

Table 1. Summary of Generic Preference-Based Health-Utility Measures (Information Updated April 2024)

Instrument	Dimensions	Severity Levels	Number of Questions	Health States	Recall Period Mode of Administration	Language Versions Available	Valuation Method: Value Sets Available
AQoL-4D (formerly AQoL) ¹⁻³	- Independent living - Relationships - Mental Health - Senses	4 per item	12	16.8 million	Past week - Self-completion (paper or online) - Interviewer (telephone)	Chinese, English, Italian, and Spanish	TTO: Australia
AQoL-6D (formerly AQoL-2) ^{4,5}	- Independent living - Relationships - Mental health - Coping - Pain - Senses	4-6 per item	20	65 trillion	Past week Self-completion	Chinese, English, German, Italian, and Spanish	TTO: Australia
AQoL-8D ^{28,29}	- Independent living - Pain - Senses - Happiness - Mental health - Coping - Relationships - Self worth	4-6 per item	35	4 x 1024	Past Week Self-completion	Chinese, Dutch, English, German, Danish, Italian, and Spanish	Best-worst scaling: Australia
EQ-5D-3L ⁶⁻⁸	- Mobility - Self-care - Usual activities - Pain/discomfort - Anxiety/depression	3 per item	5	243	Today - Self-completion (paper, smartphone, tablet, computer, or online) - Face-to-face or telephone interview - Proxy - IVRS	Over 170 language versions (varies by mode of administration), including UK English, French, German, Italian, and Spanish See EuroQol website for complete list	TTO and DCE: 34 countries See EuroQol website for a complete list. VAS only: 5 countries (Belgium, Europe, Finland, New Zealand, and Slovenia)
EQ-5D-5L ⁹⁻¹⁵	- Mobility - Self-care - Usual activities - Pain/discomfort - Anxiety/depression	5 per item	5	3,125	Today - Self-completion (paper, smartphone, tablet, computer, or online) - Face-to-face or telephone interview - Proxy - IVRS	More than 150 languages (varies by mode of administration), including UK English, Canadian English, French, Italian, and Spanish See EuroQol website for complete list	TTO and DCE: Approximately 29 countries. Notably, the UK does not currently have an approved EQ-5D-5L value set. See EuroQol website for complete list.
EQ-HWB-S ^{30, 31} (in development)	- Activity - Relationships - Cognition - Self-identity - Autonomy - Feelings - Physical sensations	5 per item	9	1,953,125	Last 7 days Self-completion	English	Composite TTO and DCE: UK (pilot)

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HUI2 ^{16,17}	• Sensory • Mobility • Emotion • Cognition • Self-care • Pain (Original version contained a fertility dimension for use in a specific patient group)	4-5 per item (3 per fertility dimension)	15 (self-administered) or 13 to 39 (interviewer administered)	8,000	Usual health, last week, past 2 weeks, and past 4 weeks • Self-completion (paper) • Interview (administered remotely or face to face) • Proxy assessment • Web-based format	Over 35 languages, including English, French, German, Italian, Spanish, and Swedish See Health Utilities Inc website for complete list	VAS transformed into SG: Canada, UK
HUI3 ¹⁸	• Vision • Hearing • Speech • Ambulation • Dexterity • Emotion • Cognition • Pain	5-6 per item	15 (self-administered) or 40 (interviewer administered)	972,000	Usual health, last week, past 2 weeks, and past 4 weeks • Self-completion (paper) • Interview (administered remotely or face to face) • Proxy assessment • Web-based format	Over 35 languages including English, French, German, Italian, Spanish, and Swedish See Health Utilities Inc website for complete list	VAS transformed into SG: Canada, France, Singapore
PROPr ^{32, 33, 34, 35}	• Cognitive function • Emotional distress • Fatigue • Pain interference • Physical function • Ability to participate in social roles and activities • Sleep disturbance	5 per item	Variable. A minimum of 2 items for each dimension are suggested, but around 30 questions are commonly used.	Variable	Past 7 days (except for some domains, such as physical function)	80+ languages	SG: US
QWB-SA ^{19,20}	• Self-care • Mobility • Physical activity • Usual activity • Symptoms checklist	2-4 per item	74	1.5x 1044	Past 3 days • Self-administered	Language versions available include English, German, French, Dutch, Italian, Spanish, Simplified Chinese, and Swedish	VAS: USA (QWB-SA)
SF-6D ²¹⁻²⁶	• Physical functioning • Role limitation • Social functioning • Pain • Vitality • Mental health	4-6 per item	36 (SF-36) 12 (SF-12)	18,000 (SF-36) 7,500 (SF-12)	Past 4 weeks (there are questions that enquire about “now” and “one year ago” as well) • Self-administered • Interviewer administered	Over 100 languages, including English, Portuguese, and Chinese	SG: Australia, Brazil, UK, Portugal, Hong Kong, Japan, Singapore Lottery-equivalent method: Spain

Instrument	Dimensions	Severity Levels	Number of Questions	Health States	Recall Period Mode of Administration	Language Versions Available	Valuation Method: Value Sets Available
15D ²⁷	• Mobility • Vision • Hearing • Breathing • Sleeping • Eating • Speech • Excretion • Usual activities • Mental function • Discomfort/ symptoms • Depression • Distress • Vitality • Sexual activity	5 per item	15	31 billion	Present • Self-administered • Interview • Proxy	36 languages, including, English, French, German, Italian, Norwegian, Spanish, and Turkish See 15D instrument website for complete list	VAS: Finland, Denmark, Norway USA

15D = 15 Dimensions; AQoL = Assessment of Quality of Life; DCE = discrete-choice experiment; EQ-HWB = EQ Health and Well-being; HUI2 = Health Utilities Index Mark 2; HUI3 = Health Utilities Index Mark 3; IVRS = interactive voice response system; NA = not available; PROPr = PROMIS-Preference scoring system; QWB = Quality of Life Well-Being scale; QWB-SA = Quality of Life Well-Being, Self-Administered scale; SF-6D = Medical Outcomes Study Short Form 6D; SF-12 = Short Form 12 Health Survey; SF-36 = SF-36 Health Survey; SG = standard gamble; TTO = time trade-off; UK = United Kingdom; U A = United States of America; VAS = visual analogue scale.

Adapted from Brazier JE, Rowen D. NICE DSU Technical Support Document 11: alternatives to EQ-5D for generating health state utility values. 2011. Available at: <http://www.nicedsu.org.uk>. Accessed 16 March 2017.

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