

# Interrelations amongst/within Domain Satisfactions in the GSS

Charles Crothers  
Dept Social Sciences  
AUT  
November 2011

# Key NZ Academic References

- Brown, Denise; Julie Woolf & Conal Smith (2011) New Zealand's Social Welfare Function. NZAE Conference
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- [Ganglmair-Wooliscroft, Alexandra](#) & Lawson, Rob (2008 ) Applying the International Wellbeing Index to investigate subjective wellbeing of New Zealanders with European and with Maori heritage Kōtuitui v.3 n.1:p.57-72
- Koopman-Boyden, Peggy; Suzan van der Pas & Michael Cameron (2007) Wellbeing – Social Connectedness and Economic Standard of Living among 65-84 Year Olds In New Zealand – 2007. Ewas Working Paper Series Working Paper 9
- Morrison, Philip S (2007) Subjective wellbeing and the city Social policy journal of New Zealand / Te Puna Whakaaro (Online), n.31:p.74-103
- Sibley Chris G.; Niki Harre´; William James Hoverd; & Carla A. Houkamau T(2011) The Gap in the Subjective Wellbeing of Maori and New Zealand Europeans Widened Between 2005 and 2009 Soc Indic Res 104:103–115

# Key NZ Reports

- MSD Social Report
- Stats NZ Sustainable Indicators
- Stats NZ GSS
- Big Cities QOL
- NZI Scorecard

# Key Questions/Sections

- the links between objective and subjective indicators in each domain
- the extent to which experiences in domains cohere and empirically overlap with other domains
- subjective predictors of overall SWB
- the social background correlates of social indicators

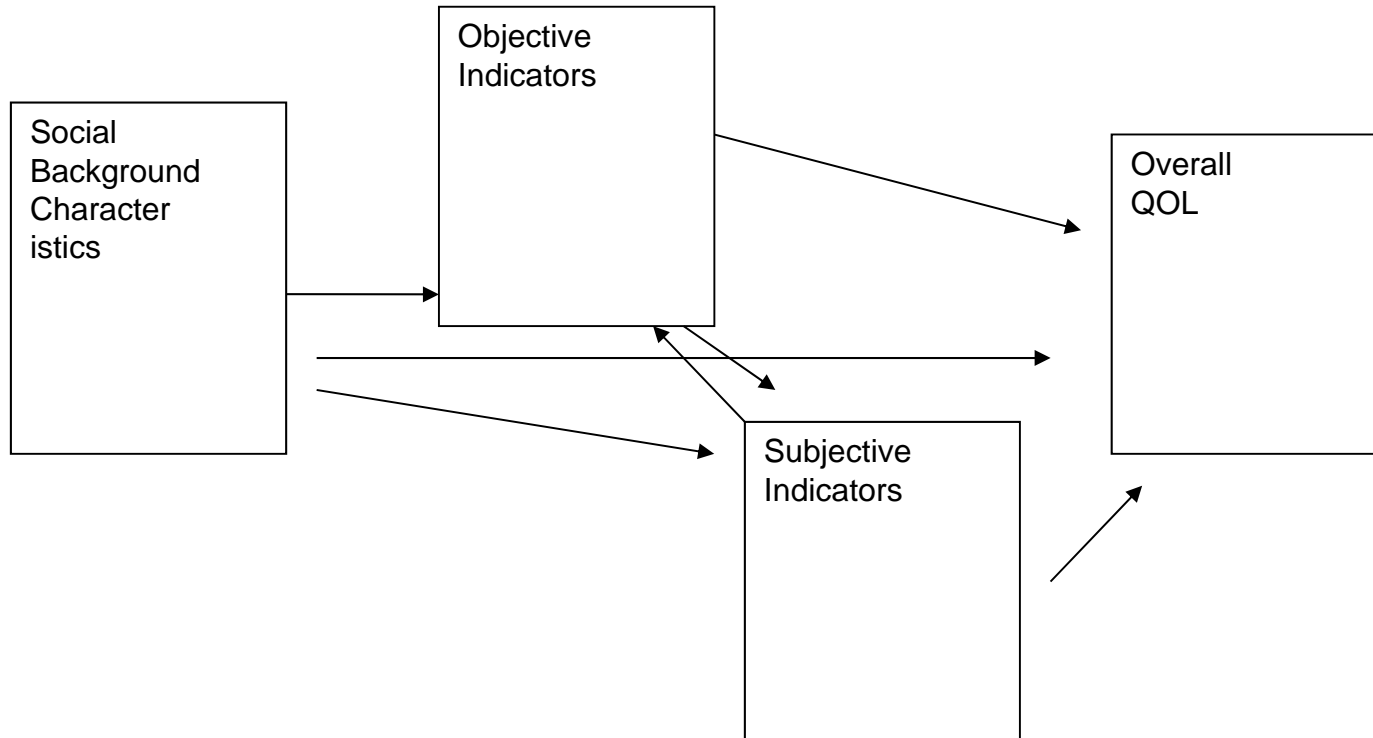
# Definitions

- *Social well-being involves a person's relationship with others and how that person communicates, interacts and socialises with other people. It can also relate to how people make friends and whether they have a sense of belonging. For example, going to the movies with friends is being social. (REF-OECD)*

