No	No	Yes	Yes	No	Yes	No
	Thim Lich Dispensary	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	N/a	No	No
	Wath Ong'er Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	Yes	N/a	Yes	No
	Winjo Dispensary	Yes	No	Yes	No	No	No	No	No	No	No	N/a	Yes	No
	Yago Dispensary	Yes	No	Yes	Yes	Yes	No	No	No	Yes	No	N/a	No	No
Rongo	Lwala Community Hospital	Yes	N/a	Yes	No	No	No	No	No	Yes	Yes	No	Yes	No
	Rongo Sub-County Hospital	Yes	No	Yes	No	No	No	No	No	No	No	N/a	Yes	No
	Royal Hospital	Yes	N/a	Yes	No	No	No	No	No	Yes	Yes	No	Yes	No
Suna West	Akidiva Memorial Hospital	Yes	N/a	Yes	Yes	No	Yes	No	No	No	No	No	No	No
	Giribe Dispensary	Yes	N/a	Yes	No	No	Yes	No	No	No	No	No	No	No

Sub County	Audit Procedures	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13
	Nyamaraga Sub County Hospital	Yes	No	Yes	No	No	Yes	No	No	No	Yes	N/a	No	Yes
	Ojele Memorial Hospital	Yes	N/a	Yes	Yes	No	Yes	No	No	No	No	No	No	No
	Oruba Dispensary	Yes	No	Yes	No	No	No	No	No	Yes	No	N/a	No	No
	Oruba Nursing Home	Yes	N/a	Yes	Yes	No	Yes	No	No	No	No	No	No	No
	Pastor Machanje Hospital	Yes	N/a	Yes	Yes	No	Yes	No	No	No	No	No	No	No
Suna East	Anjengo dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Enockhan	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	GK Prison Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	God Joje Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Midoti Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Migori County Referral Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Nyamanga Nyaliande Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Nyarongi dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Ogwedhi Health Centre	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Ondong' Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Osingo Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Saro Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	St. Joseph Mission Hospital	Yes	N/a	Yes	No	Yes	No	No	No	Yes	Yes	No	Yes	No
	Suna Rabuor	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
Urii	Bware Health Centre	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Lwala Nyarago Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Nyamasare Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Omulo Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Othoro Sub County Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Oyani Sub County Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Piny Owacho Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	St. Monica Rapogi	Yes	N/a	Yes	No	Yes	No	No	No	Yes	Yes	No	Yes	No
	Wangiya Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No

Sub County	Audit Procedures	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13
	Kamsaki Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Koloo Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Koringo Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Midida Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Nyamage Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Nyasoko Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Ombo Kowiti Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Ongito Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Osogo Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Oyani SDA dispensary	Yes	N/a	Yes	No	Yes	No	No	No	Yes	Yes	No	Yes	No
	Rae Kondiala dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Thim Joje	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Uri Sub County Hospital	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Kolwal Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
	Sibuchoe Dispensary	Yes	No	No	No	No	No	No	No	No	No	N/a	Yes	No
COMPLIANT		98	0	51	10	8	16	0	1	34	33	0	76	10
NON-COMPLIANT		0	81	47	88	90	82	98	97	64	65	17	22	88

KEY/DETAIL

D1	Does the facility have a waste management plan?
D2	Was there a budget for the disposal of Covid-19 Waste?
D3	Was there pharmaceutical waste separated from the sharp waste and other healthcare wastes and the different wastes securely packaged in plastic bags or rigid containers which are clearly labeled?
D4	Was there pharmaceutical waste stored in designated quarantine stores and away from usable pharmaceutical ?(Applicable to facilities with large volumes of daily waste, that do not transport/dispose daily)

