



Benchmarking and monitoring cities to learn how to create healthy, liveable and sustainable cities for all?

Billie Giles-Corti

RMIT VC Professorial Fellow and Director Healthy Liveable Cities Lab, Centre for Urban Research, RMIT

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What's next...

Rapid urbanisation and population growth



Global recognition of the role of city planning



United Nations Sustainable Development Goals





























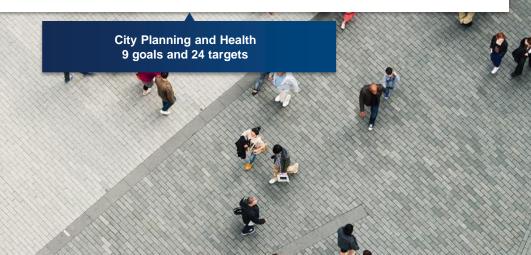




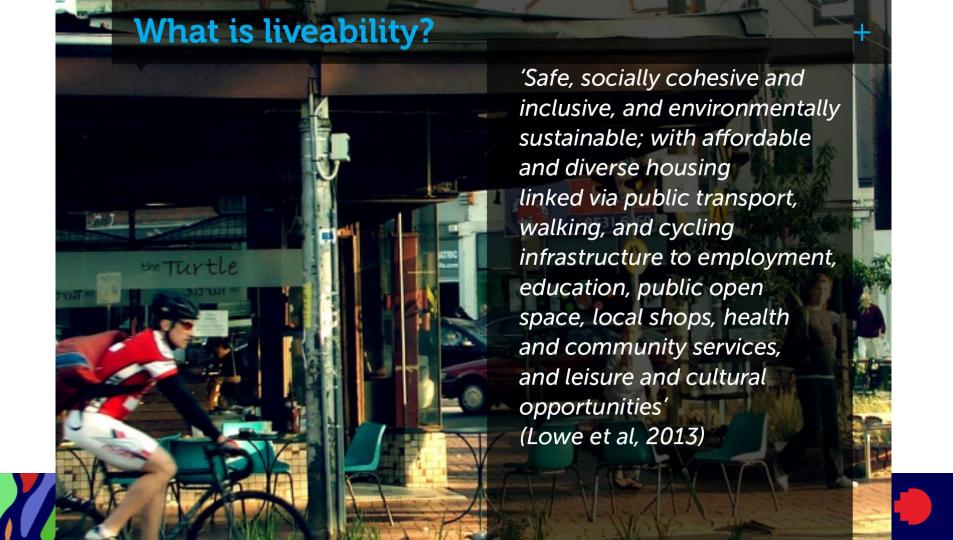












+Undertake policy-relevant studies

Original Article

'Tell us something we don't already know or do!' — The response of planning and transport professionals to public health guidance on the built environment and physical activity

Steven Allender^{a,*}, Nick Cavill^b, Mike Parker^c and Charles Foster^a

+Understand the policy world we were trying to influence

Integrated Planning for Healthy Communities

Victorian State Government Policy and Practice

Melanie Danica Lowe

Submitted in total fulfilment of the requirements of the degree of Doctor of Philosophy

February 2016

Melbourne School of Population and Global Health Faculty of Medicine, Dentistry and Health Sciences The University of Melbourne How does local government use evidence to inform strategic planning for health and wellbeing?

Geoffrey Russell Browne

ORCID ID: 0000-0003-1990-3050

Doctor of Philosophy

July 2017

Melbourne School of Population and Global Health
Faculty of Medicine, Dentistry and Health Sciences
The University of Melbourne

Submitted in total fulfilment of the degree



+ Partnership with policy-makers and practitioners



+ Create an exciting scientific enterprise (Badland et al...)



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Using spatial measures to test a conceptual model of social infrastructure the supports health and wellbeing

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Melanie Davern^{a,d} , Lucy Gunn^a , Carolyn Whitzman^b , Carl Higgs^a , Billie Giles-Corti^a Koen Simons^{a,c} , Karen Villanueva^a , Suzanne Mavoa^d, Rebecca Roberts^a and Hannah Badland^{a,d}

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*Healthy Liveable Cities Group, Centre for Urban Research, RMIT University, Melbourne, Australia; hMelbourne School of Design, Unive Melbourne, Melbourne, Australia; 'Centre for Biostatistics and Epidemiology, Melbourne School of Global and Population Health, Un

Question 1: Are the underlying domains of

liveability associated with health and wellbeing?

