## Moscow, The Russian Federation (Europe & Japan 1893 – 2014)

**Urban Layout Metrics** 

Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)  10	% 5% % 8% % 30% 8 100 94 272	0% 10% 34%	18% 8% 9% 15%	15% 3% 32% 3%	
Share of Roads Less Than 4 Meters Wide  Share of Roads More Than 16 Meters Wide  Arterial Roads  Total Area of Zone (km²)  Total Length of Arterial Roads (km²)  Density of All Arterial Roads (km/km²)  Average Beeline Distance to All Arterial Roads (meters)  Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)	% 8% % 30% 8 100 94 272	10% 5 34%	9%	32%	
Share of Roads More Than 16 Meters Wide  Arterial Roads  Total Area of Zone (km²)  Total Length of Arterial Roads (km²)  Density of All Arterial Roads (km/km²)  Average Beeline Distance to All Arterial Roads (meters)  Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and  Share of Intersections that are 4-Way  Average Block Size (ha)  5.4-Way Intersection Density (number per km²)	% 30% 8 100 94 272	34%			
Total Area of Zone (km²) 68 Total Length of Arterial Roads (km²) 29 Density of All Arterial Roads (km/km²) 4.3 Average Beeline Distance to All Arterial Roads (meters) 87 Share of Area within Walking Distance of All Arterial Roads 100 Block Size, Plot Size, Intersection Density, and Share of Intersections that are 4-Way 21 Average Block Size (ha) 5.4 4-Way Intersection Density (number per km²) 10	8 100 94 272		15%	3%	
Total Area of Zone (km²)  Total Length of Arterial Roads (km²)  Density of All Arterial Roads (km/km²)  Average Beeline Distance to All Arterial Roads (meters)  Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)	94 272	193			
Total Length of Arterial Roads (km²)  Density of All Arterial Roads (km/km²)  Average Beeline Distance to All Arterial Roads (meters)  Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and  Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)	94 272	193			
Density of All Arterial Roads (km/km²)  Average Beeline Distance to All Arterial Roads (meters)  Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and  Share of Intersections that are 4-Way  Average Block Size (ha)  5.4-Way Intersection Density (number per km²)			1253	2109	
Average Beeline Distance to All Arterial Roads (meters)  Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and  Share of Intersections that are 4-Way  Average Block Size (ha)  5.4-Way Intersection Density (number per km²)	35 2 73	486	1519	1202	
Share of Area within Walking Distance of All Arterial Roads  Block Size, Plot Size, Intersection Density, and Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)	2.70	3 2.52	1.21	0.48	
Block Size, Plot Size, Intersection Density, and Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)	7 144	152	761	981	
Share of Intersections that are 4-Way  Average Block Size (ha)  4-Way Intersection Density (number per km²)  10	)% 98%	99%	68%	48%	
Average Block Size (ha) 5.  4-Way Intersection Density (number per km²) 10	Block Size, Plot Size, Intersection Density, and Walkability				
4-Way Intersection Density (number per km²)	% 18%	16%	8%	11%	
	0 9.4	6.2	4.5	4.8	
	0 6	13	7	22	
Walkability Ratio 1.	7 1.6	1.6	1.6	2.1	
Average Plot Size in Informal Land Subdivisions				1099	
Average Plot Size in Formal Land Subdivisions				962	
Stages in the Evolution of Residential La	youts				
Share of Built-up Area That Is Residential 31	% 41%	34%	38%	73%	
Share of Residential Areas Not Laid Out Before Development 09	% 0%	0%	15%	0%	
Share of Residential Areas Laid Out Before Development 100	0% 100%	6 100%	85%	100%	
Share of Residential Area in Informal Land Subdivisions 09	% 6%	0%	21%	75%	
Share of Residential Area in Formal Land Subdivisions 89	% 56%	48%	28%	11%	
Share of Residential Area in Housing Projects 11	% 38%	52%	36%	14%	
Average Block Size Share of Area Within Walking (hectares) Distance of Arterial Road (625m)		Share of Roads Less Than 4-meters Wide			
100% 80% 70% 60% 60% 60% 60% 60% 90% 80% 70% 60% 90% 80% 70% 60% 90% 80% 70% 60% 90% 90% 90% 90% 90% 90% 90% 9	100% 90% 80% 70% 60% 50% 40% 30%	■ 30-City Samp	ple		

Pre-1893 1893 -1939 1939 -1957 1957 -1991 1991 -2014