

Nairobi informal food vendor survey methodology and sampling

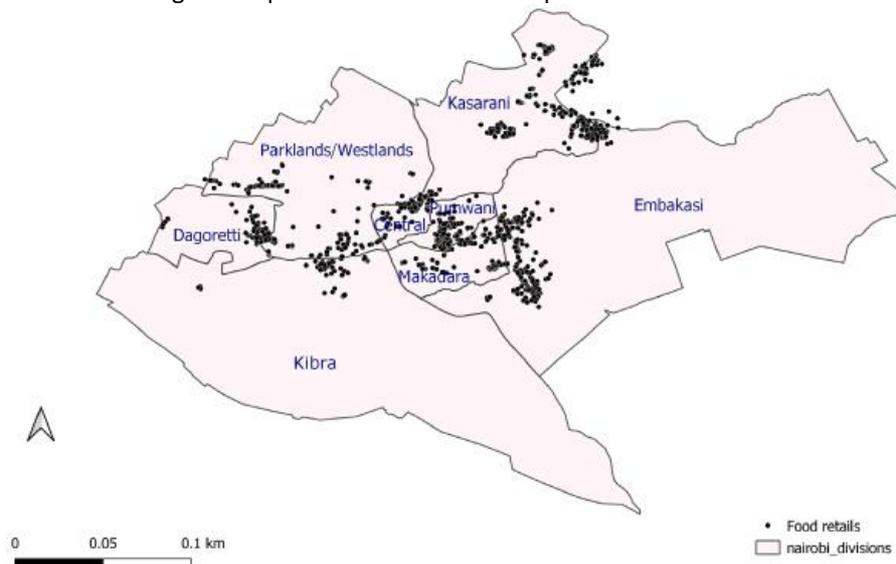
The Nairobi survey covered a total sample of 1,267 informal food vendors. To achieve city-wide coverage, the survey was conducted in all eight of Nairobi's administrative divisions. The number of sampled food vendors was determined using a multi-stage proportional-to-geographical size random sampling procedure. First, a random sample of residential neighbourhoods in each administrative division was selected using a list of neighbourhoods generated by the research team. This was informed by the fact that residential neighbourhoods in Nairobi are served by clusters of commercial centres, shopping centres, market centres, bus termini and concentration of small shops (dukas), kiosks and street traders. Second, the research team identified the major retail clusters with informal food vendors in the selected residential neighbourhoods. Third, the number of food vendors sampled in each selected neighbourhood was proportional to the number and sizes of retail clusters in that neighbourhood. Lastly, a systematic random sampling procedure was used to select the sampled food vendors in each retail cluster. Table 1 and Figure 1 give a summary of the distribution of sampled food vendors by administrative division.

Table 1: Sampled Food Vendors by Administrative Division and Neighbourhood

Division	Sampled residential neighbourhoods*	No. of sampled vendors
Central	Nairobi Central-Mamlaka	21
	Ngara	57
	Pangani-Mlango Kubwa	19
	Parklands	13
Dagoretti	Dagoretti Comer-Ngong Rd	41
	Karen-Kabiria	9
	Kawangware	23
	Kilimani-Upper Hill-Community	35
	Riruta-Kinyanjui-Mutindwa	42
	Uthiru-Thiongo Rd	20
Embakasi	Fedha	14
	Imara Daima	11
	Nyayo-Kware	17
	Pipeline-Tassia	78
	Umoja	54

Kasarani	Garden Estate-Roasters	20
	Githurai-Zimmerman	28
	Kahawa Sukari-Wendani	53
	Kahawa West	33
	Mwiki	74
	Ngumba-Kasarani Area	45
	Roysambu-Mrema	15
	Santon-Phase 3	68
Kibera	Ayany-Kianda	19
	Karanja Road	19
	Kibera Villages	16
	Olympic	12
	Woodley	17
Makadara	Bahati-Maringo-Mbotela	34
	Buru Buru	62
	Kaloleni-Makongeni	65
	Viwandani Villages	46
	Makadara-Jericho	17
	Shauri Moyo	27
	South B	29
Pumwani	California	15
	Kanuku-Kinyango Villages	17
	Majengo	9
	Old Race Course	9
Westlands	Kangemi	39
	Loresho-Mountain View	15
	Westlands Area	10
Total		1,267
<i>* As defined by the research team</i>		

Figure 1: Spatial Distribution of Sampled Food Vendors



At the end of the survey, the sample included mobile vendors, as well as vendors conducting business at the roadside, in a shop, at a bus terminus, from a vehicle, at home, in a market, with a handcart or wheelbarrow, at a taxi rank, at a craft market, next to an institution, in a customer's home, and in a food court (kibanda) (Table 2).

Table 2: Type and Location of Food Vendors

	No.	% of vendors
Temporary stall on the street/roadside	697	55.0
Permanent stall on the street/roadside	234	18.5
No fixed location/mobile	177	14.0
Workshop or shop	76	6.0
Bus terminal	42	3.3
Vehicle (car, truck, motor bike, bike)	33	2.6
In my home	28	2.2
Permanent stall in a market	16	1.3
Handcart (mkokoteni) or wheelbarrow	15	1.2
Taxi (boda boda) rank	10	0.8
Craft market	10	0.8
Next to an institution	10	0.8
In customer's home	9	0.7
Food court (kibanda)	8	0.6
<i>Note: Multiple-response question</i>		