D5	Is the public health officer involved in the disposal of Covid-19 Waste? (Storage, Transportation and Supervision of Disposal)
D6	Does the Facility Transport Pharmaceutical Waste? (For facilities that do not have a NEMA approved Waste Disposal Site. These sites have an incinerator. N/B: A burning chamber is not an incinerator)
D7	Was the disposal of pharmaceutical waste supervised by a Pharmacy and Poisons Board inspector and at NEMA approved pharmaceutical disposal sites in compliance with the Guidelines for safe management of pharmaceutical waste
D8	Was there a pharmaceutical waste transported from one county to another had clearance from NEMA
D9	Does the facility have an incinerator, burning chamber or burning pit?
D10	Was the method used to dispose of sharp waste (syringes and needles) by the Healthcare facility and whether complying with the Guidelines for safe management of pharmaceutical waste and WHO Waste management of used Covid-19 vaccines vials and ancillary supply (Treatment should be by Incineration, Sharps are to be incinerated while other waste is to be burnt in a burning chamber)
D11	Was the Healthcare facility issued with a certificate of safe disposal of pharmaceutical waste in compliance with the Guidelines for secure management of pharmaceutical waste
D12	Were the disposed vaccine vials recorded and accounted for in the vaccine inventory report?
D13	Did the Healthcare facility fill an application form for disposal of pharmaceutical waste issued by the Pharmacy and Poisons Board in compliance with the Guidelines for safe management of pharmaceutical waste

Appendix 9: HR at Sub County Level – Migori County

Sub County	HR1	HR2	HR3	HR4	HR5	HR6	HR7
Awendo	Yes	Yes	Yes	No	No	No	Yes
Kuria East	Yes	Yes	Yes	No	No	No	Yes
Kuria West	Yes	Yes	Yes	No	No	No	Yes
Nyatike	Yes	Yes	Yes	No	No	No	Yes
Rongo	Yes	Yes	Yes	No	No	No	Yes
Suna East	Yes	Yes	Yes	No	No	No	Yes
Suna West	Yes	Yes	Yes	No	No	No	Yes
Uriri	Yes	Yes	Yes	No	No	No	Yes
Compliant	8	8	8	0	0	0	8
Non-Compliant	0	0	0	8	8	8	0

KEY/DETAIL

HR1	Was the county represented in National training for ToTs? If yes indicate in the remarks column number of people involved (Fill details in No. 8 below)
HR2	Were the sub county health management team trained on covid-19 immunization?
HR3	Was the training well spread to all cadres supposed to be trained? Establish the composition of the sub county health management team trained and what was covered in the training (Fill details in table 8 below)
HR4	Was there a training plan and were the trainings done as per training plan? Populate details in the Remarks Column
HR5	Was there a specific training budget for Covid-19 immunization?
HR6	Does comparison of Budget with actual expenditure for training on covid-19 vaccination give rise to a variance? If yes indicate the variance amount in the remarks Column
HR7	Did you Obtain details of staff at national/county/sub county/facility for the following Categories indicating their designation, attendance dates, Financier, etc.?

Appendix 10: HR at Facility Level – Migori County

Sub-County	Facility	HR1	HR2	HR3	HR4	HR5	HR6
Awendo	Awendo Sub County Hospital	No	No	Yes	Yes	Yes	No
	Dede Health Centre	No	No	Yes	Yes	Yes	No
	Kwoyo Kodalo Dispensary	No	No	Yes	Yes	Yes	No
	Nyakuru Dispensary	No	No	Yes	Yes	Yes	No
	Rabondo Hospital	No	No	Yes	Yes	Yes	No
Kuria East	Rapcom Hospital	No	No	Yes	Yes	Yes	No
	Ulanda mission Hospital	No	No	Yes	Yes	Yes	No
	Kegonga Sub County Hospital	Yes	No	Yes	Yes	Yes	No
	Ntimaru Sub County Hospital	Yes	No	Yes	Yes	Yes	No
	Wima Hospital	No	No	No	No	Yes	No
Kuria West	Isebania sub-county hospital	No	No	Yes	Yes	Yes	No
	Kehancha sub-county hospital	No	No	Yes	Yes	Yes	No
	Samjomen Hospital	No	No	Yes	Yes	Yes	No
	Aego Sagenya Dispensary	No	No	Yes	Yes	Yes	No
	Ageng'a Dispensary	Yes	No	Yes	Yes	Yes	No
Nyatike	Aneko Dispensary	No	No	Yes	Yes	Yes	No
	Apilo Dispensary	Yes	No	Yes	Yes	Yes	No
	Bande Dispensary	No	No	Yes	Yes	Yes	Yes
	Duruma Dispensary	No	No	Yes	Yes	Yes	No
	Got Kachola Dispensary	Yes	No	Yes	Yes	Yes	No
	Got Orango Dispensary	No	No	Yes	Yes	Yes	No
	Kabuto Dispensary	Yes	No	Yes	Yes	Yes	No
	Kadem Tb and Liprosy	No	No	Yes	Yes	Yes	No
	Kambato Dispensary	No	No	Yes	Yes	Yes	No
	Kanga Onditi Dispensary	Yes	No	Yes	Yes	Yes	No
	Karungu Sub County Hospital	No	No	Yes	Yes	Yes	YES
	Kipingi Dispensary	Yes	No	Yes	Yes	Yes	No
	Kituka Dispensary	No	No	Yes	Yes	Yes	No
	Lwanda Dispensary	Yes	No	Yes	Yes	Yes	No

