Is there a Right Density?

o many of us, urban density is mathematical: the average number of inhabitants per unit area. But are there other ways of understanding density? Architects and planners use figure-ground maps to study the relationship of built form to open space. Asst Prof Erik G. L'Heureux and his students at the Department of Architecture, School of Design and Environment, National University of Singapore, developed these images comparing one-squarekilometre sections of 10 iconic cities with 10 Singapore neighbourhoods. These suggest how density is manifested and experienced in different ways, raising further questions: Are dense cities always crowded? Can a crowded city be pleasant? Is there a right density for cities?



Manhattan, New York, United States of America



Kallang, Singapore





Fort Canning, Singapore



Telok Ayer, Singapore



Tokyo, Japan



Chinatown, Singapore



Thanon Phetchaburi, Bangkok, Thailand

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Paris, France



Orchard, Singapore



Los Angeles, United States of America



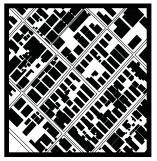
Toa Payoh, Singapore



Clarke Quay, Singapore



Brasilia, Brazil



Tuas, Singapore



Exiample, Barcelona, Spain



Amsterdam, Netherlands



Tiong Bahru, Singapore



Venice, Italy



Little India, Singapore