

Supplemental Table 1. Probability of adequacy of micronutrient intakes of sub-samples of lactating and non-pregnant/non-lactating women during the lean and post-harvest seasons in rural Burkina Faso

	Lactating						Non-pregnant/non-lactating					
	EAR*	Lean season (n=258)		Post-harvest season (n=259)		p-value†	EAR*	Lean season (n=146)		Post-harvest season (n=144)		p-value†
		Mean	Median	Mean	Median			Mean	Median	Mean	Median	
Calcium, mg	800	0.07	0	0.24	0.01	<0.0001	800	0	0	0	0	0.004
Iron, mg	23.4	0.47	0.39	0.67	0.75	<0.0001	29.1	0.21	0.15	0.34	0.25	<0.0001
Zinc, mg	8	0.87	1.00	0.89	1.00	0.002	7	0.91	1.00	0.92	1.00	0.02
Vitamin C, mg	58	0.04	0	0.16	0	<0.0001	38	0.12	0	0.31	0	<0.0001
Thiamin, mg	1.2	0.17	0	0.34	0.08	<0.0001	0.9	0.32	0.09	0.55	0.75	<0.0001
Riboflavin, mg	1.3	0.20	0	0.36	0.07	<0.0001	0.9	0.44	0.23	0.63	0.90	<0.0001
Niacin, mg	13	0.44	0.35	0.66	0.90	<0.0001	11	0.49	0.44	0.75	0.98	<0.0001
Folate, µg DFE	450	0.04	0	0.17	0	<0.0001	320	0.10	0	0.32	0.01	<0.0001
Vitamin B ₁₂ , µg	2.4	0.13	0	0.02	0	<0.0001	2.0	0.14	0	0.04	0	0.0004
Vitamin A, µg RE	450	0.23	0.01	0.27	0.01	0.73	270	0.46	0.31	0.37	0.10	0.42
Overall	-	0.27	0.21	0.38	0.37	<0.0001		0.32	0.30	0.42	0.42	<0.0001

* Estimated Average Intakes (EAR) from WHO/FAO (22) except zinc (23) and iron (24)

† Differences between lean and post-harvest season were determined by Wilcoxon sign-rank test using data from women with intakes from both seasons (lactating, n=246; non-pregnant/non-lactating, n=142)

Supplemental Table 2. Probability of adequacy of micronutrient intakes of children ages 36-47 months and 48-59 months during the lean and post-harvest seasons in rural Burkina Faso

	36 – 47 months						48 – 59 months					
	EAR*	Lean season (n=247)		Post-harvest season (n=181)		p-value†	EAR*	Lean season (n=178)		Post-harvest season (n=267)		p-value†
		Mean	Median	Mean	Median			Mean	Median	Mean	Median	
Calcium, mg	500	0.09	0	0.27	0.08	<0.0001	800	0.01	0	0.05	0	0.31
Iron, mg	10.8	0.59	0.65	0.72	0.75	<0.0001	14.8	0.40	0.35	0.55	0.55	0.0002
Zinc, mg	2	1.00	1.00	0.99	1.00	0.63	4	0.90	1.00	0.93	1.00	0.28
Vitamin C, mg	25	0.10	0	0.33	0	<0.0001	25	0.11	0	0.29	0	<0.0001
Thiamin, mg	0.4	0.66	0.94	0.85	1.00	<0.0001	0.5	0.47	0.43	0.68	0.96	<0.0001
Riboflavin, mg	0.5	0.77	1.00	0.83	1.00	0.002	0.5	0.54	0.63	0.73	0.99	0.005
Niacin, mg	4.6	0.86	1.00	0.93	1.00	<0.0001	9.2	0.25	0.04	0.49	0.47	0.42
Folate, µg DFE	120	0.32	0	0.75	1.00	<0.0001	160	0.23	0	0.56	0.84	<0.0001
Vitamin B ₁₂ , µg	0.7	0.28	0	0.07	0	<0.0001	1.0	0.21	0	0.07	0	<0.0001
Vitamin A, µg RE	200	0.43	0.26	0.39	0.08	0.99	200	0.42	0.23	0.40	0.13	0.11
Overall	-	0.51	0.51	0.61	0.61	<0.0001		0.35	0.34	0.48	0.50	0.0009

* Estimated Average Intakes (EAR) from WHO/FAO (22) except zinc (23) and iron (24)

† Differences between lean and post-harvest season were determined by Wilcoxon sign-rank test using data from children with intakes from both seasons (36-47 months, n=154; 48-59 months, n=247)