## Warsaw, Poland (Europe & Japan 1888 – 2013)

Urban Layout Metrics	Pre- 1888	1888 - 1936	1936 - 1958	1958 - 1992	1992 - 2013
Roads					
Share of Built-up Area Occupied by Roads	28%	25%	19%	16%	15%
Share of Built-up Area That Is Gridded	3%	3%	0%	13%	5%
Share of Roads Less Than 4 Meters Wide	4%	6%	7%	11%	28%
Share of Roads More Than 16 Meters Wide	42%	38%	19%	8%	1%
Arterial Roads					
Total Area of Zone (km²)	13	24	96	417	746
Total Length of Arterial Roads (km²)	46	71	140	361	866
Density of All Arterial Roads (km/km²)	3.52	2.91	1.46	0.86	0.86
Average Beeline Distance to All Arterial Roads (meters)	89	125	344	1004	347
Share of Area within Walking Distance of All Arterial Roads	100%	99%	86%	57%	83%
Block Size, Plot Size, Intersection Density, and Walkability					
Share of Intersections that are 4-Way	25%	21%	17%	18%	13%
Average Block Size (ha)	5.7	5.6	6.9	7.1	6.4
4-Way Intersection Density (number per km <sup>2</sup> )	13	10	10	10	8
Walkability Ratio	1.6	1.6	1.6	1.5	1.6
Average Plot Size in Informal Land Subdivisions				798	1401
Average Plot Size in Formal Land Subdivisions			764	774	751
Stages in the Evolution of Residential Layouts					
Share of Built-up Area That Is Residential	31%	42%	45%	52%	62%
Share of Residential Areas Not Laid Out Before Development	5%	2%	0%	14%	18%
Share of Residential Areas Laid Out Before Development	95%	98%	100%	86%	82%
Share of Residential Area in Informal Land Subdivisions	0%	0%	11%	25%	39%
Share of Residential Area in Formal Land Subdivisions	63%	79%	67%	51%	35%
Share of Residential Area in Housing Projects	31%	19%	22%	10%	7%
Average Block Size Share of Area Within Walki (hectares) Distance of Arterial Road (62	Road (625m) 4-meters Wide				
10% 90% 80% 70% 60% 40% 30% 20% 10% Warsaw Pre1888 1888-1936 1936-1958 1958-1992 1992-2013 Pre1888 1888-1936 1936-1958 1958-1992 1992-2013	Sample _	000/	■30-City Sample ■Warsaw		