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Conclu diabeti Keywo culture, sport and recreation, parks and emergency services. These services are needed to promote health and wellbeing and underinvestment and poor planning of social infrastructure has been linked to area-based health inequities. Current methods used to plan infrastructure delivery in communities were analysed and a new conceptual framework of social infrastructure developed and empirically tested using geocoded health survey data linked to spatial social infrastructure measures. Both accessibility and mix of social infrastructure were associated with higher Subjective Wellbeing. Residents were most likely to have close access to childcare services, dentists, doctors and sport facilities and least likely to have access to services of culture and leisure including cinemas, theatres, libraries, museums and art galleries. Results provide evidence of direct associations between social infrastructure planning and public health, the need for alternative social infrastructure urban planning methods and policies, and areas for future research.

Introduction

Social infrastructure is essential for the creation and ongoing development of healthy communities and must be planned for, to ensure provision of social services across the lifespan. The amenities and services available within a community also influence the liveability of local communities, as well as the health and wellbeing of individuals. Timely and accessible delivery of social infrastructure is an essential domain of liveability in a review of liveability indicators (Badland et al. 2014; Lowe et al. 2015). The review defined a liveable community as:

safe, attractive, socially inclusive and cohesive, environmentally sustainable with affordable and diverse housing, linked by convenient public transport, walking and cycling infrastructure to employment, education, local shops and community services, leisure and cultural opportunities and public open space (Lowe et al. 2013).

Social infrastructure addresses a number of the social determinants of health and influences avoidable health 2008). Socio-spatial inequities have been quar across Australia (Baum and Gleeson 2010) and ing inequality has been demonstrated (Gleeson : Gentrification, population growth and housing fordability have been associated with the displace of low-income residents in areas well serviced by transport and social infrastructure (Smith 2002; and Graves 2005; Desmond and Kimbro 2015;

Rapid growth in established communities and urban development requires new approaches to infrastructure policy, planning and delivery, incl clear definition of social infrastructure. Evider also required to demonstrate the importance of infrastructure access to health and wellbeing and this might influence a community's liveability. The very little research examining the impact of social structure on the health and wellbeing of resident this paper seeks to address these gaps. First, it pro 1 1 11 16 ... 6 .11 6





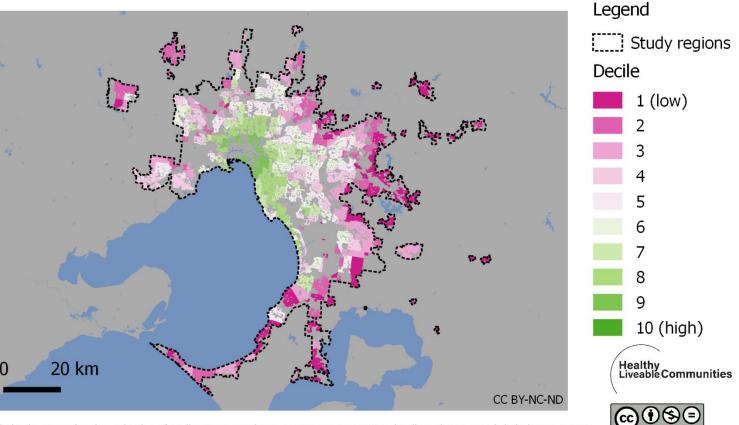
variations in access to health-

What's next...



Composite walkability indicator* for suburbs within Melbourne

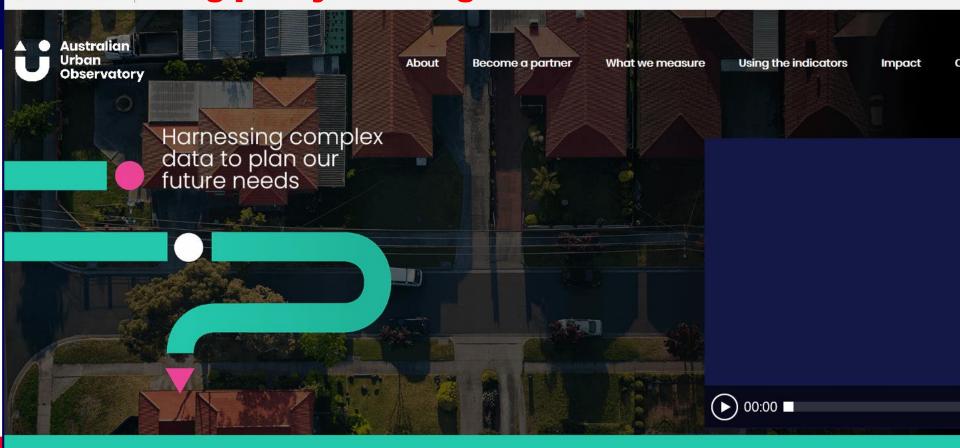




^{*} decile score for the suburbs of Melbourne, combining street connectivity, dwelling density and daily living scores

