

2016 Health, Work & Retirement Survey

Content Inventory

YOUR HEALTH, WELLBEING AND QUALITY OF LIFE		
Question #	Content	Origin & reference (where applicable)
1a, 4a, 5-9	Physical and mental health / wellbeing (SF-12)	Australia/New Zealand adaptation SF-12v2: Ware J, Kosinski M, Turner-Bowker D, Gandek B. How to Score Version 2 of the SF-12® Health Survey (With a Supplement Documenting Version 1). Lincoln, RI: Quality Metric Incorporated; 2002 Recommended scoring: Frieling MA, Davis WR, Chiang G. The SF-36v2 and SF-12v2 health surveys in New Zealand: norms, scoring coefficients and cross-country comparisons. Australian and New Zealand Journal of Public Health. 2013;37(1):24-31.
1, 4b, 11-13	Physical and mental health / wellbeing (PROMIS)	Cella D, Riley W, Stone A, et al. The Patient-Reported Outcomes Measurement Information System (PROMIS) developed and tested its first wave of adult self-reported health outcome item banks: 2005–2008. <i>Journal of Clinical Epidemiology</i> . 2010;63(11):1179-1194. Recommended scoring: http://assessmentcenter.net/Manuals.aspx .
2	Life satisfaction	The WHOQoL Group. Development of the World Health Organization WHOQOL-BREF quality of life assessment. The WHOQOL Group. <i>Psychol Med</i> . 1998;28(3):551-558.
3	Purpose in life	Scheier MF, Wrosch C, Baum A, et al. The Life Engagement Test: assessing purpose in life. <i>Journal of behavioral medicine</i> . 2006;29(3):291-298.
4c	Quality of life	
10	Depression (CESD-10)	Andresen, E. M., Malmgren, J. A., Carter, W. B., & Patrick, D. L. (1994). Screening for depression in well older adults: evaluation of a short form of the CES-D (Center for Epidemiologic Studies Depression Scale). <i>Am J Prev Med</i> , 10(2), 77-84
14	Quality of Life (CASP-12)	Wiggins RD, Netuveli G, Hyde M, Higgs P, Blane D. The Evaluation of a Self-enumerated Scale of Quality of Life (CASP-19) in the Context of Research on Ageing: A Combination of Exploratory and Confirmatory Approaches. <i>Social Indicators Research</i> . 2008;89(1):61-77.
15	Physical activity	Items from ELSA
16-17	Health service use	Items from Medical Expenditure Panel Survey
18-21	Illness and disability	Q20-21: Statistics New Zealand, 2001
22-27	Dental health	Items from J Broadbent, 2015
28-29	End of life planning	IMPACT, items from Don Baken, 2015
30-31, 33-36	Alcohol use and problems (NZCARET)	NZ version of the Comorbidity Alcohol Risk Evaluation Tool

32	Smoking	
37	Drugs and gambling check list	
38-39	Public transport	Ministry of Transport Travel Survey 2003-2015
40-44	Driving and driving anxiety	Dr Joanne Taylor
WHĀNAU, FAMILY AND FRIENDS		
Question #	Content	Origin & reference (where applicable)
45-50	Social connections (PANT, adapted)	PANT (Wenger 1994) - adapted
51	Unpaid childcare	
52-54	Volunteering	
55	Social participation and belonging	
56-57	Happiness	items from Lyubomirsky & Lepper, 1999
58	Loneliness	Gierveld, J. D. J., & Tilburg, T. V. (2006). A 6-Item Scale for Overall, Emotional, and Social Loneliness: Confirmatory Tests on Survey Data. <i>Research on Aging</i> , 28(5), 582-598. doi: 10.1177/0164027506289723
59	Social provisions scale	Cutrona, C. E., & Russell, D. W. (1987). The provisions of social relationships and adaptation to stress. <i>Advances in personal relationships</i> , 1(1), 37-67.
60-68	Caregiving	
WHERE YOU LIVE		
Question #	Content	Origin & reference (where applicable)
69-72	Housing tenure, type, quality and preferences	Moving plans (Q71): Heywood F Oldman C Means R (2002)
73	Housing satisfaction	Present home (Q73a, e-f): Heywood F Oldman C Means R (2002) Perceived housing (Q73b-c, g-h): Oswald, F., Schilling, O., Wahl, H-W, Fange, A., Sixsmith, J., Iwarsson, S. (2006). Present home (Q73d, i-k): HART, C Stephens 7/12/16
74-76	Neighbourhood quality, accessibility and social cohesion	Neighbourhood qualities (Q74): Items from Elderly Accommodation Counsel (EAC). www.Housing Care.org . Chosen in regard to important qualities identified by: Buckenberger, C. (2012). Meanings of housing qualities in suburbia: empirical evidence from Auckland, New Zealand. <i>Journal of Housing and the Built Environment</i> , 27(1), 69-88. Accessibility (Q75): adapted from Pas et al, 2015. Social cohesion (Q76): Stafford, Mai, Mel Bartley, Amanda Sacker, Michael Marmot, Richard Wilkinson, Richard Boreham, and Roger Thomas. 2003. "Measuring the Social Environment: Social Cohesion and Material Deprivation in English and Scottish Neighbourhoods." <i>Environment & Planning A Series</i>

		35:1459–75.
YOUR WORK AND RETIREMENT STATUS		
Question #	Content	Origin & reference (where applicable)
77-82	Work and retirement	Job satisfaction (item from Brayfield et al., 1951, Q82a) Work involvement (item from Kanungo, 1982, Q82b) Job demands/decision latitude (item from Bernin, 2002, Q82c) Job stress index (item developed by HWR 2006/2013, Q82d) Work/family conflict (Kopelman et al., 1983, Q82e)
83	Armed services history	
YOUR FINANCIAL WELLBEING		
Question #	Content	Origin & reference (where applicable)
84-93	Income and material quality of life	2013 NZ Census (Q84) ELSI-SF (Q87-92) LSCAPE (Q93a-f)
YOUR PERSONAL SITUATION		
Question #	Content	Origin & reference (where applicable)
94-102	Demographics and household composition	
103-112	Maori cultural engagement	
113	Personality inventory	Big Five Inventory 44-item version: John, O. P., & Srivastava, S. (1999). The Big-Five trait taxonomy: History, measurement, and theoretical perspectives. In L. A. Pervin & O. P. John (Eds.), <i>Handbook of personality: Theory and research</i> (Vol. 2, pp. 102–138). New York: Guilford Press. http://pages.uoregon.edu/sanjay/pubs/bigfive.pdf