Sub-County	Facility	HR1	HR2	HR3	HR4	HR5	HR6
	Macalder	No	No	Yes	Yes	Yes	Yes
	Mugambo Dispensary	No	No	Yes	Yes	Yes	No
	Muhuru Sub County Hospital	Yes	No	Yes	Yes	Yes	No
	Namba Kadero Dispensary	No	No	Yes	Yes	Yes	No
	Ndiwa Dispensary	Yes	No	Yes	Yes	Yes	No
	Nyakurungoto Dispensary	No	No	Yes	Yes	Yes	Yes
	Nyamanga Dispensary	No	No	Yes	Yes	Yes	No
	Nyamongo Dispensary	No	No	Yes	Yes	Yes	No
	Nyandango Koweru	Yes	No	Yes	Yes	Yes	No
	Obware Dispensary	Yes	No	Yes	Yes	Yes	No
	Ochuna Dispensary	No	No	Yes	Yes	Yes	No
	Ogongo Dispensary	No	No	Yes	Yes	Yes	No
	Olasi Dispensary	Yes	No	Yes	Yes	Yes	No
	Otati Dispensary	Yes	No	Yes	Yes	Yes	No
	Othoc Rakuom Dispensary	No	No	Yes	Yes	Yes	No
	Saint Camillas Sori	No	No	Yes	Yes	Yes	No
	Sori Lake Side Hospital	No	No	Yes	Yes	Yes	No
	Thim Lich Dispensary	Yes	No	Yes	Yes	Yes	No
	Wath Ong'er Dispensary	Yes	No	Yes	Yes	Yes	No
	Winjo Dispensary	No	No	Yes	Yes	Yes	No
	Yago Dispensary	No	No	Yes	Yes	Yes	No
Rongo	Lwala Community Hospital	Yes	No	Yes	Yes	Yes	No
	Rongo Sub County Hospital	Yes	No	Yes	Yes	Yes	No
	Royal Hospital	Yes	No	Yes	Yes	Yes	No
Suna West	Akidiva Memorial Hospital	No	No	Yes	Yes	Yes	No
	Giribe Dispensary	No	No	Yes	Yes	Yes	No
	Nyamaraga Sub County Hospital	Yes	No	Yes	Yes	Yes	No
	Ojele Memorial Hospital	Yes	No	Yes	Yes	Yes	No
	Oruba Dispensary	No	No	No	No	YES	No
	Oruba Nursing Home	No	No	Yes	Yes	Yes	No

