
*'Advancing Community Outcomes
and Indicators'* Anew NZ Research Project

- Seeking and Integrated Structure of Indicators
and Illustrations of Best Practice in Processes for
Community Outcomes and LTCCP's



David Kettle and Dave Breuer

Objectives

- An integrated structure from existing data
 - Enable comparability
 - Enable central agencies to assist in data
 - Identify council work
 - Identify overseas work
 - Assess community outcomes
 - Assess indicators
 - Identify best practice processes
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Compared Different Indicator Sets

- International
 - UK, Nordic, Japan, Victoria (Australia), Canadian Index of Wellbeing, GPI.
 - National
 - Monitoring Progress Towards a Sustainable NZ (2002), Quality of Life (2007), MARCO, MSD, MED, MfE, MCH.
 - Regional LTCCP's
 - 9 of 12 Regional Councils
 - Local LTCCP's
 - 23 Nth Island and 9 Sth Island TLA's.
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Methodology

Step 1: Themes (6 capitals)

Step 2: Sub-Themes (energy, transport, water....)

Step 3a: Community Outcomes

Step 3b: Indicators

Step 3c: Compare 3b to international sets

Step 4: Possible 20 to 40 'core set'

Recommended Sub-Themes

PEOPLE		PROCESSES		PLACES	
Cultural	Social	Governance	Economic	Natural Env.	Built Env.
Cultural	Safety	Participation	Economic Growth	Air	Energy/Electricity
Heritage	Education	Trust	Economic Wealth	Waste	Transport
	Health	Governance	Business Activity	Biodiversity - Land	Housing
			Personal Wealth	Water	
	Connectedness		Employment	Other	Other
	Wellbeing				

Community Outcome Examples

	PEOPLE		PROCESSES		PLACES	
	Cultural	Social	Governance	Economic	Natrual Env	Built Env.
Hamilton Each outcome has another 3 to 7 statements	Vibrant and Creative - "A city that encourages creativity for a vibrant lifestyle"				Sustainable and Well Planned - "An attractive city that is planned for the well-being of people and nature, now and in the future"	
	Unique Identity - "A city with a strong identity that recognises the significance of its river and history"					
	Safety and Community Spirit - "A safe, friendly city where all people feel connected and valued"					
	Healthy and Happy - "Active and healthy people with access to affordable facilities and services"					
				Intelligent and Progressive City - "Business growth that is in harmony with the city's identity and community spirit"		
Working Together - "Collaborative decision-making and planning are common practice"						
Taranaki Regional and Local Councils joint outcomes	Secure & Healthy		Prosperous		Connected - infra., transport & commctns	
	Skilled - social, cultural and economic					
	Vibrant - high quality and diverse cultural and recreational experiences, independence and creativity					
	Together - caring, inclusive, identity					
	Sustainable - natural environment, physical and human resources					
Christchurch	A safe city		Well-governed	A prosperous city	Value and protect the natural environment	
	A city of inclusive and diverse communities				An attractive and well-designed city	
	A healthy city					
	A city for recreation, fun and creativity					
	Lifelong learning					
Southland Councils joint outcomes	A great place to live		Strong, effective leadership taking us into the future	Diverse economy, growth & prosperity	Treasured environment which we care for and which supports us now and into the future	
	Safe places, caring society free from crime					
	Healthy people					
	Well-educated and skilled, future learning					
Dunedin	Culture and learning	Safe and healthy people	Wealthy community		Accessible city	
	Supportive community				Sustainable city and environment	
	Active City				Active City	

Colour coded indicators in terms of:

Yellow – Common to all
(crime, perception of safety)

Green – Common inter/national not reg/local
(obesity, self-rated health)

Orange – new areas of interest
(food, fruit-veg consumption)

Blue – several types measuring same issue
(skills-job match, transport)

