



GINI Index (country)
35.7

HDI (country)
0.704

Total urban area (city)
1,220km²

Total population (city)
4,678,000

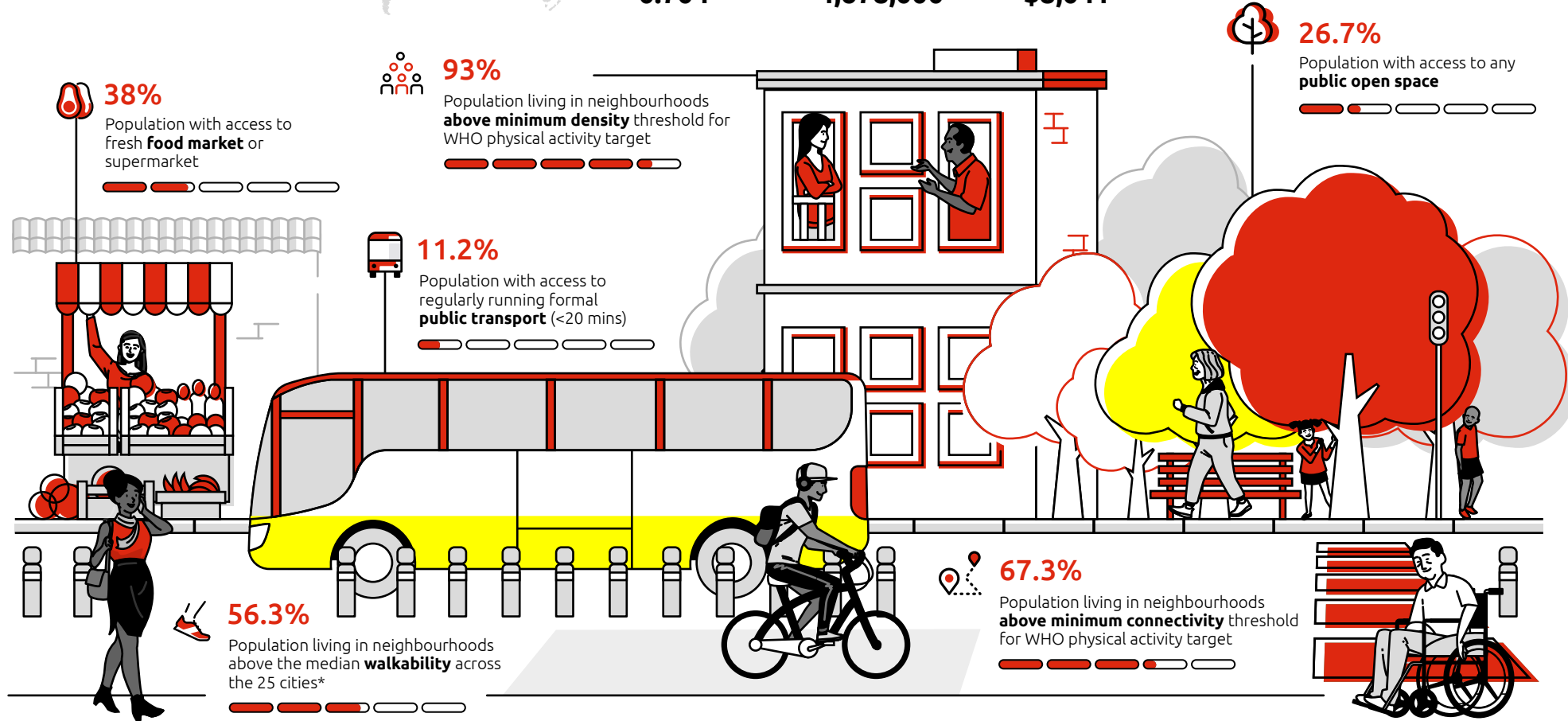
City-wide density (pop/Km²)
3,833km²

GDP per capita (INT \$)
\$8,041

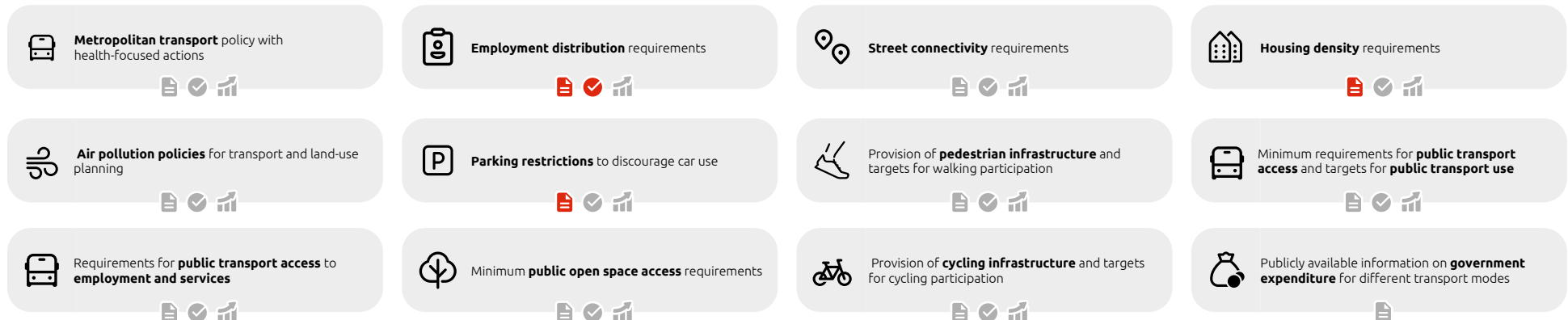


Global Observatory of
**Healthy and
Sustainable Cities**

Spatial Indicators



Policy Indicators



 Policy exists

 Policy aligns with health and sustainability promotion

 Policy includes measurable targets

The data presented in this scorecard was derived using evidence-based indicators and thresholds, based on an international study by the Global Healthy and Sustainable City-Indicators Collaboration, published in May 2022 in *The Lancet Global Health*. More information on our methods and results is available in the articles listed below.

Policy Indicators for 25 cities

Lowe, M., Adlakha, D., Sallis, J. F., Salvo, D., Cerin, E., Moudon, A. V., Higgs, C., Hinckson, E., Arundel, J., Boeing, G., Liu, S., Mansour, P., Gebel, K., Puig-Ribera, A., Mishra, P. B., Bozovic, T., Carson, J., Dygrýn, J., Florindo, A. A., Ho, T. P., Hook, H., Hunter, R. F., Lai, P. C., Molina-García, J., Nitvimol, K., Oyeyemi, A. L., Ramos, C. D. G., Resendiz, E., Troelsen, J., Witlox, F., & B, G.-C. (2022). **City planning policies to support health and sustainability: an international comparison of policy indicators for 25 cities.** *The Lancet Global Health*. May, 2022. [https://doi.org/10.1016/S2214-109X\(22\)00069-9](https://doi.org/10.1016/S2214-109X(22)00069-9)

Evidence-based thresholds for spatial indicators: IPEN Adult study

Cerin, E., Sallis, J. F., Salvo, D., Hinckson, E., Conway, T. L., Owen, N., van Dyck, D., Lowe, M., Higgs, C., Moudon, A. V., Adam, M. A., Cain, K. L., Christiansen, L. B., Davey, R., Dygrýn, J., Frank, L. D., Reis, R., Sarmiento, O. L., Adlakha, D., Boeing, G., Liu, S., & Giles-Corti, B. (2022). **Determining thresholds for spatial urban design and transport features to create healthy and sustainable cities: findings from the IPEN Adult study.** *The Lancet Global Health*. May, 2022. [https://doi.org/10.1016/S2214-109X\(22\)00068-7](https://doi.org/10.1016/S2214-109X(22)00068-7)

