

HWR - ICC Content  
Inventory

NO	CONTENT	ORIGIN
<b>YOUR HEALTH AND WELL BEING AND QUALITY OF LIFE</b>		
1	Physical and mental health / wellbeing	Patient Reported Outcomes Measurement Information System (PROMIS)
2(a-f)	Life engagement	Scheier, Wrosch, Baum, Cohen, Martire, Matthews, Schulz, & Zdaniuk (2006)
2(g-n)	Meaning in life.	Krause (2009).
3	Life satisfaction	Inglehart, R., Basanez M., Diez-Medrano, J., Halman, L., & Luijkx, R. (2004) Human beliefs and values: A cross-cultural sourced book based on the 1999-2002 Values Surveys. Mexico City: Sligo Vientiuno.
4-9	Physical and mental health	SF 12 v2
10	Fatigue	PROMIS
11	Depression measure	PROMIS
12a	Physical and mental health / wellbeing	SF 12 v2
12b	Physical and mental health / wellbeing	PROMIS
13	Depression measure	CES-D-10
14	Physical and mental health / wellbeing	PROMIS
15	Alcohol use	(AUDIT-C World Health Organization, 2001) Health Organization. (2001). (Andy Towers)
16	Smoking	Derived from Quit Group & MoH 'Taking the Pulse' survey.
17 - 18	Health care usage	HWR 2006 & 2008 used items from the 1999 Ministry of Health 'Taking the Pulse' adult survey, asking about (1) GP visits, (2) ER visits, and (3) hospitalizations. NZLSA 2012 uses these questions (in compressed presentation) and adds a scale on treatment by health providers (see Fiona for provenance).
19 - 20	Visual disability	HWR 2008 included the visual disability screening item from the NZ Disability Survey (2001: Statistics New Zealand) -La Grow.
21	Fall Screen	HART/ACC for ICC 2013
22(a-l)	Quality of Life	CASP – Wiggins et al. (2008)
23	Driving/license	HWR 2008 included driving status and anxiety/fear-related questions for Dr Jo Taylor (Psychology, Massey University). Jo, Fiona and Professor Martin Connolly (University of Auckland & Waitemata DHB) had expanded driving status & driving reduction screen included in NZLSA 2012.
24	Telehealth	Use of telehealth services. Sintonen & Immonen (2013). Telecare services for aging people: Assessment of critical factors influencing the adoption intention. <i>Computers in Human Behaviour</i> , 29, 137-1317.

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WHANAU FAMILY AND FRIENDS		
25	Loneliness	de Jong Gierveld et al. (2009).
26-31	Social Networks	Wenger (adapted to take into account additional aspects from ELSA)

COMPUTER AND INTERNET		
32(a-f)	Internet	Extension of Wenger by Chris Stephens
31(g)	How do you use the internet	Adapted from Stern, M.J. & Dillman, D. A. (2006). Community participation, social ties and use of the internet. <i>City and Community</i> , 5(4), 409-424.
31 (h)	Internet communications	Cotten, S., Anderson, W., McCullough, B. (2012). The impact of ICT use on loneliness and contact with others among older adults. <i>Gerontology</i> , 11(2).

ACTIVITIES		
33	Recreational activities	EWAS (adapted from)
34	Happiness	Lyubomirsky & Lepper's (1999) items 1 & 2
35	Volunteering and community	HWR 2008 questionnaire – emanated from the development team, with help from Dr Patrick Dulin. Volunteering, Ministry of Social Development (2005) Ministry of Social Development. (2005). <i>Quality of Life in New Zealand's Eight Largest Cities 2003</i> . Wellington: Ministry of Social Development and the Quality of Life Project. Part of Petrewskyj and Warburton (2007). Some extras added by Fiona.
36	Physical activity	Physical Activity Questionnaire (IPAQ-SF) and has been normed for New Zealand use - a joint project between SPARC (2004) and the Ministry of Health (McLean & Tobias, 2004; Moy, 2005).

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	<b>YOUR WORK AND RETIREMENT STATUS</b>	
37	Current employment	These questions were devised specifically for the HWR 2006/8 NZLSA 10/12 with some minor amendments occurring with each subsequent questionnaire.
38	Preferred vs current employment	HWR/NZLSA 10/12
39	Hours of employment	HWR/NZLSA 10/12
40	Length of employment	Work history (previous HWR/NZLSA)
41	Flexible work arrangements (employer)	UK Flexible Working Employees and Employers Survey (2005).
42	Flexible work practices	Flexible Working Employees and Employers Survey December 2005.
43(a)	Job satisfaction	Brayfield, A. H. & Rothe, H. F. (1951)
43(b)	Work involvement	Kanungo, 1982
43(c)	Career Satisfaction	Greenhaus, Parasuraman & Wormley, 1990
43(d)	Job stress	HWR, 2006
43(e)	Work/family commitment	Kopelman, R.E. , Greenhaus, J.J. & Connolly, T.F. (1983).
44	Intended age of retirement	HRS - HWR and NZLSA 2010 have asked for anticipated retirement age but not included in 2012.
45	Financially planned for retirement	HWR/NZLSA
46	Anticipated retirement finances	Adams and Beehr (1998)
47	Attitudes to work /care	Marjorie Armstrong-Stassen (2008). Organisational practices and the postretirement employment experience of older Workers. <i>Human Resource Management Journal</i> , 18,1, 36–53.
48	Age of retirement	HWR/NZLSA
49	Retirement history	HWR/NZLSA

