



## SAGE longitudinal multi-country study | Waves 0 and 1 Summary of measures included in questionnaires

Source	Domain	Wave 0 Measures	Wave 1 Measures
<b>Household data</b>	Household identification, contact and sampling details	Identification and contact details; structure of household; house construction; availability of water, sanitation and cooking facilities	Identification and contact details; structure of household; dwelling characteristics; improved water, sanitation and cooking facilities
	Transfers and support networks	None	Family, community and government assistance into and out of the household; informal personal care provision/receipt
	Assets, income and expenditure	List of household assets; household expenditures on food, goods and health	List of household assets; sources and amount of household income; improved household expenditure on food, goods and services, health care
	Malaria prevention	Use of bed-nets	No
	Household care and health insurance	Persons in household needing care; mandatory and voluntary health insurance coverage	Persons in household needing care; mandatory and voluntary health insurance coverage
	Maternal and child health	Health care; immunizations	No
<b>Individual data</b>	Socio-demographic characteristics	Sex; age; marital status; education; ethnicity/background	Sex; age; marital status; education; ethnicity/background; religion; language spoken; area of residence; employment and education of parents
	Work history and benefits	Occupation for current job	Length of time worked; reasons for not working; type of employment; mode of payment; hours worked
	Health states and descriptions	Overall self-rated health; eight self-rated health domains (affect, mobility, sleep and energy, cognition, interpersonal activities, vision, self-care, pain and breathing); vignettes on health state descriptions to allow for anchoring of subjective responses and adjustment for cross country differences in interpretation and perceptions	Overall self-rated health; eight self-rated health domains (affect, mobility, sleep/energy, cognition, interpersonal activities, vision, self-care and pain (plus breathing in ZAF)); 12-item WHO Disability Assessment Schedule, Version 2 (WHODAS-II); activities of daily living (ADLs); instrumental activities of daily living (IADLs); vignettes on health state descriptions

Source	Domain	Wave 0 Measures	Wave 1 Measures
	Anthropometrics, performance tests and biomarkers	No	Measured blood pressure; self-report and measured height and weight; measured waist and hip circumference; timed walk; near- and distant vision tests; grip strength, executive functioning (verbal recall, digit span forwards and backwards, verbal fluency); spirometry; non-fasting fingerprick blood sample (stored at -20C) as dried blood spots
	Risk factors and preventive health behaviours	Smoking; alcohol consumption; fruit and vegetable intake; physical activity (IPAQ), environmental risk factors, including water, sanitation, heating and cooking fuels	Smoking; alcohol consumption; fruit and vegetable intake; physical activity (GPAQ)
	Chronic conditions and health services coverage	Self-reported and symptomatic reporting of arthritis; stroke; angina (Rose Questionnaire); and, asthma; Self-report of diabetes; depression; schizophrenia, tuberculosis; cataracts; oral health; injuries; cervical and breast cancer screening; maternal and child health; reproductive health (women)	Self-reported and symptomatic reporting of arthritis; stroke; angina (Rose Questionnaire); asthma; and, depression (ICD-10, DSM-IV). Self-reporting of diabetes; chronic lung disease; hypertension; cataracts; oral health; injuries; cervical and breast cancer screening
	Health care utilization	Past need for health care; reasons for health care or for not receiving health care; inpatient and outpatient health care: number of admissions / visits within the past 5 years (inpatient) or 1 year (outpatient); reasons for admission / visit; details of hospital or provider; costs of hospitalization or health care visit; health system responsiveness; vignettes for responsiveness - to allow for anchoring of subjective responses and adjustment for cross-country differences in interpretation and perceptions	Past need for health care; reasons for health care or for not receiving health care; inpatient and outpatient health care: number of admissions / visits within the past 3 years (inpatient) or 1 year (outpatient); reasons for admission / visit; details of hospital or provider; costs of hospitalization or health care visit; satisfaction with treatment; health system responsiveness; vignettes for responsiveness of health services
	Social cohesion	Perceptions of other people and institutions; safety in local area; stress; interest in politics and perceptions of government	Community involvement and social networks; perceptions of other people and institutions; safety in local area; stress; interest in politics and perceptions of government

Source	Domain	Wave 0 Measures	Wave 1 Measures
<b>Proxy data</b>	Subjective well-being and quality of life	No	Perceptions about quality of life and well-being; 8-item WHO Quality of Life measure (WHOQoL); Day Reconstruction Method (DRM)
	Impact of caregiving	No	Household members needing care; type of care required; length of time spent on care; costs of care; impact of providing care on career well-being
	IQ Code	No	IQ Code;
	Health state descriptions	-	See above
	Chronic conditions	-	See above
<b>Mortality data</b>	Health care utilization	-	See above
	Deaths and cause of death	Sibling survivorship method	Verbal Autopsy for all deaths within past 24 months in households