Beijing, China (Eastern Asia & the Pacific 1900 – 2013)

Urban Layout Metrics

Share of Built-up Area Occupied by Roads

| | | | * | |
|--|--|--|---|--|
|--|--|--|---|--|

1959 -

1988

24%

1988 -

2013

12%

Pre-

1900

23%

1900 -

1929

32%

1929-

1959

24%

| Share of Built-up Area That Is Gridded | 3% | 4% | 3% | 3% | 3% | | | |
|---|--------------------------|---|-------------------------------|-------------------------|------|--|--|--|
| Share of Roads Less Than 4 Meters Wide | 27% | 21% | 18% | 41% | 22% | | | |
| Share of Roads More Than 16 Meters Wide | 19% | 29% | 25% | 16% | 15% | | | |
| Arterial Roads | | | | | | | | |
| Total Area of Zone (km²) | 55 | 6 | 107 | 2628 | 1301 | | | |
| Total Length of Arterial Roads (km²) | 204 | 22 | 351 | 3525 | 1821 | | | |
| Density of All Arterial Roads (km/km²) | | 3.89 | 3.26 | 1.34 | 0.67 | | | |
| Average Beeline Distance to All Arterial Roads (meters) | 103 | 102 | 123 | 791 | 573 | | | |
| Share of Area within Walking Distance of All Arterial Roads | 100% | 100% | 99% | 67% | 71% | | | |
| Block Size, Plot Size, Intersection | Density, and Wa | alkability | | | | | | |
| Share of Intersections that are 4-Way | 13% | 15% | 9% | 7% | 18% | | | |
| Average Block Size (ha) | 4.7 | 3.7 | 8.4 | 9.4 | 2.6 | | | |
| 4-Way Intersection Density (number per km ²) | 10 | 14 | 6 | 12 | 36 | | | |
| Walkability Ratio | 1.5 | 1.4 | 1.6 | 1.7 | 0.8 | | | |
| Average Plot Size in Informal Land Subdivisions | | | | 377 | | | | |
| Average Plot Size in Formal Land Subdivisions | | | | 421 | | | | |
| Stages in the Evolution of Re | esidential Layou | uts | | | | | | |
| Share of Built-up Area That Is Residential | | 30% | 29% | 32% | 20% | | | |
| Share of Residential Areas Not Laid Out Before Development | | 26% | 5% | 61% | 11% | | | |
| Share of Residential Areas Laid Out Before Development | | 74% | 95% | 39% | 89% | | | |
| Share of Residential Area in Informal Land Subdivisions | | 0% | 0% | 33% | 48% | | | |
| Share of Residential Area in Formal Land Subdivisions | 21% | 6% | 23% | 4% | 38% | | | |
| Share of Residential Area in Housing Projects | 44% | 68% | 72% | 43% | 47% | | | |
| Average Block Size Share of Area With (hectares) Distance of Arterial R | | | | oads Less eters Wide | Than | | | |
| 10 | ■ 30 City-Sample Beijing | 100% 90% 80% 70% 60% 50% 40% 10% 0% | ■ 30-City Sample ■ Beijing | | | | | |

Roads