

Asenze Measures Waves 1, 2, and 3						
Category	Measure	Description	Respondent	W1	W2	W3
Demographics	Caregiver Demographics ³	Date of birth, gender/sex, education, work status, marital status, etc.	Caregiver	X	X	X
	Parent whereabouts ³	Location/status of father and mother.	Caregiver	X		X
	Child Demographics ³	Date of birth, gender/sex, education, support grants, etc.	Caregiver	X	X	
	Household Characteristics ²	Household composition/structure, sanitation access, unemployment/income status, etc. Adapted from the South African Demographic and Health Survey, 2003.	Caregiver	X		X
Child Cognitive Development	Grover Counter Scales ²	Assesses cognitive functioning independent of verbal/ language abilities.	Child	X	X	
	Kaufman Assessment Battery for Children (ABC) subscales: Hand movements ¹ , Atlantis ¹ , Atlantis Delayed ¹	Assesses cognitive functions of attention, concentration, and memory.	Child	X	X	X
	Kaufman ABC Conceptual Thinking ¹	Assesses abstract reasoning and visual perception through simultaneous processing.	Child	X		
	Kaufman ABC Rover for >6 years age group ¹	Assesses executive functioning.	Child		X	X
	Kaufman ABC Planning ¹	Assesses executive functioning problem solving through pattern reasoning.	Child			X
	Neuroscreen Processing Speed Test, Trail Making Test, and Digit Span Test ¹	Assesses executive function processing speed, visual attention and sequencing, and working memory.	Child			X
	Reynell Developmental Language Scales ¹	Assesses expressive and receptive language.	Child	X		
	Hopkins Verbal Learning ¹	Assesses verbal learning and memory.	Child		X	
Child Health, Behavioral Functioning, and Achievement	Ten Question Screener ^{1,2}	Screens for serious cognitive, motor, seizure, behaviour and other neurodevelopmental disabilities.	Caregiver	X		
	McCarthy Scales of Children's Ability ¹	Assess cognitive motor abilities.	Child	X	X	
	World Health Organization Disability Assessment Schedule ¹	Assesses problems with functioning due to health conditions (e.g., disease, injuries, mental/ emotional problems, drug/alcohol problems).	Child			X
	Child Medical Assessment Form ³	Assesses medical history.	Caregiver	X	X	
	Height, Weight, Vision, Hearing ¹	Height taken from scale. Weight taken from stadiometer. Vision assessed with	Caregiver and Child	X	X	X

		Snellen E chart. Hearing assessed using otoacoustic emissions/audiometry.				
	Hemoglobin, HIV, Immunity History, Anemia ¹	Voluntary counseling and rapid testing used for HIV. HemoCue used to test Hemoglobin.	Caregiver and Child	X	X	X
	The Strengths and Difficulties Questionnaire (SDQ) ¹	Assesses emotional and behavioral functioning with subscales: emotional, conduct, hyperactivity, peer relationship problems, prosocial behavior. More information: www.sdqinfo.org .	Caregiver	X	X	X
Teacher				X		
Adolescent					X	
	Adapted Behavior Assessment System Subscales ¹	Assesses adaptive functioning.	Caregiver	X		
	Takalani-Sesame: Literacy Subtest	Assesses child literacy.	Child		X	
	Wide Range Achievement Test 3: Arithmetic sub-test	Assesses numeracy.	Child		X	
	Obedience and respect ³	Assesses caregiver's perception of child's obedience and respect.	Caregiver			X
Adolescent Psychosocial and Other	Pubertal Development Scale ¹	Assesses physical growth and development via self-report.	Adolescent			X
	Pregnancy ³	Assesses current or past pregnancies/ pregnancy outcomes. Adapted from a CAPRISA HIV Incidence Provincial Surveillance System (HIPSS).	Adolescent			X
	Respondents living with HIV ³	Assesses HIV status & treatment. Adopted from HIPSS.	Adolescent			X
	The Short Form Health Survey (SF36) ²	Assesses physical and mental health functioning via self-report.	Adolescent			X
	National Survey on Drug Use and Health Questionnaire ¹	Assesses initiation, frequency, intoxication with, and cravings for alcohol, cigarettes, and other substances.	Adolescent			X
	Patient Health Questionnaire 9-item scale ¹	Assesses depression.	Adolescent			X
	Generalized Anxiety Disorder 7-item Scale ¹	Assesses anxiety.	Adolescent			X
	Sexual History	Assesses sexual behavior (e.g., time of initiation, partner age, condom use). Adapted from HIPSS CAPRISA and the USAID Partnership Determined, Resilient, Empowered, AIDS-free, Mentored and Safe (DREAMS).	Adolescent			X
	Exposure to Community Violence ¹	Assesses exposure to community violence. Adapted from the US CDC Youth Risk Behavior Survey.	Adolescent			X