Sub-County	Facility	HR1	HR2	HR3	HR4	HR5	HR6
Suna East	Pastor Machanje Hospital	No	No	Yes	Yes	Yes	No
	Anjengo dispensary	No	No	Yes	Yes	Yes	No
	Enockhan	No	No	Yes	Yes	Yes	No
	GK Prison Dispensary	No	No	Yes	Yes	Yes	No
	God Jope Dispensary	No	No	Yes	Yes	Yes	No
	Midoti Dispensary	No	No	Yes	Yes	Yes	No
	Migori County Referral Hospital	Yes	Yes	Yes	Yes	Yes	Yes
	Nyamanga Nyaliande Dispensary	No	No	Yes	Yes	Yes	No
	Nyarongi dispensary	No	No	Yes	Yes	Yes	No
	Ogwedhi Health Centre	No	No	Yes	Yes	Yes	No
Uriki	Ondong' Dispensary	No	No	Yes	Yes	Yes	No
	Osingo Dispensary	No	No	Yes	Yes	Yes	No
	Saro Dispensary	No	No	Yes	Yes	Yes	No
	St. Joseph Mission Hospital	No	No	Yes	Yes	Yes	No
	Suna Rabuor	No	No	Yes	Yes	Yes	No
	Bware Health Centre	No	No	Yes	Yes	Yes	No
	Kamsaki Dispensary	No	No	Yes	Yes	Yes	No
	Koloo Dispensary	No	No	Yes	Yes	Yes	No
	Kolwal Dispensary	No	No	Yes	Yes	Yes	No
	Koringo Dispensary	No	No	Yes	Yes	Yes	No
	Lwala Nyarago Dispensary	No	No	Yes	Yes	Yes	No
	Midida Dispensary	No	No	Yes	Yes	Yes	No
	Nyamage Dispensary	No	No	Yes	Yes	Yes	No
	Nyamasare Dispensary	No	No	Yes	Yes	Yes	No
	Nyasoko Dispensary	No	No	Yes	Yes	Yes	No
	Ombo Kowiti Dispensary	No	No	Yes	Yes	Yes	No
	Omulo Dispensary	No	No	Yes	Yes	Yes	No
	Ongito Dispensary	No	No	Yes	Yes	Yes	No
	Osogo Dispensary	No	No	Yes	Yes	Yes	No
	Othoro Sub County Hospital	No	No	Yes	Yes	Yes	No

Sub-County	Facility	HR1	HR2	HR3	HR4	HR5	HR6
	Oyani SDA dispensary	No	No	Yes	Yes	Yes	No
	Oyani Sub County Hospital	No	No	Yes	Yes	Yes	No
	Piny Owacho Dispensary	No	No	Yes	Yes	Yes	No
	Rae Kondiala Dispensary	No	No	Yes	Yes	Yes	No
	Sibuoch dispensary	No	No	Yes	Yes	Yes	No
	St. Monica Rapogi	No	No	Yes	Yes	Yes	No
	Thim Jope	Yes	No	Yes	Yes	Yes	No
	Uriri Sub county hospital	No	No	Yes	Yes	Yes	No
	Wanginya Dispensary	No	No	Yes	Yes	Yes	No
COMPLIANT		24	1	96	96	98	5
NON-COMPLIANT		74	97	2	2	0	93

Key Audit Procedures

HR1	Did the facility have adequate staff to carry out the Covid-19 vaccination (See guide from 5.1 below)
HR2	Did these staff have separation of roles and if not was the staff trained to handle other roles? (See guide from 5.1 below)
HR3	Were health Care Workers (HCW) trained before commencement of covid-19 Vaccination at the facility? (HCW should be trained before being issued with vaccines to administer)
HR4	Were the health care workers adequately trained on vaccine administration? What did the training entail training?
HR5	Have you obtained the details of the facility's staff(involved in Covid-19 vaccination) as follows
HR6	Has any staff of the facility been used in training other staff? I.e. CHV with Job Description of Trained on Mobilization, Awareness creation

Appendix 11: Coordination of Players at County Level – Migori County

County	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
Migori County	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes
Compliant	0	1	0	1	1	0	1	1	1
Non-Compliant	1	0	1	0	0	1	0	0	0

KEY/DETAILS:

CP1	Was a coordination taskforce/committee at the county and Sub County formed?
CP2	Did the task force /committee have terms of reference?
CP3	Were the tors executed?
CP4	Did the county receive any directives/advisory/instruction from the national government in relation to covid-19 vaccination?
CP5	Did the county/Sub County taskforce communicate to the National Task force?
CP6	Did the committee/task force keep minutes of their meetings?
CP7	Did the county/Sub County carry out any advocacy?
CP8	Did the county/Sub County carried out mobilization?
CP9	Did the county/Sub County carry out any outreaches?

