

Table D6. Types of Data Included in Completed Inventory Reports for HIV Test Kits and ARVs

	Warehouse	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
SOH	.	.	92.9%	100.0%	100.0%	99.4%
Receipts	.	.	100.0%	85.3%	69.6%	78.3%
Quantities Used	.	.	85.7%	86.7%	88.7%	87.9%
Losses and Adjustments	.	.	28.6%	39.3%	27.3%	31.5%

Table D7. Logistics Information Included in Completed Inventory Report for HIV Test Kits and ARVs

	Warehouse	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
SOH	.	.	100.0%	100.0%	96.2%	98.0%
Quantities Used	.	.	100.0%	96.6%	96.2%	96.7%
Losses and Adjustments	.	.	35.7%	55.5%	46.1%	48.1%

Table D8. Where Inventory Reports for HIV Test Kits and ARVs Are Sent

	Warehouse	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
Supervisory Facility	.	.	28.6%	19.2%	3.8%	11.5%
District Health Office	.	.	0.0%	45.8%	42.0%	39.9%
District Store	.	.	14.3%	31.6%	58.0%	43.9%
Regional Store	.	.	14.3%	11.7%	11.3%	11.5%
State NACO/DAC Office	.	.	57.1%	29.3%	3.8%	18.2%
Central (Delhi) NACO/DAC Office	.	.	14.3%	0.0%	0.0%	1.2%
Do Not Know	.	.	7.1%	0.0%	0.0%	0.6%

Table D9. Frequency of Inventory Reports for HIV Test Kits and ARVs Sent to Higher Level

	Warehouse	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
Weekly	.	.	7.1%	6.1%	3.8%	4.9%
Monthly	.	.	85.7%	91.8%	92.5%	91.7%
Quarterly	.	.	7.1%	2.1%	0.0%	1.4%
Semi-annually	.	.	0.0%	0.0%	3.8%	2.0%
Annually	.	.	0.0%	0.0%	3.8%	2.0%

Table D10. How Staff learned to Complete Forms/Records for Managing HIV Test Kits and ARVs

	Warehouse	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
During a Logistics Workshop	.	.	21.4%	9.5%	15.0%	14.6%
On-the-Job Training	.	.	35.7%	50.6%	38.6%	42.3%
Never Been Trained	.	.	57.1%	36.4%	50.2%	45.1%

Table D11. Responsibility for Determining Which HIV Test Kits and ARVs to Order and the Quantity

	Warehouse	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
The Facility Itself	.	.	92.9%	76.3%	61.8%	69.6%
The Supervising Facility	.	.	7.1%	7.6%	22.6%	15.5%
District Chief Pharmacist/Civil Surgeon	.	.	7.1%	18.4%	27.0%	21.8%
Regional Warehouse	.	.	0.0%	2.6%	0.0%	0.9%
State Health Mission	.	.	7.1%	0.0%	3.8%	3.2%
Other	.	.	7.1%	3.4%	0.0%	1.9%

Table D12. Responsibility for Transporting HIV Test Kits and ARVs to the Facility

	Ware-house	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
Drug Manufacturer Delivers	.	.	7.1%	0.0%	0.0%	1.2%
Local Supplier Delivers	.	.	0.0%	10.8%	19.4%	14.4%
Higher Level Delivers	.	.	28.6%	32.9%	37.9%	35.4%
This Facility Collects	.	.	71.4%	58.5%	73.0%	66.7%
Other	.	.	0.0%	9.4%	0.0%	3.4%

Table D13. Other Sources of Supply for HIV Test Kits and ARVs Used in Previous Six Months

	Ware-house	District Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
Central Government	.	.	14.3%	0.0%	3.8%	3.8%
Regional Warehouse	.	.	14.3%	10.7%	8.2%	9.5%
District Warehouse/Central Store	.	.	14.3%	40.3%	46.1%	40.7%
Higher-level Facility Warehouse	.	.	14.3%	9.1%	7.5%	8.6%
Local/Private Supplier	.	.	0.0%	15.4%	7.8%	9.8%
Donated by NGO	.	.	0.0%	6.0%	0.0%	2.2%
None	.	.	50.0%	31.5%	26.6%	30.7%

Table D14. Steps Taken Before Storing HIV Test Kits and ARVs Once Products Are Received at Facility

	Ware-house	Distri ct Store	General Hospitals (n=14)	CHCs (n=28)	PHCs (n=26)	Total (n=70)
Verify Product against Packing Slip	.	.	100.0%	96.6%	88.7%	92.7%
Count Product to Verify Quantity	.	.	100.0%	96.6%	88.7%	92.7%
Add Quantity to Stockcard/Bin Card/Stock Registry	.	.	92.9%	93.2%	76.5%	84.3%
Add Quantity to Computer System	.	.	71.4%	25.9%	27.6%	31.6%

Appendix E

Commodities Included in the Assessment

	Medicines/ Product	Formulation	Type of Supply Chain				Required Availability by Level of Care (According to EML or Other Guideline)				RMNCH +A Matrix
			SHM/ HMSC L	Family Planning	Vaccines	RTI/STI and HIV and AIDS	General Hospital	CHC	PHC	SC	
1	Albendazole	400 mg	x				x	x	x	x	x
2	Ampicillin	Injection powder 500 mg	x				x	x	x		x
3	Amoxicillin	Capsules 250 mg	x				x	x	x		x
4	Azithromycin	500 mg	x				x	x	x		
5	Cefixime	200 mg	x				x	x	x		
6	Ceftriaxone	Injection powder 250 mg	x				x	x	x		x
7	Co-trimoxazole (Sulfamethoxazole- Trimethoprim)	100 mg sulfamethoxazole + 20 mg trimethoprim	x				x	x	x	x	x
8	Co-trimoxazole	800 mg sulfamethoxazole + 160 mg trimethoprim	x				x	x	x		x
9	Dexamethasone	Injection	x				x	x	x	x	x
10	Doxycycline	100 mg	x				x	x	x		

