## Chicago, United States (Land-Rich Developed Countries 1893 – 2014)

**Urban Layout Metrics** 

1893-

1945

Pre-

1893

1945-

1967

1967-

1989

1989-

2014

110440					
Share of Built-up Area Occupied by Roads	34%	28%	23%	19%	14%
Share of Built-up Area That Is Gridded	83%	80%	30%	8%	0%
Share of Roads Less Than 4 Meters Wide	8%	8%	8%	11%	29%
Share of Roads More Than 16 Meters Wide	49%	44%	40%	31%	32%
Arterial Roads					
Total Area of Zone (km²)	302	101	2099	84	618
Total Length of Arterial Roads (km²)	2990	913	9043	234	681
Density of All Arterial Roads (km/km²)	9.89	9.07	4.31	2.78	0.79
Average Beeline Distance to All Arterial Roads (meters)	49	67	241	410	358
Share of Area within Walking Distance of All Arterial Roads	100%	100%	90%	77%	81%
Block Size, Plot Size, Intersection Density, and Walkability					
Share of Intersections that are 4-Way	45%	43%	18%	15%	14%
Average Block Size (ha)	3.2	2.5	0.1	20.8	3.2
4-Way Intersection Density (number per km <sup>2</sup> )	64	51	15	7	12
Walkability Ratio	1.5	1.5	1.6	1.4	0.5
Average Plot Size in Informal Land Subdivisions					
Average Plot Size in Formal Land Subdivisions	374	463	812	1348	1622
Stages in the Evolution of Residential Layouts					
Share of Built-up Area That Is Residential	39%	46%	45%	54%	58%
Share of Residential Areas Not Laid Out Before Development	0%	0%	7%	2%	19%
Share of Residential Areas Laid Out Before Development	100%	100%	93%	98%	81%
Share of Residential Area in Informal Land Subdivisions	0%	0%	3%	8%	0%
Share of Residential Area in Formal Land Subdivisions	94%	98%	78%	72%	44%
Share of Residential Area in Housing Projects	6%	2%	11%	18%	36%
	Share of Area Within Walking Distance of Arterial Road (625m) Share of Roads Less Than 4-meters Wide				
100% 90% 80% 70% 60% 60% 40% 300	Sample	80% 70% 60% 50% 40% 30% 20% 10%	■ 30-City Sample ■ Chicago	15-1967 1967-1s	89 1989-2014

Roads