## Bangkok, Thailand (Southeast Asia 1900 – 2015)

Urban Layout Metrics		Pre- 1900	1900 - 1922	1922 - 1953	1953 - 1988	1988 - 2015
Roads						
Share of Built-up Area Occupied by Roads		18%	15%	18%	21%	11%
Share of Built-up Area That Is Gridded		8%	0%	3%	8%	3%
Share of Roads Less Than 4 Meters Wide		19%	23%	14%	17%	27%
Share of Roads More Than 16 Meters Wide		17%	12%	15%	10%	9%
Arterial Roads						
Total Area of Zone (km²)		35	13	57	1538	2966
Total Length of Arterial Roads (km²)		89	28	82	1390	1667
Density of All Arterial Roads (km/km²)		2.55	2.16	1.42	0.90	0.47
Average Beeline Distance to All Arterial Roads (meters)		138	221	240	549	921
Share of Area within Walking Distance of All Arterial Roads		99%	94%	95%	69%	49%
Block Size, Plot Size, Intersection Density, and Walkability						
Share of Intersections that are 4-Way		14%	7%	10%	9%	12%
Average Block Size (ha)		4.1	6.4	6.3	9.0	5.5
4-Way Intersection Density (number per km²)		13	4	5	5	7
Walkability Ratio		1.6	1.6	1.7	1.5	1.0
Average Plot Size in Informal Land Subdivisions						
Average Plot Size in Formal Land Subdivisions				295	216	
Stages in the Evolution of Residential Layouts						
Share of Built-up Area That Is Residential		43%	50%	47%	51%	30%
Share of Residential Areas Not Laid Out Before Development		87%	94%	93%	61%	35%
Share of Residential Areas Laid Out Before Development		13%	6%	7%	39%	65%
Share of Residential Area in Informal Land Subdivisions		0%	0%	0%	0%	31%
Share of Residential Area in Formal Land Subdivisions		13%	6%	5%	27%	25%
Share of Residential Area in Housing Projects		0%	1%	2%	11%	46%
Average Block Size Share of Area Within Walk (hectares) Distance of Arterial Road (62		I (625m)	Share of Roads Less Than 4-meters Wide			
1230-City Sample	90%		90%	■30-City Sample		
10 ■ Bangkok	80%		80%	■Bangkok		
8	70%		70% 60%			
6	50%		50%			
4	40%		40%			
	30%	City-Sample _	20%			
2						

Pre1900 1900-1922 1922-1953 1953-1988 1988-2015

10%

Pre1900 1900-1922 1922-1953 1953-1988 1988-2015

10%

Pre1900 1900-1922 1922-1953 1953-1988 1988-2015