# MSD SR Comments

- 10 outcome "domains" or areas of people's lives such as health, education, standard of living and safety.
- The desired outcome statements for each domain are "ideal" outcomes, rather than specific targets.
- The outcome domains are interconnected. Doing well or poorly in one domain is likely to affect performance in other domains. For example, poor educational outcomes are associated with higher levels of unemployment and lower incomes, which in turn are linked to housing affordability problems, poorer health and lower levels of life satisfaction.
- Social indicators are statistical measures that can be repeated over time to illustrate changes in the quality of life or social wellbeing.
- Some indicators measure change in the outcome of interest directly (eg median hourly earnings in the Paid Work domain). Others are known to be good predictors of later outcomes (eg cigarette smoking, in the Health domain, is a predictor of later health problems).
- Mixture of objective measures (eg obesity, assault mortality) and subjective measures that reflect how people feel about a situation (eg contact with family and friends, overall life satisfaction).
- Key feature :any change can be interpreted as progress towards, or a movement away from, the desired *outcome*.
- How people are faring in New Zealand, how this has changed over time, and how social outcomes vary for different groups in the population.
- Helps us to identify adverse trends at an early stage. While cannot always show what is driving these trends, it can point us to where there needs to be further analysis to help understand the changes and how to address them.

# Chart



# GSS v SR Coverage

SR Domains	Domain	Objective	Subjective: Satisfaction	Other Subjective
People				
6	Cultural	POB		+
4	Standard of living	ELSI	*	+
1	Health	& components		+
(included in 4)	Housing	Problems, Size, Crowding	*	+
5 (Civil & Political)	Human rights			+
2 (&Skills)	Knowledge	Educational Qualls	*	
7 (& Recreation)	Leisure			+
	Physical environment	Access	*	
8	Safety	Victim status		+
9	Social connectedness	Contacts		+
3 (Paid)	Work	Occupation, Employment, Hours	*	+
19 (Life Satis)	Overall QOL		*	



## B1 Satisfaction Variables ordered by those with highest satisfactions (scale)

<b>+How do you feel about your employment arrangement?</b>	<b>11.67</b>
How do you feel about where you are currently living?	11.85
How do u feel about your knowledge, skills and abilities?	11.93
How do you feel about your life as a whole right now?	11.93
How do you feel about the condition of facilities in your town, city or rural area?	11.95
How do you feel about the state of the native bush, forests, nature reserves, and open green spaces that you've been to?	12.01
Think about the last four weeks, how do you feel about your job?	12.04
Generally, how satisfied are you with your current standard of living?	12.06
How do you feel about the state of the lakes, rivers, harbours, oceans and coastlines that you've been to?	12.29
How do you feel about the condition of public transport vehicles, such as buses and trains, in your town, city or rural area?	12.36
Overall, how do you feel about the quality of council services such as water supply, drainage, rubbish collection and roads in your town, city or rural area?	12.40
How do you feel about your access to public transport in your town, city or rural area?	14.27

Links between objective and subjective indicators in each domain

# Cultural Identity

	Length of stay in NZ core	Were you born in New Zealand?	Would you say you feel you belong to NZ very strongly, strongly or not very strongly?	Do you feel that you belong to any other country?	Here in New Zealand, how easy or difficult is it for you to express your own identity?
Length of stay in NZ core	1.000	.	-.269	.137	-.163
Were you born in New Zealand?	.	1.000	.343	-.589	.104
Would you say you feel you belong to NZ very strongly, strongly or not very strongly?	-.269	.343	1.000	.012	.261
Do you feel that you belong to any other country?	.137	-.589	.012	1.000	.019
Here in New Zealand, how easy or difficult is it for you to express your own identity?	-.163	.104	.261	.019	1.000