Resistance to Peer Influence Scale ¹	Assesses ability to resist peer pressure.	Adolescent			X
Retrospective Bullying Questionnaire ¹	Assesses experiences of bullying as victim. Adapted from CDC.	Adolescent			X
Deviant Peers Measure	Assesses deviant behaviors of peers. Adapted from the Youth Health and Prevention Project.	Adolescent			X
Exposure to violence ¹	Assesses exposure to physical, sexual, and/or intimate partner violence. Adapted from the US CDC 2019 Youth Risk Behavior Survey.	Adolescent			X
Desmond Risk Experiment Game ³	Assesses attitude to risk taking. Adapted from the Binswanger Attitudes towards Risk Experiment.	Adolescent			X
Barratt Impulsivity Measure: 8 Item version ¹	Assesses impulsivity.	Adolescent			X
Adapted Gender Equitable Measurement Scale ³	Assesses perception of gender roles and equity.	Adolescent			X
SUUBI Social Support Behaviors ¹	Assesses perception of family support.	Adolescent			X
Short Grit Scale ¹	Assesses perseverance.	Adolescent			X
Community Support	Assesses perception of community support. Adapted questions from the Youth Health and Prevention Project.	Adolescent			X
Hope and Future Orientation ³	Assesses beliefs and expectations adolescent's hold about their future.	Adolescent			X
Media use ³	Assesses use of phone/ internet/ TV.	Adolescent			X
Employment	Assesses past/current employment. Adapted from Cape Area Panel Study.	Adolescent			X
Education ³	Assesses education, including school enrollment and current grade.	Adolescent			X
Gangs and perpetration of violence ³	Assesses exposure to or participation in gang activity.	Adolescent			X
Psychological Sense of School Membership Scale ²	Assesses school experience.	Adolescent			X
Exposure to previous interventions ³	Assesses exposure to school or community education programs (e.g., sexual health, substance use).	Adolescent			X
Post-survey Feedback	Assesses experience completing Wave 3. Adapted from the Child and Adolescent Self-Awareness and Health 3 study.	Adolescent			X
COVID-19 ³	Assesses experience during COVID-19 (e.g., concerns of infection, school and socializing during lockdown).	Adolescent			X

Family Functioning and Environment	Parenting Stress Index ¹	Assesses caregiver stress, burden, role strain, and competence.	Caregiver	X	X	X
	Trends in Maths and Science	Assesses caregiver educational aspirations for children.	Caregiver			X
	Confusion, Hubbub, and Order Scale (CHAOS) ¹	Assess household confusion and disorganization.	Caregiver	X	X	X
	Family Stress and Trauma Questionnaire	Assesses economic/material deprivation and exposure to violence/abuse.	Caregiver	X	X	X
	Food Security ³	Assesses household food security. Adapted questions from DREAMS.	Caregiver			X
	Alcohol Use ³	Assesses household alcohol use.	Caregiver		X	X
	Home Observation for Measurement of the Environment ¹	Assesses household environment. Adapted from HOME Inventory.	Caregiver	X	X	
Caregiver Functioning and Psychosocial	Client Diagnostic Questionnaire ^{1,2}	Screens for psychiatric disorders: depression, PTSD, substance abuse. Adapted from Primary Care Evaluation of Mental Disorders Screen.	Caregiver	X	X	X
	Alcohol Use Disorders Identification Test (AUDIT) ²	Screens for alcohol misuse, initiation, and frequency.	Caregiver	X	X	X
	Partner Violence ²	Screens for experience with partner violence. Adapted from the South African Medical Research Council.	Caregiver	X	X	X
	The Short Form Health Survey (SF36) ²	Assesses physical and mental health functioning via self-report.	Caregiver	X	X	X
	NeuroScreen Processing Speed Test, Trail Making Test, and Digit Span Test ¹	Assesses executive function processing speed, visual attention and sequencing, and working memory.	Caregiver			X
	Hemoglobin, HIV, Immunity History, Anemia ¹	Voluntary counseling and rapid testing used for HIV. HemoCue used to test Hemoglobin.	Caregiver	X	X	X
	HIV and Pregnancy	Assesses HIV and pregnancy status. Adapted questions from the HIPSS.	Caregiver			X
	Short HIV Stigma Scale ¹	Tests HIV positive caregiver for experience/perceptions of HIV stigma.	Caregiver			X
	Social Support Behaviors Scale Family Social Support Questionnaire ¹	Assesses emotional support, socializing, practical/financial assistance, and advice/ guidance.	Caregiver	X	X	X
	Exposure to interventions	Assesses exposure to community education interventions (e.g., parenting, subsidies). Adapted from DREAMS.	Caregiver			X
COVID-19 ³	Assesses experience during COVID-19 (e.g., concerns, employment, access to services/testing, food security).	Caregiver			X	
validated measure¹; validated measure in South Africa²; developed or adapted for Asenze³						