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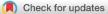## ORIGINAL ARTICLE

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Public Health Nutrition Policy & Economics

Enhancing food and nutritional security through Gender-Disaggregated Analysis: A case study of Lake Victoria Shore, Tanzania

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Items for measuring Food and Nutrition Security

1.0	Food Consumption Sub Component		

1.1	During the last 12 months, did any member of your household eat fewer meals, or smaller portions, than usual because there was not enough food?

Never (1)	Yes, once or twice (2)	Yes, for about 1 week (3)	Yes, for a few weeks (4)
Yes, for about 1 month (5)	Yes, for more than 1 month (6)	Yes, most days (7)	Don't know (8)

1.2	*During the last 12 months, did any member of your household go to sleep at night hungry*

Never (1)	Yes, once or twice (2)	Yes, for about 1 week (3)	Yes, for a few weeks (4)
Yes, for about 1 month (5)	Yes, for more than 1 month (6)	Yes, most days (7)	Don't know (8)

2.0	Food Access Stability Subcomponent		

2.1	*During the last 12 months, did your household experience a period of time longer than 2 weeks when there was not enough food? (if yes, how many such periods?)*

Nor (1)	Yes, 1 (2)	Yes, 2 (3)	Yes, 3 (4)
Yes, 4 (5)	Yes, more than 4 (6)	Yes, most days (7)	Don't know (8)

2.2	*During the last 12 months, did your household ever experience 1 full day with no food to eat?*

Never (1)	Yes, once or twice (2)	Yes, for about 1 week (3)	Yes, for a few weeks (4)
Yes, for about 1 month (5)	Yes, for more than 1 month (6)	Yes, most days (7)	Don't know (8)

3.0		Nutritional Quality

During the last 12 months, how often did the majority of your household eat the following foods?

1	Grain (cereals, 1bread, rice, pasta)	
2	Roots and /or tubers (potatoes, cassava etc.	
3	Vegetables/greens	
4	Fruits	
5	Dairy &/or eggs	
6	Meet &/or fish/sea food	
7	Nuts &/or legumes (and /or derivatives, tofu, etc.	

1=Never
2=Almost never
3=Approximately once a month
4=A few times a month
5=About once a week
6=A few times a week
7=Every day
8=Not eaten for religious or cultural reasons

WEIGHTS ASSIGNED TO SUB-COMPONENTS AND RESPONSES

*1.0 Consumption [**Weight**: 43% of the food and nutritional security component]*

*1.1 During the last 12 months, did any member of your household eat fewer meals, or smaller portions, than usual because there was not enough food? [**Weight**: 60% of consumption subcomponent]*

1.2 During the last 12 months, did any member of your household go to sleep at night hungry? [40% of consumption subcomponent]

Weighting of responses

Weight code	Qn1.1 60%	Qn1.2 40%
1	10	10
2	8	8
3	6.5	6.5
4	5	5
5	4	4
6	2	2
7	1	1
8	MD	MD

MD=Missing Data

*2.0 Access Stability [**Weight**: 32% of the food and nutritional security component]*

*2.1 During the last 12 months, did your household experience a period of time longer than 2 weeks when there was not enough food? [**Weight**: 55% of access stability subcomponent]*

*2.2 During the last 12 months, did your household ever experience 1 full day with no food to eat? [**Weight**: 45% of access stability subcomponent]*

Weight code	Qn2.1 55%	Qn2.2 45%
1	10	10
2	5	7
3	3	5
4	2	3
5	1	1
6	1	MD
7	MD	

MD=Missing Data

*3.0 Nutrition Quality [**Weight**: 25% of the food and nutritional security component]*

During the last 12 months, how often did the majority of your household eat the following foods?

3.1 Grains (cereals, bread, rice, pasta) [Weights: 7.5% of nutritional quality],

3.2 Roots &/or tubers (potatoes, cassava, etc.) [7.5% of nutritional quality],

3.3 Vegetables/greens [20% of nutritional quality],
3.4 Fruits [12.5% of nutritional quality],
3.5 Dairy &/or eggs [20% of nutritional quality],
3.6 Meat &/or fish/seafood [12.5% of nutritional quality],
3.7 Nuts &/or legumes (and/or derivatives, tofu, etc.) [20% of nutritional quality]

Recording of Responses

Code	Qn3.1 (7.5%)	Qn3.2 (7.5%)	Qn3.3 (20%)	Qn3.4 (12.5%)	Qn3.5 (20%)	Qn3.6 (12.5%)	Qn3.7 (20%)
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	4	3
4	4	4	4	4	4	5	5
5	5	5	6	6	6	8	7
6	7	6	9	8	8	9	10
7	9	7	10	9	10	6	10
8	MD	MD	MD	MD	MD	MD	MD