PEOPLE		PROCESSES		PLACES	
Cultural	Social	Governance	Economic	Natural Env.	Built Env.
Cultural	Safety	Participation	Economic Growth	Greenhouse Gases	Energy/Electricity
Proportion Maori able to speak Te reo Maori	Crime levels	Voter turnout?	GDP per ?	Greenhouse gases?	Energy Use
Speakers of 1st language	Road Safety				
(Maori) Participation in cultural activities	Perception of safety		Economic Activity Index or Growth Index (BERL)?		Renewable energy
Heritage	Employment	Trust	Economic Wealth	Air Quality	Transport
Protected Sites	Satisfaction with work/life balance	Confidence/Satisfaction with Council	Per Capita Wealth?	Air quality	Traffic/transport (km travelled)?
	Volunteer				
	Employment / Unemployment		Rich/poor gap distr.		Public transport
	Education	Governance?	Business Activity	Waste	Housing
	Early childhood education	Perception Council and decision-making	Number/size of businesses?	Kerbside/Com-Ind waste	Housing affordability
	Qualification Levels Achieved			Kerbside/Com-Ind recycling	Household crowding
	Health		Personal Wealth	Biodiversity - Land	Median Household Income vs House Price
	Self-reported health status		Need indicator to link income to expenses?	One combined or several?	
	Health Stats		Median Household Income vs Food Price Index		
	Life Expectancy			Water	
	Modifiable risk factors (physical activity, cigarettes, obesity)			Water consumption	
	GPs/pop & access?			Beach, lake, stream	
	Food				
	Connectedness				
	Internet, broadband, mobile				
	Pride, strength, spirit				
	???			Other	Other
	Wellbeing			Local natural environmental issues	Local feel of city - sense of pride
	???			Ecological Footprint	
	Deprivation Index			Biosecurity	
Totals of indicators in each theme (total of 49)					
4	17	3	7	10	8

The Three Roles

These roles are not values, but natural operating functions.

Our job is to help the roles function better.

The healthier the role..... the better it can functionthe better is the overall health of the system.



1. **Self care:** functions needed for the six capitals to maintain themselves in a healthy state.
 2. **Care for us:** functions that each of the six capitals perform to support or care for us as a society
 3. **We care for it:** functions that we, society to take care of the six capitals
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CULTURE		
Activity/Roles	Possible Indicators	Explanation
1. Self care	Speakers of first language.	Speaking your first language is one way of understanding the culture and allowing the culture itself, through the language, to reinforce cultural aspects in your everyday life.
2. Cares for us	Employment in cultural activities.	The promoting of cultural products or services are ways cultural activities can look after us in terms of maintaining identity and connectedness. When such activities are able to provide employment opportunities they gain an added degree of sustainability.
3. We care for it	Participation in cultural activities.	Participation/engagement of the wider community in cultural activities shows how we care for different cultures.

Recommended 'Core Set'

PEOPLE		PROCESSES		PLACES	
Cultural	Social	Governance	Economic	Natural Env.	Built Env.
Cultural	Safety	Participation	Economic Growth	Air	Energy/Electricity
Speakers of 1st language	Crime levels	Voter turnout (expand)	GDP per ?	Greenhouse gases	Energy Use (Intensity)
Participation in cultural activities	Perception of safety			Air Quality	Renewable energy
Heritage	Education	Trust	Economic Wealth	Waste	Transport
Protected Sites	Early childhood education	Confidence/Satisfaction with Council	Innovation (R & D)	Kerbside/Com-Ind waste	Traffic/transport (km travelled)?
			Rich/poor gap distr.	Kerbside/Com-Ind recycling	Public transport?
	Health	Governance	Business Activity	Biodiversity - Land	Housing
	Self-reported health status	Perception Council and decision-making	Number/size of businesses?	One combined or several?	Housing affordability
	Health Stats, including mental health		Personal Wealth	Water	
	Modifiable risk factors (physical activity, cigarettes, obesity)		Median Household Income vs Food Price Index	Water consumption	
	Food			Beach, lake, stream quality	
	Connectedness		Employment	Other	Other
	Pride, strength, spirit		Volunteer	Local natural environmental issues	Local feel of city - sense of pride
	Wellbeing		Employment in local area	Ecological Footprint	
	Deprivation Index		Unemployment	Biosecurity	

Numbers of suggested core indicators in each theme (in red type/shaded boxes) (total of 39)

3	9	3	8	10	6
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CULTURE/HERITAGE and SOCIAL

Recommended 'Sub-themes' and 'Core' Indicators (39) <small>28-May-08</small>	UK Government (20)	Nordic 2006 (23)	Japan (20)	Switzerland - MONET (17)	GPI - Redefining Progress (23)	GPI - Full Cost Accounting (20)
Culture & Heritage						
Culture	(see Governance for Sami Parliaments)					
Speakers 1st language						
Participation cultural activities			S-4. Volume traditional crafts			
Heritage		(see Social Cohesion)				
Protected Sites						
Social						Social and Human Capital
Safety						
Crime levels	38. Crime	People killed in road accidents	S-1. Crimes per 1,000 pop W-4. Suicide rate	Violence	Crime	Costs of crime
Perception of safety						
(Employment see economic)						
Education						
Early childhood education	47. Education		W-2. Academic achievement PISA	Teenage reading skills	Defensive health and education expenditure	Education attainment
Health		Use of mercury				
Self-reported health status	49. Health inequality	Life expectancy at birth				Population health
Health stats, incl. mental health		Fertility rate		Mental wellbeing		
Modifiable risk factors (physical activity, cigarettes, obesity)		Infection with Campylobacteria				
Food		Overweight	E-3. Calorie-based food self-sufficiency ratio			
		Use of mercury				
Connectedness						
Pride, strength, spirit	59. Social justice (?)					
Well-being	68. Wellbeing		W-1. % people satisfied with lives			
Deprivation Index						