Appendix 12: Coordination of Players at Sub County Level – Migori County

Audit Procedure	CP1	CP2	CP3	CP4	CP5	CP6	CP7	CP8	CP9
Awendo	No	Yes	No	Yes	No	No	No	No	No
Kuria East	No	Yes	No	Yes	Yes	No	No	No	No
Kuria West	No	Yes	No	Yes	No	No	Yes	Yes	Yes
Nyatike	No	Yes	No	Yes	No	No	No	Yes	No
Rongo	No	Yes	No	Yes	No	No	No	No	No
Suna East	No	Yes	No	Yes	No	No	Yes	Yes	Yes
Suna West	No	Yes	No	Yes	No	No	No	No	Yes
Uriri	No	Yes	No	Yes	Yes	No	No	No	No
COMPLIANT	0	8	0	8	2	0	2	3	3
NON-COMPLIANT	8	0	8	0	6	8	6	5	5

Key/Detail

CP1	Was a coordination taskforce/committee at the county and sub-county formed?
CP2	Did the task force /committee have terms of reference?
CP3	Were the tors executed?
CP4	Did the county receive any directives/advisory/instruction from the national government in relation to covid-19 vaccination?
CP5	Did the county/sub county taskforce communicate to the National Task force?
CP6	Did the committee/task force keep minutes of their meetings? Review the minutes of the different committees and note whether resolutions were implemented and any gaps in coordination (Populate the findings in the remarks column)
CP7	Did the county/sub county carry out any advocacy?
CP8	Did the county/sub county carried out mobilization?
CP9	Did the county/sub county carry out any outreaches?

Appendix 13: Coordination of Players at Facility Level – Migori County

Sub-County	Facility	CP1	CP2	CP3	CP4	CP5
Awendo	Awendo Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Dede Health Centre	Yes	Yes	Yes	Yes	Yes
	Kwoyo Kodalo Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyakuru Dispensary	Yes	Yes	Yes	Yes	Yes
	Rabondo Hospital	Yes	Yes	Yes	Yes	Yes
Kuria East	Rapcom Hospital	Yes	Yes	Yes	Yes	Yes
	Ulanda Mission Hospital	Yes	Yes	Yes	Yes	Yes
	Kegonga Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Ntimaru Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Wima Hospital	Yes	Yes	Yes	Yes	Yes
Kuria West	Isebania sub-county hospital	Yes	Yes	Yes	Yes	Yes
	Kehancha sub-county hospital	Yes	Yes	Yes	Yes	Yes
	Samjomen Hospital	Yes	Yes	Yes	Yes	Yes
	Aego Sagenya Dispensary	Yes	Yes	Yes	Yes	Yes
	Ageng'a Dispensary	Yes	Yes	Yes	Yes	Yes
Nyatike	Aneko Dispensary	Yes	Yes	Yes	Yes	Yes
	Apilo Dispensary	Yes	Yes	Yes	Yes	Yes
	Bande Dispensary	Yes	Yes	Yes	Yes	Yes
	Duruma Dispensary	Yes	Yes	Yes	Yes	Yes
	Got Kachola Dispensary	Yes	Yes	Yes	Yes	Yes
	Got Orango Dispensary	Yes	Yes	Yes	Yes	Yes
	Kabuto Dispensary	Yes	Yes	Yes	Yes	Yes
	Kadem Tb and Liprosy	Yes	Yes	Yes	Yes	Yes
	Kambato Dispensary	Yes	Yes	Yes	Yes	Yes
	Kanga Onditi Dispensary	Yes	Yes	Yes	Yes	Yes
	Karungu Sub County Hospital	Yes	Yes	Yes	Yes	Yes

Sub-County	Facility	CP1	CP2	CP3	CP4	CP5
	Kipingi Dispensary	Yes	Yes	Yes	Yes	Yes
	Kituka Dispensary	Yes	Yes	Yes	Yes	Yes
	Lwanda Dispensary	Yes	Yes	Yes	Yes	Yes
	Macalder	Yes	Yes	Yes	Yes	Yes
	Mugambo Dispensary	Yes	Yes	Yes	Yes	Yes
	Muhuru Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Namba Kodero Dispensary	Yes	Yes	Yes	Yes	Yes
	Ndiwa Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyakurungoto Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyamanga Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyamongo Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyandango Koweru	Yes	Yes	Yes	Yes	Yes
	Obware Dispensary	Yes	Yes	Yes	Yes	Yes
	Ochuna Dispensary	Yes	Yes	Yes	Yes	Yes
	Ogongo Dispensary	Yes	Yes	Yes	Yes	Yes
	Olas Dispensary	Yes	Yes	Yes	Yes	Yes
	Otati Dispensary	Yes	Yes	Yes	Yes	Yes
	Othoc Rakuom Dispensary	Yes	Yes	Yes	Yes	Yes
	Saint Camillas Sori	Yes	Yes	Yes	Yes	Yes
	Sori Lake Side Hospital	Yes	Yes	Yes	Yes	Yes
	Thim Lich Dispensary	Yes	Yes	Yes	Yes	Yes
	Wath Ong'er Dispensary	Yes	Yes	Yes	Yes	Yes
	Winjo Dispensary	Yes	Yes	Yes	Yes	Yes
	Yago Dispensary	Yes	Yes	Yes	Yes	Yes
Rongo	Lwala Community Hospital	Yes	Yes	Yes	Yes	Yes
	Rongo Sub-County Hospital	Yes	Yes	Yes	Yes	Yes
	Royal Hospital	Yes	Yes	Yes	Yes	Yes