# Economic QOL

Correlation	pincome	hincome	jensen	Economic living standard derived variable.	Generally, how would you rate your standard of living?	Generally, how satisfied are you with your current standard of living?	Would you say you have not enough money, just enough money, enough money, or more than enough money?
pincome	1.000	.524	-.031	.262	-.266	-.127	.307
hincome	.524	1.000	.383	.278	-.313	-.194	.313
jensen	-.031	.383	1.000	-.086	-.029	.027	-.074
Economic living standard derived variable.	.262	.278	-.086	1.000	-.622	-.656	.663
Generally, how would you rate your standard of living?	-.266	-.313	-.029	-.622	1.000	.555	-.444
Generally, how satisfied are you with your current standard of living?	-.127	-.194	.027	-.656	.555	1.000	-.464
Would you say you have not enough money, just enough money, enough money, or more than enough money?	.307	.313	-.074	.663	-.444	-.464	1.000

# Health

		<b>Physical health status DV SF 12</b>	<b>In general, would you say your health is excellent, very good, good, fair or</b>	<b>Mental health status DV SF 12</b>	<b>Physical/mental health status DV SF 12</b>
C o r r e l a t i o n	Physical health status DV SF 12	1.000	-.009	-.122	.703
	In general, would you say your health is excellent, very good, good, fair or	-.009	1.000	-.278	-.686
	Mental health status DV SF 12	-.122	-.278	1.000	.620
	Physical/mental health status DV SF 12	.703	-.686	.620	1.000

# Housing

		Bedrooms needed	Major problems with house or neighbourhood	How do you feel about where you are currently living?	crowda
Correlation	Bedrooms needed	1.000	.170	-.202	-.231
	Major problems with house or neighbourhood	.170	1.000	-.347	-.068
	How do you feel about where you are currently living?	-.202	-.347	1.000	.070
	crowda	-.231	-.068	.070	1.000
	crowdb	.487	.101	-.106	-.630

# Knowledge

		How do u feel about your knowledge, skills and abilities?	Highest qualification	What is your highest completed secondary school qualification?	Apart from secondary school qualifications, do you have any other completed qualifications?
Correlation	How do u feel about your knowledge, skills and abilities?	1.000	-.158	-.088	.078
	Highest qualification	-.158	1.000	.610	-.497
	What is your highest completed secondary school qualification?	-.088	.610	1.000	-.192
	Apart from secondary school qualifications, do you have any other completed qualifications?	.078	-.497	-.192	1.000

# Physical

c or rel ati on	<b>How many of the facilities (such as shops, schools, post shops, libraries, medical services) that you want to go to can you easily get to?</b>	<b>1.000</b>	<b>.148</b>	<b>.134</b>	<b>.110</b>	<b>.115</b>
	How do you feel about the condition of facilities in your town, city or rural area?	.148	1.000	.179	.357	.530
	How do you feel about your access to public transport in your town, city or rural area?	.134	.179	1.000	.513	.228
	How do you feel about the condition of public transport vehicles, such as buses and trains, in your town, city or rural area?	.110	.357	.513	1.000	.275
	Overall, how do you feel about the quality of council services such as water supply, drainage, rubbish collection and roads in your town, city or rural area?	.115	.530	.228	.275	1.000



# Safety

		How safe do you feel at work?	How safe do you feel waiting for or using public transport such as buses and trains during the day?	How safe do you feel waiting for or using public transport such as buses and trains at night?	How safe do you feel walking alone during the day in your neighbourhood?	How safe do you feel walking alone at night in your neighbourhood?	In the last 12 months, did you have any crimes committed against you?
Correlation	How safe do you feel at work?	1.000	.296	.171	.252	.115	-.087
	How safe do you feel waiting for or using public transport such as buses and trains during the day?	.296	1.000	.496	.439	.320	-.105
	How safe do you feel waiting for or using public transport such as buses and trains at night?	.171	.496	1.000	.314	.635	-.058
	How safe do you feel walking alone during the day in your neighbourhood?	.252	.439	.314	1.000	.505	-.067
	How safe do you feel walking alone at night in your neighbourhood?	.115	.320	.635	.505	1.000	-.065
	In the last 12 months, did you have any crimes committed against you?	-.087	-.105	-.058	-.067	-.065	1.000

# Social Connectedness

<b>C</b>	<b>Availability of help in time of need</b>	<b>1.000</b>	<b>.974</b>	<b>.123</b>	<b>.012</b>	<b>.070</b>	<b>.040</b>	<b>.010</b>
<b>or</b>	Availability of help in time of need	.974	1.000	.113	.011	.075	.039	-.004
<b>ati</b>	In the last four weeks, have you seen any family or relatives who don't live with you?	.123	.113	1.000	.	.687	.105	.124
<b>on</b>	In the last four weeks, how often have you seen them?	.012	.011	.	1.000	.187	.145	.080
	In the last four weeks, have you had at least one of these types of contact with family or relatives who don't live with you?	.070	.075	.687	.187	1.000	.	.028
	In the last four weeks, how often have you had non-face-to-face contact with them?	.040	.039	.105	.145	.	1.000	.079
	Would you say that you have too much contact, about the right amount of contact, or not enough contact with family/relatives?	.010	-.004	.124	.080	.028	.079	1.000
	In the last four weeks, how often have you felt isolated from others?	-.115	-.104	-.082	-.026	-.017	-.017	-.156