GOVERNANCE and ECONOMIC

Recommended 'Sub-themes' and 'Core' Indicators (39)	UK Government (20)	Nordic 2006 (23)	Japan (20)	Switzerland - MONET (17)	GPI - Redefining Progress (23)	GPI - Full Cost Accounting (20)
28-May-08						
Governance						
Participation						
Voter turnout (expand)		Voter turnout	S-3. % Diet seats held by women			
Trust		Nordic Sami parliaments				
Confidence/satisfaction w council						
Governance						
Perceptn council & decision-making						
Economic						Living Standards
Economic Growth	13. Resource Use	Economic growth	E-2. GDP/resources	Investment to GDP ratio	Net capital growth	Economic security
GDP per ?	32. Economic growth	Decoupling economic / envir.	E-4. GDP/debt E-5. Aid/GNI	Public debt	Public consumption	Debt and assets
Economic Wealth			S-5. % SRI securities of invested	Domestic Material Consumption / GDP	Personal consumption	Income distribution
Innovation (R&D)				Wage gap between men and women	Services of public capital	
Rich/poor gap distribution				Poverty	Net foreign lending	
Business Activity		No. ecolabel products				
Number/size of businesses?						
Personal Wealth						
Median Household income vs Food Price Index				People are earning more		Time Use
Employment	37. Active community particptn		W-3. Hours volunteering	People in science & technology	Household / community work	Economic value of civic and voluntary work
Volunteer						
Employment in local area	40. Employment		W-5. Public assistance	Official Development Assistance	Overwork	Economic value of unpaid childcare and housework
Unemployment	41. Workless households	Unemployment			Unemployment	
	43. Childhood poverty			Unemployment	Underemployment	Value of leisure time
	45. Pensioner poverty					Working time and employment

NATURAL and BUILT ENVIRONMENT

Recommended 'Sub-themes' and 'Core' Indicators (39)	UK Government (20)	Nordic 2006 (23)	Japan (20)	Switzerland - MONET (17)	GPI - Redefining Progress (23)	GPI - Full Cost Accounting (20)
28-May-08						
Natural Environment						Natural Capital and Human Impact on the Enviromnt
Air		Temperature trends			Ozone depletion	
Greenhouse gases	1. Greenhouse gases	Greenhouse gases	N-2. Greenhouse gases		Climate change	Greenhouse gases
Air quality	28. Ecological impacts of air polution				Air pollution	Air quality
Waste						
Kerbside/Com-ind waste	18. Waste		N-3. Domestic waste		Waste disposal	Solid waste
Kerbside/Com-ind recycling		Introduced species				
Biodiversity - Land		Forest trees defoliation	N-1. Species danger of extinction	Developed land encroaching on landscape	Soil quality	Soils and Agriculture
One combined or several?	20. Bird populations	Land use			Pest control	Forests
Water		Organic farms	N-4. Synthetic agr. chemicals	Habitat diversity	Wetland change	
Water Consumption	27. Fish stocks	Cod spawning stock			Water pollution	Water resources / quality
Beach, lake, stream quality	30. River quality					Marine env. / fisheries
Other						
Local natural environmental issues	60. Environmental equality	Public access to nature	N-5. % green consumers		Milling	
Ecological footprint					Noise pollution	Ecological footprint
Biosecurity					Mineral extraction	
Built Environment						
Energy/Electricity		Gross energy conspntn / capita				
Energy use (Intensity)				Per capita consumption of fossil fuels		Energy
Renewable energy		Renewable's share	E-1. % renewable energy			
Transport		Energy in transport sector				
Traffic/transport (km travelled)	55. Mobility		S-2. % over 15yrs bike to work	Growth of freight transport Private to public transport	Commuting	Sustainable transportation
Public transport						
Housing						
Housing affordability						
Other						
Local feel of city - sense of pride						

Processes

- Relationship between Council and Communities
 - Resources (International Public Participation Association, www.iap2.org: Canadian Tamarack Institute of Community Engagement, www.tamarackcommunity.ca: Australia, www.ourcommunity.com.au)
 - Engaging community (early, every stage, report back)
 - Consultation (contextualise, facilitator)
 - Engaging Maori (process, trust, respect)
 - Developing Indicators (community, experts, sources)
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Next Steps

- National set of core indicators?
and/or
 - Library of Indicators to choose from?
 - Processes best practice?
 - Where to from here?
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