

Barcelona's Superblocks (Superilles) — From the Poblenou Pilot to a City-Wide Health Model

City Innovation Library · Good practice · Spain

Quality score: 71/100

Evidence strength: Observational / pre–post

Summary

Barcelona closed street grids to through-traffic in pilot 'superblocks'; evaluated zones saw NO2 fall 24% and noise fall 5.4%. A 2019 health-impact model put the city-wide potential at 667 fewer premature deaths a year, but the scheme has also been linked to rising local rents.

Key dimensions

Dimension	Score
Evidence of impact / measured results	3/3
Transferability / demonstrated replication	2/3
Scalability	2/3
Sustainability / continuity	2/3
Innovation	3/3
Inclusiveness / equity	1/3
Multi-stakeholder collaboration	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-16

[Barcelona City Council / BCNecologia / ISGlobal / Public Health Agency of Barcelona \(ASPB\)](#) — accessed 2026-08-16

[Environmental and health effects of the Barcelona superblocks \(BMC Public Health, 2025\)](#) — accessed 2026-08-16

['Superblocks' model could prevent almost 700 premature deaths every year in Barcelona \(ISGlobal\)](#) — accessed 2026-08-16

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