	<b>YOUR FINANCIAL WELLBEING</b>	
50	Income received	HWR/NZLSA
51	Govt support	HWR/NZLSA shortened from income sources question
52	Dependent people	HWR/NZLSA
53	ELSI- <i>Elder</i>	Breheny, M., Stephens, C., Alpass, F., Stevenson, B., Carter, K. & Yeung, P. (in press). Development and validation of a measure of living standards for older people. Social Indicators Research. DOI 10.1007/s11205-012-0188-4.
54-57	Living Standards	ELSI (2008)

	<b>YOUR PERSONAL SITUATION</b>	
58	Gender	NZLSA
59	Marital status	NZLSA
60	Educational qualifications	NZLSA
61	Household composition	NZLSA

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<b>62 a</b>	Ethnicity - belonging	NZLSA
<b>62 b</b>	Ethnicity - identifying	Multigroup Ethnic Identity Measure – Revised (MEIM—R): Phinney & Ong (2007).
<b>63</b>	Ethnicity – identifying various aspects	Multigroup Ethnic Identity Measure – Revised (MEIM—R): Phinney & Ong (2007) +FC additions.
<b>64</b>	DOB	NZLSA
<b>65</b>	Maori ancestry	Stevenson (2004) and utilised in the MSD's <i>Living Standards of Older Maori</i> .

<b>WHERE YOU LIVE</b>		
<b>66</b>	Neighbourhood safety	Revised EWAS item
<b>67</b>	Locations difficult to access	EWAS
<b>68</b>	Residential description and ownership	NZLSA
<b>69-70</b>	Considering moving into a retirement home	Questions from Dimity Crisp PhD thesis (Windsor and Anstey).
<b>71-73</b>	Retirement Housing	Encourage/discourage moving to retirement village/complex - Dimity Crisp
<b>74</b>	Payment options for housing	Ageing in place: intergenerational and intrafamilial housing transfers and shifts in later life authored by Dr Diana Olsberg and Mark Winters for the Australian Housing and Urban Research Institute October 2005
<b>75-77</b>	Caring situation	HWR/NZLSA
<b>78</b>	Care in a crisis	Davey and Keeling, Working Carers Report, 2004.
<b>79</b>	Caree hospitalised?	Women's Health Australia (caring for your health pilot study) 2007
<b>80</b>	Caring commitments	HWR/NZLSA

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	CARING SUPPLEMENT	
<b>1(a)</b>	Care recipient information	HWR/NZLSA
<b>1 (b) vi</b>	Care-giving screen	NZLSA (Alpass and Keeling)
<b>3</b>	Care with activities of daily living.	<p>LaPlante MP. The classic measure of disability in activities of daily living is biased by age but an expanded IADL/ADL measure is not. The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences. 2010;65:720–732. doi:10.1093/geronb/gbp129</p> <p>Spector WD, Fleishman JA. Combining activities of daily living with instrumental activities of daily living to measure functional disability. The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences. 1998;53:46–57. doi:10.1093/geronb/53B.1.S46.</p> <p>McKenzie, S., Tooth, L., Lucke, J., &amp; Dobson, A. (2009). Caring and use of services in women born between 1946 and 1951: Findings from the Australian Longitudinal Study on Women’s Health: Detailed report for the Australian Government Department of Health and Ageing Carers Project, Stage 2, Phase 1.</p>
<b>4</b>	Travel time: Home/Care/Work	Davey and Keeling, Working Carers Report, 2004.
<b>5</b>	Flexible working arrangements	Davey and Keeling, Working Carers Report, 2004.
<b>6</b>	Work care balance	Davey and Keeling, Working Carers Report, 2004. Women’s Health Australia (caring for your health pilot study) 2007
<b>7-8</b>	New right/ have you requested?	Alpass and Keeling
<b>9</b>	Why not?	Alpass and Keeling
<b>10</b>	Value of usefulness to carers	Women’s Health Australia (caring for your health pilot study) 2007
<b>11</b>	Commencement of caring	Women’s Health Australia (caring for your health pilot study) 2007
<b>12</b>	Reason for caring	Women’s Health Australia (caring for your health pilot study) 2007
<b>13b</b>	COPE Index	McKee et al., 2003, Aging and Mental Health, 7:39-52; and Roud, Keeling and Sainsbury NZMJ, 2006, Vol 119, 1237.
<b>14a</b> <b>14b</b>	Reciprocal care	Fiona and Sally
<b>15a</b> <b>15b</b>	Future planning	Davey and Keeling, Working Carers Report, 2004.
<b>16</b>	Effect of providing care	Women’s Health Australia (caring for your health pilot study) 2007