Implementation of spatial indicators for 25 cities using open data and open-source software

Boeing, G., Higgs, C., Liu, S., Giles-Corti, B., Sallis, J. F., Cerin, E., Lowe, M., Adlakha, D., Hinckson, E., Moudon, A. V., Salvo, D., Adams, M. A., Barrozo, L. V., Bozovic, T., Callejo, G. V., Delclòs-Alió, X., Dygrýn, J., Ferguson, S., Gebel, K., Ho, T. P., Lai, P., Martori, J. C., Nitvimol, K., Queral, A., Roberts, J. D., Sambo, G. H., Schipperijn, J., Vale, D., Van de Weghe, N., & J, A. (2022). **Using Open Data and Open-Source Software to Develop Spatial Indicators of Urban Design and Transport Features for Achieving Healthy and Sustainable Cities.** *The Lancet Global Health*. May, 2022. [https://doi.org/10.1016/S2214-109X\(22\)00072-9](https://doi.org/10.1016/S2214-109X(22)00072-9)

GNI source

World Bank Estimate, 2018

Human Development Index (HDI) data source

United Nations Development Programme, 2018.

Total urban area of city data source

(only urbanized area was considered, with rural/undeveloped areas within the limits of the metropolitan area excluded)

Boeing, G., Higgs, C., Liu, S., Giles-Corti, B., Sallis, J. F., Cerin, E., Lowe, M., Adlakha, D., Hinckson, E., Moudon, A. V., Salvo, D., Adams, M. A., Barrozo, L. V., Bozovic, T., Callejo, G. V., Delclòs-Alió, X., Dygrýn, J., Ferguson, S., Gebel, K., Ho, T. P., Lai, P., Martori, J. C., Nitvimol, K., Queral, A., Roberts, J. D., Sambo, G. H., Schipperijn, J., Vale, D., Van de Weghe, N., & J, A. (2022). **Using Open Data and Open-Source Software to Develop Spatial Indicators of Urban Design and Transport Features for Achieving Healthy and Sustainable Cities.** *The Lancet Global Health*. May, 2022. [https://doi.org/10.1016/S2214-109X\(22\)00072-9](https://doi.org/10.1016/S2214-109X(22)00072-9)

Population data source

United Nations, 2027 (projection)

GDP data source

General Statistics Office, 2020