



FOOD SECURITY SURVEILLANCE AND RESPONSE

Urban Early Warning Early Action Initiative

By

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Layout

- Public policy on Nairobi City food situation
- MoU on food security surveillance
- Early warning: progress report
- Early action: progress report
- Plan of action

Public policy on food situation

- Constitution, Art.43, 21 – “right to food”
- Sessional Paper No. 1 of 2012 on the National Food and Nutrition Security Policy
- Other policies:
 - Motion of 2015 by County Assembly for the Executive to establish food security surveillance system
 - Nairobi City County Disaster and Emergency Management Act

MoU on food security surveillance (1)

Partners

- CECM - NCC Food, Agriculture & Forestry
- CECM – NCC Health Services
- UEWEA Consortium
 - Concern Worldwide
 - Kenya Red Cross
 - Oxfam



MoU on food security surveillance (2)

Objective of MoU

- Technology transfer from Partners to NCC
 - Urban Early Warning Early Action (UEWEA) tool
- Capacity building
 - Food security surveillance – the “urban early warning” “UEW”
 - Response plans – the “early action” EA



MoU on food security surveillance (3)

Roles

- NCC
 - Food security surveillance
 - Institutionalization, escalation to whole county
 - Assess / address ailments from food insecurity
 - Linkage with national government
- UEWEA Consortium
 - Training NCC teams
 - Financing
 - Build capacity of 7 subcounties on UEW & EA



CONCERN
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Early warning progress report (1)

Food situation indicators and thresholds

	Equivalized monthly income (Sh)	% HH with 1+ stable income earner	No. of food basket s / month	% HH child with diarrhoea in last 1 month	% HH with shocks in last 1 month
Normal	> 8000	> 30%	> 85	< 15%	< 10%
Alert	6500-8000	25-30%	70-85	15-20%	10-15%
Alarm	5000-6500	15-25%	55-70	20-25%	15-20%
Emergency	< 5000	< 15%	< 55	> 25%	> 20%

Early warning progress report (2)

Surveillance procedure:

1. Bimonthly
2. Design of mission, sample size, target households
3. Briefing of enumerators
4. Collection and submission of data – household & markets
 - 7-day mission
5. Analysis of data & generation of report
6. Dissemination of report
7. Response

Early warning progress report (3)

Surveillance - sampling frame

Informal Settlement	No. of Villages	Total Segments	No. of Households (HH)	Av. No. of HH sampled
KIBERA	12	65	70,617	350
MUKURU	11	17	121,570	360
KOROGOCHO	8	12	11,149	345
TOTAL				1,055

Early warning progress report (4)

Surveillance – results for February 2017

Indicator	Mukuru	Korogocho	Kibera
Shocks	7.40%	19.58%	15.43%
Equivalized income	7331.9	4061.49	6676.52
Food baskets	72.15	44.67	66.69
Stable income earner	42.74%	14.33%	35.14%
Child diarrhoea	29.03%	36.27%	36.08%

Early warning progress report (5)

Surveillance – results for June 2017

Indicator	Mukuru	Korogocho	Kibera
Shocks	18.7%	14.5%	13.9%
Equivalized income	7,397	6,407	7,866
Food baskets	79.6	71.8	87.8
Stable income earner	34.9%	29.0%	41.1%
Child diarrhoea	21.3%	5.7%	19.6%

Early warning progress report (6)

Surveillance – results for October 2017

Indicator	Mukuru	Korogocho	Kibera
Shocks	17.9%	13.9%	17%
Equivalized income	8,339	4,766	7,566
Food baskets	92.1%	55%	87.9%
Stable income earner	35.5%	9.9%	39.2%
Child diarrhoea	19.4%	20.8%	15.3%

Early warning progress report (7)

Surveillance – results for November 2017

Indicator	Mukuru	Korogocho	Kibera
Shocks	16%	4.6%	41.9%
Equivalized income	8293	4825	6983
Food baskets	90	57	78
Stable income earner	35.5%	17%	39.8%
Child diarrhoea	13%	26%	19%

Early warning progress report (8)

Surveillance – results for December 2017

Indicator	Mukuru	Korogocho	Kibera
Shocks	6.4%	9%	19.6%
Equivalized income	7335	5737	7465
Food baskets	80	78	80
Stable income earner	29%	14%	36%
Child diarrhoea	28%	9%	11%

Early warning progress report (9)

Surveillance – results for January 2018

Indicator	Mukuru	Korogocho	Kibera
Shocks	27.4%	14.71%	40.56%
Equivalized income	6016.79	4122.08	8417.74
Food baskets	63.29	51.28	86.34
Stable income earner	9.04%	15.53%	10.09%
Child diarrhoea	15.27%	40.41%	16.33%





Early warning progress report (10)

Surveillance – results for February 2018

Indicator	Mukuru	Korogocho	Kibera
Shocks	25.85%	15.15%	40.6%
Equivalized income	6007.19	5126.68	7945.93
Food baskets	6.8%	10.14%	9.58%
Stable income earner			
Child diarrhoea	8.76%	28.81%	18.92%

Early action progress (1)

Summary of response plan

Situation	Planned response	
Normal	Stepping up food production & food supply Training producers & households & other capacity building Stockpiling food and food supplements mapping vulnerable households	
Alert	Public education Outreach Stockpiling food	
Alarm	Information sharing Mobilization of staff Stockpiling food Identification of vulnerable persons	
Emergency	Food relief and other social protection Provision of food supplements	

Early action (2)

- A responsibility of the Disaster and Emergency Management Council
 - established under NCC DEM Act, No. 6 of 2015
- Through Partners;
 - Food supplements supplied in Korogocho after February 2017 surveillance
 - Cash transfer done to residents of Kibera and Korogocho after the November 2017 surveillance.



Action Plan

- UEWEA initiative was incorporated in the County Integrated Development Plan, 2018-2022 and in workplan and budgets as routine activity.
- Continuation of capacity building for UEWEA service.
 - UEWEA dashboard and enabled phones are being donated to NCC by Partners.
 - Continuation of partnerships in the service.
- Continuation of food security surveillance and response to food insecurity emergencies.