Assessing influencing factors in the school food environment using Photovoice in Addis Ababa, Ethiopia

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Hypothesis

Addis Ababa 2010

Addis Ababa 2018
Methods

Government school
15 students
Smartphones

Private school
11 students
Digital cameras
Photovoice: Assessment of perceived food environment
Individual level – "not rotten" = healthy
Social level - “we have no say”

“My mom is the one who cooks everything for us. We have no say in what we eat or want to eat. We have to have what she gives us.” (FGD, Boys, GS)

“Because mothers usually want the best for their children and want to feed them good food which helps them grow... My mom ...doesn’t let me eat raw meat because it would make me sick.” (Girl, 14 years, PS)

”...my father usually buys me cakes and soft drinks but my mother doesn’t let me have that.” (FGD mixed, PS)
Physical level - “it disgusts me”

“You can see the packed food here and you can read their contents and understand what you want to eat.” (Boy 17 years, GS) - Figure 3
Macro level - “we go for cheap stuff”

“Usually cheap foods are unhealthy. Healthy foods are expensive...we go for cheap stuff sold on the streets. Had both healthy and unhealthy food the same price we wouldn’t buy cheap food we would have options.”- Boy, 17y, GS
Assessment of objective food environment

- Food and drink advertising
- Food outlets
- Visibility of SSB and FV
Types of outlets in school FE (%)

What is displayed/advertised?

Type of foods advertised (%)
Outlets where students’ families buy food

- Supermarket: FV (30%), Snacks (20%), Dairy (15%), Cereal (5%), Eggs (10%), Meat (5%)
- Kiosk: FV (40%), Snacks (30%), Dairy (10%), Cereal (5%), Eggs (5%), Meat (5%)
- Informal: FV (20%), Snacks (10%), Dairy (5%), Cereal (5%), Eggs (5%), Meat (5%)
- Open market: FV (10%), Snacks (5%), Dairy (5%), Cereal (5%), Eggs (5%), Meat (5%)
- FV stall: FV (90%), Snacks (5%), Dairy (5%), Cereal (5%), Eggs (5%), Meat (5%)
- Specialized: FV (90%), Snacks (5%), Dairy (5%), Cereal (5%), Eggs (5%), Meat (5%)
Use of pocket money

- **Fruit**: Private: 3, Public: 2
- **Sodas**: Private: 20, Public: 10
- **Candy**: Private: 20, Public: 10
- **Fried food**: Private: 40, Public: 30

**Legend**:
- Private
- Public
Thank you
A4NH
AA Bureau of Education
All enumerators and participants

More information
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