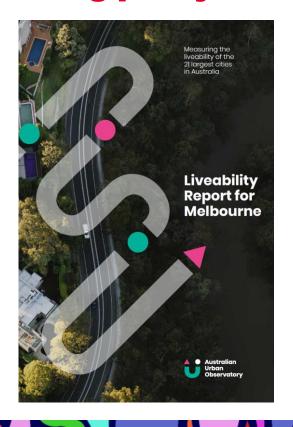
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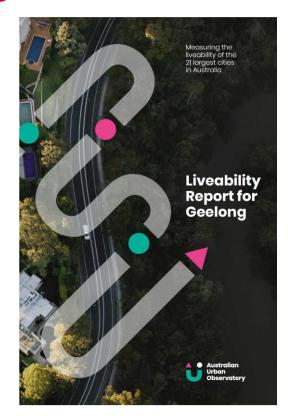
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+Influencing policy: Making sense of the evidence









Is anyone listening?

Have we had policy impact?

What's next...

National Government





5.2: Performance Indicators

Performance indicators reflect the performance of cities in achieving wider economic, social and environmental objectives. Performance indicators aim to help governments implement city strategies by linking the six Smart Cities policy priorities to clearly defined performance measures

A list of performance indicators is at Box 7. Detailed information about each performance indicator. including how it is calculated, the source of the data. why it matters and its limitations is provided in the Performance Framework Data Dictionary at Appendix A.

Box 7: Performance Indicators

Jobs and Skills

- Employment growth (New)
- Unemployment rate
- Educational attainment

nfrastructure and Investment

- Jobs accessible in 30 minutes
- Work trips by public and active transport
- Liveability and Sustainability
- Adult obesity rate
- Perceived safety (New)
- Access to green space
- Green space area Support in times of crisis
- Suicide rate
- Air quality
- Volunteering (New)

Office building energy efficiency (New) Access to public transport (New)

Innovation and Digital Opportunities

- Knowledge services industries
- Broadband connections
- Patents and trademarks

Governance, Planning and Regulation

Governance fragmentation

Housing

- Public and community housing
- Rent stress
- Housing construction costs
- Dwelling price to income ratio
- Population change per building approval

Access to public transport

Description

The proportion of dwellings within 400 metres of a frequently serviced public transport stop - one with a scheduled service every 30 minutes from 7am to 7pm on a normal weekday.

Rationale

A well-integrated and accessible public transport system has the potential to reduce traffic congestion in a city and improve residents' access to jobs and goods and services.

Limitations

Access to public transport can make it easier for people to get to jobs, but it does not mean that jobs are close by.

Data are not available for all cities.

Data source

Royal Melbourne Institute of Technology

- Creating liveable cities in Australia – 2017

Source-data geography

GCCSA Method

Source data geographies align with city geographies.

City geography **GCCSA**

Unit



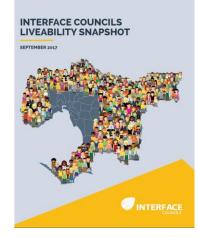


Local government municipal health planning









Attachment 10



MORNINGTON PENINSULA LIVEABILITY
INDEX 2017

A liveability report of the towns and villages in the Mornington Peninsula

State government

20-Minute Neighbourhoods Creating a more liveable Melbourne

Planning outcomes need to be monitored

The term 'liveability' is used across the world to describe and compare cities.

Despite extensive use of the word, the term is not consistently defined or monitored.

Currently, there is no monitoring framework to track planning policy and the liveability of our neighbourhoods at a local level.

In 2018, RMIT University developed a liveability scorecard for Melbourne, building on the Creating Liveable Cities in Australia 2017 report.

Key recommendations were:

 measurable standards be included in policies, regulations and guidelines for urban planning, transport and infrastructure

- spatial policies be included for improving the food and alcohol environment
- spatial indicators be adopted to measure and monitor the implementation of state government policies designed to create liveable communities.

RMIT will be developing a liveability framework to measure public health and wellbeing. This framework and others should be monitored to assist in delivering *Plan Melbourne Action 76 Metropolitan-wide 'neighbourhoods index'*.



Features of healthy and sustainable learning cities

- 1. Genuine partnerships between academics, policymakers and practitioners
- 2. Research that is policy-relevant
- 3. Researchers understand the policy world they are trying to influence
- 4. A dynamic high quality scientific enterprise
- 5. Researchers want to influence policy: they make sense of the evidence
- 6. Policymakers and practitioners open to learn and to use evidence to inform policy and practice