Sub-County	Facility	CP1	CP2	CP3	CP4	CP5
Suna West	Akidiva Memorial Hospital	Yes	Yes	Yes	Yes	Yes
	Giribe Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyamara Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Ojele Memorial Hospital	Yes	Yes	Yes	Yes	Yes
	Oruba Dispensary	Yes	Yes	Yes	Yes	Yes
	Oruba Nursing Home	Yes	Yes	Yes	Yes	Yes
	Pastor Machanje Hospital	Yes	Yes	Yes	Yes	Yes
	Aniego dispensary	Yes	Yes	Yes	Yes	Yes
	Enockhan	Yes	Yes	Yes	Yes	Yes
	GK Prison Dispensary	Yes	Yes	Yes	Yes	Yes
	God Joje Dispensary	Yes	Yes	Yes	Yes	Yes
	Midoti Dispensary	Yes	Yes	Yes	Yes	Yes
	Migori County Referral Hospital	Yes	Yes	Yes	Yes	Yes
	Nyamanga Nyaliande Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyarongi dispensary	Yes	Yes	Yes	Yes	Yes
	Ogwedhi Health Centre	Yes	Yes	Yes	Yes	Yes
	Ondong' Dispensary	Yes	Yes	Yes	Yes	Yes
	Osingo Dispensary	Yes	Yes	Yes	Yes	Yes
	Saro Dispensary	Yes	Yes	Yes	Yes	Yes
Uriti	St. Joseph Mission Hospital	Yes	Yes	Yes	Yes	Yes
	Suna Rabuor	Yes	Yes	Yes	Yes	Yes
	Bware Health Centre	Yes	Yes	Yes	Yes	Yes
	Kamsaki Dispensary	Yes	Yes	Yes	Yes	Yes
	Kolwal Dispensary	Yes	Yes	Yes	Yes	Yes
	Koringo Dispensary	Yes	Yes	Yes	Yes	Yes
	Midida Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyamage Dispensary	Yes	Yes	Yes	Yes	Yes

Sub-County	Facility	CP1	CP2	CP3	CP4	CP5
	Nyasoko Dispensary	Yes	Yes	Yes	Yes	Yes
	Ombo Kowiti Dispensary	Yes	Yes	Yes	Yes	Yes
	Ongito Dispensary	Yes	Yes	Yes	Yes	Yes
	Osogo Dispensary	Yes	Yes	Yes	Yes	Yes
	Oyani SDA dispensary	Yes	Yes	Yes	Yes	Yes
	Oyani Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Rae Kondiala dispensary	Yes	Yes	Yes	Yes	Yes
	Sibuochi Dispensary	Yes	Yes	Yes	Yes	Yes
	Thim Joje Dispensary	Yes	Yes	Yes	Yes	Yes
	Koloo Dispensary	Yes	Yes	Yes	Yes	Yes
	Lwala Nyarago Dispensary	Yes	Yes	Yes	Yes	Yes
	Nyamasare Dispensary	Yes	Yes	Yes	Yes	Yes
	Omuloo Dispensary	Yes	Yes	Yes	Yes	Yes
	Othoro Sub County Hospital	Yes	Yes	Yes	Yes	Yes
	Piny Owacho Dispensary	Yes	Yes	Yes	Yes	Yes
	St. Monica Rapogi	Yes	Yes	Yes	Yes	Yes
	Wang'ya Dispensary	Yes	Yes	Yes	Yes	Yes
	Urii Sub County hospital	Yes	Yes	Yes	Yes	Yes
COMPLAINT		98	98	98	98	98
NON-COMPLIANT		0	0	0	0	0

KEY/DETAIL

CP1	Does the facility receive covid-19 vaccine related directives/information from the National/county?
CP2	Did the facility receive communication from the National/county/Sub County government
CP3	Has the Facility carried out advocacy?
CP4	Has the Facility carried out mobilization?
CP5	Did the Facility carry out any outreaches?