	Medicines/ Product	Formulation	Type of Supply Chain				Required Availability by Level of Care (According to EML or Other Guideline)				RMNCH +A Matrix
			SHM/ HMSC L	Family Planning	Vaccines	RTI/STI and HIV and AIDS	General Hospital	CHC	PHC	SC	
11	Gentamycin	40 mg/ml (injection)	x				x	x	x		x
12	Iron folic acid (IFA) tablets (Blue) (IFA- WIFs)	100 mg iron + 500 mcg folic acid	x				x	x	x	x	x
13	Iron folic acid (IFA) tablets (Red)	100 mg iron + 500 mcg folic acid	x				x	x	x	x	x
14	Iron folic acid (IFA) Syrup	100 mg iron + 500 mcg folic acid / 5 ml	x				x	x	x	x	x
15	Magnesium Sulfate	500 mg/ml, 1 ml ampoule	x				x	x	x	x	x
16	Methyldopa	Tablet 250 mg	x				x	x	x		x
17	Metronidazole	Tablets 200 mg	x				x	x	x	x	x
18	Misoprostol	Tablet 200 mcg	x				x	x	x	x	x
19	ORS	Packets	x				x	x	x	x	x
20	Oxytocin	Injection (5 IU / 1 ml ampoule)	x				x	x	x	x	x
21	Vitamin A Syrup	Suspension 100000 IU/ml	x				x	x	x	x	x
22	Vitamin K	Injection (1 ml)	x				x	x	x	x	x
23	Zinc Sulfate	Tablets 20 mg	x				x	x	x	x	x
24	BCG	Injection			x		x	x	x	x	x
25	DPT	Injection			x		x	x	x	x	x
26	Hepatitis B (Vaccine)	Injection			x		x	x	x	x	x
27	Measles (Vaccine)	Injection			x		x	x	x	x	x

	Medicines/ Product	Formulation	Type of Supply Chain				Required Availability by Level of Care (According to EML or Other Guideline)				RMNCH +A Matrix
			SHM/ HMSC L	Family Planning	Vaccines	RTI/STI and HIV and AIDS	General Hospital	CHC	PHC	SC	
28	Oral Polio Vaccine (OPV)	Oral Vials			x		x	x	x	x	x
29	Tetanus Toxoid (TT)	Injection	x				x	x	x	x	x
30	Condoms	Any (1 or pack of three)		x			x	x	x	x	x
31	Emergency Contraception	Any		x			x	x	x	x	x
32	IUCDs	Copper T 380A		x			x	x	x	x	x
33	Oral contraceptive pills	Any		x			x	x	x	x	x
34	Pregnancy Test Kits	Any		x			x	x	x	x	x
35	Efavirenz (EFV)	600 mg tablets				x	x	x			
36	Nevirapine (NVP)	Oral suspension (10 mg/ml)				x	x	x			
37	RTI/STI Treatment Kit 1 (Grey)	Tb. Azithromycin 1 g /Cefixime 400 mg				x	x	x	x		x
38	RTI/STI Treatment Kit 4 (Blue)	Tb. Doxycycline 100 mg and Azithromycin 1 g				x	x	x	x		x
39	RTI/STI Treatment Kit 6 (Yellow)	Tb. Cefixime 400 mg/ Metronidazole 400 mg/ Doxycycline 100 mg				x	x	x	x		x

	Medicines/ Product	Formulation	Type of Supply Chain				Required Availability by Level of Care (According to EML or Other Guideline)				RMNCH +A Matrix
			SHM/ HMSC L	Family Planning	Vaccines	RTI/STI and HIV and AIDS	General Hospital	CHC	PHC	SC	
40	TL Combo	Tb, Lamivudine (3TC) 300 mg+ Tenofovir (TDF) 300 mg (disoproxil fumarate)				x	x	x			
41	ZLN Combo –	Lamivudine (3TC) 150 mg+ Nevirapine (NVP) 200 mg + Zidovudine (AZT) 300 mg				x	x	x			
42	HIV Test Kit	Whole Blood Finger Prick Test Kit Type I				x	x	x	x		

Appendix F

Individual Storage Conditions

	All Products Stored Together	Essential Medicines	Family Planning	Family Planning + Vaccines	HIV	Vaccines
Products that are ready for distribution are arranged so identification labels and expiry dates or manufacturing dates are visible.	71.3%	80.7%	96.5%		100.0%	66.9%
Products are stored and organized in a manner accessible for FEFO counting and general management.	73.7%	79.3%	86.5%	67.3%	100.0%	66.9%
Cartons and products are in good condition, not crushed due to mishandling.	70.9%	66.6%	77.4%	75.1%	100.0%	66.9%
The facility makes it a practice to separate damaged or expired products from usable products and removes them from inventory.	84.8%	83.9%	62.9%	85.7%	100.0%	94.0%
Products are protected from direct sunlight.	96.9%	92.1%	90.0%	76.6%	93.9%	94.0%
Cartons and products are protected from water and humidity.	87.1%	85.3%	88.5%	87.6%	100.0%	94.0%
Storage area is visually free from garbage/clutter, harmful insects, and rodents.	81.3%	83.2%	79.1%	74.6%	100.0%	74.0%
Storage area is secured with a lock and key.	93.7%	88.3%	87.8%	99.5%	100.0%	80.0%

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