# Jobs/Work

	Hours Worked	FT/PT	No. Jobs	If you had the opportunity, would you choose to:	Think about the last four weeks, how do you feel about your job?	employ	How do you feel about your employment arrangement?
Hours Worked	1.000	.900	.091	.024	.007	-.050	-.020
FT/PT	.900	1.000	.082	-.044	.002	.072	.032
No. Jobs	.091	.082	1.000	.021	-.025	.117	.014
If you had the opportunity, would you choose to:	.024	-.044	.021	1.000	-.016	-.077	-.047
Think about the last four weeks, how do you feel about your job?	.007	.002	-.025	-.016	1.000	.024	.404
employ	-.050	.072	.117	-.077	.024	1.000	.211
How do you feel about your employment arrangement?	-.020	.032	.014	-.047	.404	.211	1.000

		<b>facilities (such as shops, schools, post shops, libraries, medical services) that you want to go to can you easily get to?</b>	<b>How do you feel about the condition of facilities in your town, city or rural area?</b>	<b>How do you feel about your access to public transport in your town, city or rural area?</b>	<b>How do you feel about the condition of public transport vehicles, such as buses and trains, in your town, city or rural area?</b>
Correlation	How many of the facilities (such as shops, schools, post shops, libraries, medical services) that you want to go to can you easily get to?	1.000	.148	.134	.110
	How do you feel about the condition of facilities in your town, city or rural area?	.148	1.000	.179	.357
	How do you feel about your access to public transport in your town, city or rural area?	.134	.179	1.000	.513
	How do you feel about the condition of public transport vehicles, such as buses and trains, in your town, city or rural area?	.110	.357	.513	1.000
	Overall, how do you feel about the quality of council services such as water supply, drainage, rubbish collection and roads in your town, city or rural area?	.115	.530	.228	.275

# Factor Analysis

- 8 factors which explain only 53% of the variance: not a very successful factor analysis.
- standard of living and housing situation
- safety
- job, skills, overall QOL
- public transport
- natural environment
- social contact
- free time (and health)
- discrimination/identity (and safety at work).

# MCA on Life Satisfaction

How do you feel about your life as a whole right now?		Beta
	Eta	Adjusted for Factors
Sex	.015	.056
01 partnered	.156	.106
Amount personal income	.121	.118
Labour force status	.104	.084
Highest qualification	.102	.068
Tenure of household	.184	.127
Single and Combination Ethnicity	.079	.030
Family type by child dependency status	.193	.066
Household size	.101	.034
Age	.110	.175
Multiple R/R2	.316	.100

# MCA amongst Subjective Indicators

How do you feel about your life as a whole right now?	Eta	How do you feel about your life as a whole right now?
Would you say you feel that very strongly, strongly or not very strongly?	.138	098
Generally, how would you rate your standard of living?	.345	215
Major problems with house or neighbourhood	.190	080
How do u feel about your knowledge, skills and abilities?	.258	156
In general, would you say your health is excellent, very good, good, fair or	.321	212
In the last four weeks, do you feel that you had too much free time, the right amount of free time or not enough free time?	.147	072
Overall, how do you feel about the quality of council services such as water supply, drainage, rubbish collection and roads in your town, city or rural area?	.120	059
How safe do you feel walking alone during the day in your neighbourhood?	.133	045
Would you say that you have too much contact, about the right amount of contact, or not enough contact with friends?	.103	040
Would you say that you have too much contact, about the right amount of contact, or not enough contact with family/relatives?	.102	024
Sum	.489	.239

# 2010 Results

- Overall life satisfaction is slightly down as is dissatisfaction (with more resting in the 'satisfied;' category)
- Personal incomes have very slightly increased but more feel that their income is inadequate
- More saw their health status as excellent
- far fewer had a major problem with their house or neighbourhood
- there was a tiny tilt towards feeling safer in home
- far more had emergency water
- experience of discrimination similar
- face to face contacts had declined and non-face to face increased. Concern about the lack of contact had very slightly increased. However, feelings of isolation were much the same.
- more undertook unpaid work
- Household recycling had increased substantially
- Housing minimising of energy use had slightly increased.