Appendix 14: Monitoring and Supervision at County Level – Migori County

County	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15
Migori County	YES	No	No	No	Yes	Yes	No	No	Yes	Yes	No	No	No	No	No
COMPLIANT	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1
NON-COMPLIANT	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0

KEY/DETAILS :

M1	Did the County designate an in charge/Committee for monitoring covid 19 vaccine rollout?
M2	Were there terms of reference for the M&E committee?
M3	Were there reports of the M & E committee
M4	Are the recommendation of the monitoring and evaluation team implemented?
M5	Did the county receive any tablets from the Ministry?
M6	Were the tablets distributed?
M7	Are the tablets in good working conditions?
M8	Are the Personnel involved in the rollout been receiving airtime?
M9	Did the county/Sub County put in place any measures to ensure patients report adverse effect?
M10	Has the County/Sub County/facility received Adverse effect booklet etc. that are required to report adverse effects?
M11	Has the Sub County/facility experienced any instance of adverse effect?
M12	Does the County/Sub County/Facility monitor temperature during transportation of vaccines?
M13	Does the County/Sub County record temperature every morning and evening in the temperature monitoring chart?
M14	Does the County/Sub County/Facility monitor for the expiry of the vaccines?
M15	Has the Sub County/County monitored the Pfizer and Moderna vaccines for the 30 days expiry period after thawing?

Appendix 15: Monitoring and Supervision at Sub County Level – Migori County

Sub County	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15
Awendo	NO	YES	YES	NO	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	YES
Kuria East	NO	YES	YES	NO	YES	YES	YES	NO	NO	NO	NO	NO	YES	YES	YES
Kuria West	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	YES
Nyatike	YES	YES	YES	NO	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	YES
Rongo	NO	YES	YES	NO	YES	YES	NO	NO	NO	YES	YES	YES	YES	YES	YES
Suna East	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	YES
Suna West	YES	YES	YES	NO	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	YES
Uriti	YES	YES	YES	NO	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES
COMPLIANT	5	8	8	2	8	8	7	0	0	2	2	7	8	8	8
NON-COMPLIANT	3	0	0	6	0	0	1	8	8	6	6	1	0	0	0

KEY/DETAILS

M1	Did the County designate an in charge for monitoring covid-19 vaccine rollout?
M2	Were there terms of reference for the M&E committee?
M3	Were there reports of the M & E committee
M4	Are the recommendation of monitoring and evaluation committee implemented?
M5	Did the county receive any tablets from the Ministry?
M6	Were the tablets distributed?
M7	Are the tablets in good working conditions?
M8	Are the Personnel involved in the rollout been receiving airtime?
M9	Did the county/Sub County put in place any measures to ensure patients report adverse effect?
M10	Has the County/sub county/facility received Adverse effect booklet etc. that are required to report adverse effects?
M11	Has the sub county/facility experienced any instance of adverse effect?
M12	Does the County/Sub-county/Facility monitor temperature during transportation of vaccines?
M13	Does the County/Sub-county record temperature every morning and evening in the temperature monitoring chart?
M14	Does the County/Sub-county/Facility monitor for the expiry of the vaccines?
M15	Has the Sub County/County monitored the Pfizer and Moderna vaccines for the 30 days expiry period after thawing?

