Lagos, Nigeria (West Africa 1900 – 2013)

Urban Layout Metrics

Share of Built-up Area Occupied by Roads	23%	17%	16%	17%	17%	
Share of Built-up Area That Is Gridded	0%	43%	20%	5%	0%	
Share of Roads Less Than 4 Meters Wide	17%	5%	5%	6%	25%	
Share of Roads More Than 16 Meters Wide	10%	12%	10%	9%	3%	
Arterial Roads						
Total Area of Zone (km²)	4	5	66	250	830	
Total Length of Arterial Roads (km²)	2	9	57	242	509	
Density of All Arterial Roads (km/km²)	0.52	1.66	0.87	0.97	0.42	
Average Beeline Distance to All Arterial Roads (meters)	476	247	472	1750	787	
Share of Area within Walking Distance of All Arterial Roads	68%	93%	72%	59%	52%	
Block Size, Plot Size, Intersection Density, and Walkability						
Share of Intersections that are 4-Way	28%	32%	9%	7%	2%	
Average Block Size (ha)	1.9	6.5	7.0	5.6	4.7	
4-Way Intersection Density (number per km ²)	49	10	7	5	3	
Walkability Ratio	1.4	1.6	1.6	1.8	1.8	
Average Plot Size in Informal Land Subdivisions				648		
Average Plot Size in Formal Land Subdivisions			399	610		
Stages in the Evolution of Resident	•			222/	222/	
Share of Built-up Area That Is Residential	45%	28%	43%	62%	60%	
Share of Residential Areas Not Laid Out Before Development	84%	20%	58%	58%	52%	
Share of Residential Areas Laid Out Before Development	16%	80%	42%	42%	48%	
Share of Residential Area in Informal Land Subdivisions	3%	16%	9%	23%	41%	
Share of Residential Area in Housing Projects	13%	43% 21%	29% 4%	13%	0% 6%	
Share of Residential Area in Housing Projects	0%	2170	470	6%	0%	
	Share of Area Within Walking Distance of Arterial Road (625m) Share of Roads Less Than 4-meters Wide					
100% 90% 80% 70% 60% 60% 50% 40% 30% 20% 10% Pre1900 1900-1920 1920-1962 1962-1984 1984-2013	-Sample	80% 70% 60% 50% 40% 30% 20% 10%	30-City Sample Lagos 0 1900-1920 1920	1962 1962-196	4 1984-2013	

Roads

1962 -

1984

1984 -

2013

Pre-

1900

1900 -

1920

1920 -

1962