

Supplementary File

Table 1 Updated and accurate data of bin cards by product and facility type in East Gojjam Zone, March 2018 (hospitals n=5, health centers n =15)

Product	Bin card updated		Accurate			Near accurate (+/-10%)*		
	Hospital n(%)	Health center n(%)	Hospital n (%)	Health centers n (%)	Total n(%)	Hospital n (%)	Health center n (%)	Total n(%)
ARV								
EFV 200mg	5(100)	11 (73.3)	3(60)	11(73.3)	9(45)	4(80)	14(93.3)	18(90)
EFV 50mg	3(60)	13 (87.7)	4(80)	9(60)	13(65)	4(80)	11(73.3)	15(75)
EFV 600mg	5(100)	13 (87.7)	3(60)	11(73.3)	9(45)	3(60)	14(93.3)	17(85)
3TC 150mg	4(80)	10(66.7)	3(60)	8(53.3)	10(50)	4(80)	9(60)	13(65)
3TC+ TDF	5(100)	15 (100)	4(80)	11(73.3)	15(75)	4(80)	15(100)	19(95)
(300/300)								
3TC+NVP+AZT(c hild dose)	5(100)	12 (80)	3(60)	10(66.7)	10(50)	3(60)	12(80)	15(75)
3TC +NVP +AZT(adultdose)	4(80)	11(73.3)	4(80)	8(53.3)	11(55)	4(80)	13(86.7)	17(85)
3TC +AZT (child)	3(60)	8(53.30)	3(60)	9(60)	12(60)	3(60)	12(80)	15(75)
3TC + EFV+TDF (300/600/300)	5(100)	15 (100)	4(80)	10(66.7)	14(70)	4(80)	11(73.3)	15(75)
3TC+ AZT(adult)	5(100)	10(66.7)	3(60)	9(60)	12(60)	3(60)	9(60)	12(60)
NVP Suspension	4(80)	10(66.7)	2(40)	6(40)	9(45)	2(40)	13(86.7)	15(75)
NVP 200mg	2(40)	8(53.3)	3(60)	8(53.3)	9(45)	4(80)	11(73.3)	15(75)
Subtotal	50(83.3)	136(76)	39(65)	110(61.1)	149(62.1)	42(70)	144(80)	186(77.5)
FP/MCH								
Implanon	3(60)	12(80)	4(80)	10(66.7)	14(70)	4(80)	11(73.3)	15(75)
Jadelle	4(80)	14(93.3)	3(60)	11(73.3)	14(70)	4(80)	15(100)	19(95)
Emergency Pills/2	5(100)	14(93.3)	5(100)	12(80)	17(85)	5(100)	12(80)	17(85)
Microgynon	5(100)	10(66.7)	4(80)	10(66.7)	14(70)	4(80)	12(80)	16(80)
Depo Provera	5(100)	15(100)	3(60)	13(86.6)	16(80)	3(60)	14(93.3)	17(85)
CUT380A	4(80)	12(80)	4(80)	11(73.3)	15(75)	4(80)	11(73.3)	15(75)
Oxytocin Injection	3(60)	8(53.3)	2(40)	8(53.3)	10(50)	3(60)	12(80)	15(75)

Mini Pills	4(80)	10(66.7)	3(60)	12(80)	15(75)	4(80)	14(93.3)	18(90)
Sub-total	33(82.5)	95(79.2)	28(70)	87(72.5)	115(71.9)	31(77.5)	101(84.2)	132(82.5)
Anti-TB								
INH 300mg	4(80)	12(80)	2(40)	9 (60)	11(55)	4(80)	13(86.7)	17(85)
(RHZE+RH) kit	5(100)	14(93.3)	5(100)	10(66.7)	15(75)	5(100)	10(66.7)	15(75)
Ethambutol 400mg	3(60)	11(73.3)	3(60)	8 (53.3)	11(55)	3(60)	11(73.3)	14(70)
RHZ (60/ 30/150)	4(80)	12(80)	3(60)	5(33.3)	8(40)	4(80)	8(53.3)	12(60)
RH (60/30)	5(100)	11(73.3)	4(80)	9(60)	13(65)	4(80)	12(80)	16(80)
Ethambutol 100mg	3(60)	7(46.7)	2(40)	3(20)	5(25)	2(40)	9(60)	11(55)
INH 100 mg	3(60)	11(73.3)	3(60)	10(66.7)	13(65)	3(60)	12(80)	15(75)
RH (150/75)	4(80)	10(66.7)	4(80)	9(60)	13(65)	4(80)	9(60)	13(65)
RHZ (75/50/150)	5(100)	12(80)	4(80)	7(46.7)	11(55)	4(80)	10(66.7)	14(70)
Sub total	36(80)	100(74.1)	30(66.7)	70(51.8)	100(55.6)	33(73.3)	94(69.6)	127(71)
Anti-Malaria								
Coartem (4x6)	5(100)	13(86.7)	3(60)	12(80)	16(80)	4(80)	14(93.3)	18(90)
Chloroquine syrup	3(60)	10(66.7)	2(40)	11(33.3)	7(35)	2(40)	12(80)	14(70)
Quinine 300mg	2(40)	12(80)	3(60)	13 (53.3)	11(55)	4(80)	13(86.7)	17(85)
Sub-total	10(66.7)	35(77.7)	8(53.3)	36(80)	44(73.3)	10(66.7)	39(86.7)	49(81.7)
Total	129(80.6)	366(76.25)	105(65.6)	303(63)	408(63.8)	116(72.5)	378(78.8)	494(77.2)

* Near accuracy includes exact accuracy and those within less than a 10 percent discrepancy

Table 2: Data accuracy of RRF reports by product and facility type in East Gojjam Zone, March 2018 ((hospitals n=5, (RRF=13), health centers n=15, (RRF=42)).