Appendix 16: Monitoring & Supervision at Facility Level – Migori County

Sub-County	Facility	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11
Awendo	Awendo Sub County Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Kwoyo Kodalo	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyakuru Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Rabondo Hospital	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Rapcom Hospital	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Dede Health Centre	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Ulanda Mission Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Kegongga Sub County Hospital	No	No	N/a	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Ntimaru Sub County Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Wima Hospital	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Isebania Sub-county Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Kurita West	Kehancha Sub-county Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Samjomen Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Aego Sagenya Dispensary	No	No	N/a	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Ageng`a Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Aneko Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Apilo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Bande Dispensary	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Duruma Dispensary	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Got Kachola Dispensary	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Got Orango Dispensary	No	No	N/a	Yes	Yes	No	Yes	No	Yes	Yes	No
	Kabuto Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Nyatike	Kadem Tb And Liprosy	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Kambato Dispensary	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	Kanga Onditi Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Karungu Sub County Hospital	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes

Sub-County	Facility	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11
	Kipingi Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Kituka Dispensary	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Lwanda Dispensary	No	No	N/a	Yes	Yes	No	Yes	No	Yes	Yes	Yes
	Macalder	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No
	Mugambo Dispensary	No	No	N/a	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	Muhuru Sub County Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Namba Kodero Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Ndiwa Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyakurungoto Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyamanga Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyamongo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyandango Koweru	No	No	N/a	Yes	Yes	No	Yes	No	Yes	Yes	Yes
	Obware Dispensary	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	Ochuna Dispensary	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Ogongo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Oiasi Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Otati Dispensary	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Othoc Rakuom Dispensary	No	No	N/a	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Saint Camillas Sori	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Sori Lake Side Hospital	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Thim Lich Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Wath Ong'ler Dispensary	Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No
	Winjo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Yago Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	No
Rongo	Lwala Community Hospital	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Rongo Sub-county Hospital	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Royal Hospital	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

Sub-County	Facility	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11
Suna West	Akidiva Memorial Hospital	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Giribe Dispensary	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	No
	Nyamara Sub County Hospital	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Ojele Memorial Hospital	No	No	N/a	Yes	Yes	No	Yes	No	Yes	Yes	Yes
	Oruba Dispensary	No	No	N/a	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	Oruba Nursing Home	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes
	Pastor Machanje Hospital	No	No	N/a	Yes	Yes	No	Yes	No	Yes	Yes	Yes
	Anjengo Dispensary	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Enockhan	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	GK Prison Dispensary	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	God Jope Dispensary	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Midoti Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Migori County Referral Hospital	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyamanga Nyaliande Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyarongi Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Suna East	Ogwedhi Health Centre	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Ondong' Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Osingo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Saro Dispensary	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	St. Joseph Mission Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Suna Rabuor	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Bware Health Centre	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Kamsaki Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Koloo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Kolwal Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Koringo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Lwala Nyarago Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

Sub-County	Facility	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11
	Midida Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyamage Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyamasare Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nyasoko Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Ombo Kowiti Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Omulo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Ongito Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Osogo Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Othoro Sub County Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Oyani Sda Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Piny Owacho Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Rae Kondiala Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Sibuochi Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	St. Monica Rapogi	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Thim Joje Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Uri Sub County Hospital	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Wangiya Dispensary	No	No	N/a	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Oyani Sub County	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
COMPLIANT		33	0	27	96	93	2	88	90	98	98	93
NON-COMPLIANT		65	98	8	2	5	96	10	8	0	0	5

KEY/DETAIL:

M1	Did The Facility Receive Any Tablets For Covid 19 Vaccine Data Entry?
M11	Has The County/sub county/facility Been Making Use Of The Temperature Monitoring Tools?
M2	Has The Facility Staff Been Receiving Airtime On Time?
M3	Are The Tablets In Good Working Conditions?
M4	Has The County/sub county/facility Put In Place To Ensure Patients Report Adverse Effect
M5	Has The County/sub county/facility Received Any Adverse Effect Booklet Etc. That Are Required To Report Adverse Effects?
M6	Has The Sub county/facility Experienced Any Instance Of Adverse Effect?
M7	Does The County/sub-county/facility Monitor Temperature During Transportation of Vaccines
M8	Does The County/sub-county Record Temperature Every Morning And Evening In The Temperature Monitoring Chart
M9	Does The County/sub-county/facility Monitor For The Expiry Of The Vaccines?
M10	Are The Pfizer And Moderna Vaccines Been Monitored For The 30 Days Expiry Period After Thawing?

CONTACTS

Office of the Auditor General

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Office of the Auditor-General
Anniversary Towers
P.O. Box 30084 - 00100 Nairobi, Kenya
Tel: 254 20 3214000
E-mail: info@oagkenya.go.ke



@OAG_Kenya



Office of the Auditor-General Kenya



www.oagkenya.go.ke



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