Product	Accurate RRF			Near accurate RRF (+/-10%)*		
	Hospital n (%)	Health center n (%)	Total n (%)	Hospital n (%)	Health center n (%)	Total n (%)
ARV						
EFV 200mg	7(53.8)	22(52.3)	29(52.7)	12(92.3)	30(71.4)	42(76.4)
EFV 50mg	9 (69.2)	24(51.1)	33(60)	10(76.9)	27(64.3)	37(67.3)
EFV 600mg	10(76.9)	31(73.8)	41(74.5)	10(76.9)	34(81)	44(80)
3TC 150mg	8 (61.5)	23(54.8)	31(56.4)	9 (69.2)	32(76.2)	41(74.5)
3TC+ TDF (300/300)	10(76.9)	32(76.2)	42(76.4)	11(84.6)	33(78.6)	44(80)
3TC+NVP+AZT (child dose)	7(53.8)	30(71.4)	37(67.3)	9 (69.2)	36(85.7)	45(81.8)
3TC +NVP +AZT (adult dose)	8(61.5)	21(50)	29(52.7)	10(76.9)	30(71.4)	40(72.7)
3TC +AZT (child)	9 (69.2)	19(45.2)	28(50.9)	9 (69.2)	29(69)	38(69.1)
3TC + EFV+TDF (300/600/300)	11(84.6)	25(59.5)	36(65.5)	12(92.3)	28(66.7)	40(72.7)
3TC+ AZT (adult)	9 (69.2)	16(38.1)	25(45.5)	10(76.9)	25(59.5)	35(63.6)
NVP Suspension	10(76.9)	22(52.4)	32(58.2)	12(92.3)	26(61.9)	38(69.1)
NVP 200mg	8(61.5)	13(31)	21(38.2)	10(76.9)	23(54.8)	33(60)
Sub-total	106(67.9)	278(55.2)	384(58.2)	124(79.5)	353(70)	477(72.3)
FP/MCH						
Implanon	10(76.9)	27(64.3)	37(67.3)	10(76.9)	27(64.3)	37(67.3)
Jadelle	9 (69.2)	22(52.4)	31(56.4)	9 (69.2)	30(71.4)	39(70.9)
Emergency Pills/2	10(76.9)	22(52.4)	32(58.2)	12(92.3)	27(64.3)	39(70.9)
Microgynon	10(76.9)	25(59.5)	35(63.6)	11(84.6)	29(69)	40(72.7)
Depo Provera	12(92.3)	33(78.5)	45(81.8)	12(92.3)	34(81)	46(83.6)
CUT380A	8(61.5)	31(73.8)	39(70.9)	11(84.6)	31(73.8)	42(76.4)
Oxytocin Injection	9 (69.2)	21(50)	30(54.5)	10(76.9)	24(57.1)	34(61.8)
Mini Pills	10(76.9)	23(54.8)	33(60)	10(76.9)	28(66.7)	38(69.1)
Sub-total	78(75)	204(60.7)	282(64.1)	85(81.7)	230(68.5)	315(71.6)
Anti-TB						
INH 300mg	11(84.6)	26(61.9)	37(67.3)	12(92.3)	29(69)	41(74.5)
(RHZE+RH) kit	13(100)	35(83.3)	48(87.3)	13(100)	36(85.7)	49(89.1)
Ethambutol 400mg	8(61.5)	23(54.8)	31(56.4)	10(76.9)	26(61.9)	36(65.5)
RHZ (60/ 30 /150)	9 (69.2)	27(64.3)	36(65.5)	9 (69.2)	27(64.3)	36(65.5)
RH (60/30)	9 (69.2)	31(73.8)	40(72.7)	11(84.6)	36(85.7)	47(85.5)
Ethambutol 100mg	10(76.9)	22(52.4)	32(58.2)	12(92.3)	29(69)	41(74.5)
INH 100 mg	8(61.5)	22(52.4)	30(54.5)	10(76.9)	28(66.7)	38(69.1)
RH (150/75)	6(46.2)	30(71.4)	36(65.5)	8(61.5)	32(76.2)	40(72.7)
RHZ (75/50/150)	8(61.5)	33(78.6)	41(74.5)	9(69.2)	37(88.1)	46(83.6)
Sub total	82(70.1)	249(65.9)	331(66.9)	94(80.3)	280(74.1)	374(75.6)
Anti-Malaria						

Coartem (4x6)	11(84.6)	31(73.8)	42(76.4)	12(92.3)	35(83.3)	47(85.5)
Chloroquine syrup	7 (53.8)	14(33.3)	21(38.2)	7 (53.8)	25(59.5)	32(58.2)
Quinine 300mg	9 (69.2)	20(47.6)	29(52.7)	10(76.9)	28(66.7)	38(69.1)
Sub-total	27(69.2)	65(51.6)	92(55.8)	29(74.4)	88(69.8)	117(70.9)
Total	293(70.4)	796(59.2)	1089(61.9)	332(79.8)	951(70.8)	1283(72.9)

**Near accuracy includes exact accuracy and those within less than a 10 percent discrepancy*