

Supplementary appendices

Supplementary tables are in downloadable files described below

File name	Description of content	Note
S1 Default Estimates Means	This file includes estimated means for default datasets at national and subnational levels. Default datasets are listed in Appendix Table 3 below.	For countries with more than one dataset, default estimates include those from datasets that are considered more appropriate for the estimation at hand.
S2 Default Estimates SE	This file includes estimated standard errors for default datasets at national and subnational levels. Default datasets are listed in Appendix Table 3 below.	For countries with more than one dataset, default estimates include those from datasets that are considered more appropriate for the estimation at hand.
S3 All Estimates Means	This file includes estimated means for all datasets at national and national levels.	
S4 All Estimates SE	This file includes estimated standard errors for all datasets at national and subnational levels.	
S5 Adjusted Prevalence estimates Means	This file includes estimated means for prevalence estimates adjusted for sex and age at the national level for all datasets.	
S6 Adjusted Prevalence estimates SE	This file includes estimated standard errors for prevalence estimates adjusted for sex and age at the national level for all datasets.	



Appendix Table 1: The Washington group short set of questions on disability

Introductory Statement: "The next questions ask about difficulties you may have doing certain activities because of a HEALTH PROBLEM."

<p>(a) Vision [Do/Does] [you/he/she] have difficulty seeing, even if wearing glasses?</p>	<p>(d) Cognition [Do/does] [you/he/she] have difficulty remembering or concentrating?</p>
<p>(b) Hearing [Do/Does] [you/he/she] have difficulty hearing, even if using a hearing aid(s)?</p>	<p>(e) Self-Care [Do/does] [you/he/she] have difficulty with self-care, such as washing all over or dressing?</p>
<p>(c) Mobility [Do/Does] [you/he/she] have difficulty walking or climbing steps?</p>	<p>(f) Communication Using [your/his/her] usual language, [do/does] [you/he/she] have difficulty-communicating, for example understanding or being understood?</p>

For each question in (a) through (f), respondents are asked to answer with one of the following: 1. No Difficulty, 2. Some Difficulty, 3. A lot of difficulty, 4. Unable to do



Appendix Table 2: Definitions of indicators

Topic/ Indicator	Definition
Proportion with disabilities (Prevalence)	
Adults with disabilities	Proportion of adults ages 15 and older with disabilities. The proportion is available for adults with any disability (disability), by disability type, and by degree (moderate and severe disability). More details on the disability groups are in Table 2.
Households with disabilities	Proportion of households who have at least one adult aged 15 and older with disabilities. The proportion is available for households with adults with any disability (disability), and by degree (moderate and severe disability). More details on the disability groups are in Table 2.
Education	
Adults who have ever attended school	Proportion of adults ages 15 and older who have ever been to school.
Adults ages 25+ who have completed primary school or higher	Proportion of adults ages 25 and older who at least completed primary school.
Adults ages 25+ who have completed upper secondary school or higher	Proportion of adults ages 25 and older who completed upper secondary school, whether or not they also attended tertiary school
Literacy rate/ Able to Read and Write	Proportion of adults 15 and older who can read and write in any language.
Personal activities	
Adults who have or use a computer	Proportion of adults ages 15 and older who have or use a computer.
Adults who have or use the internet	Proportion of adults ages 15 and older who have or use the internet.
Adults who own a mobile phone	Proportion of adults ages 15 and older who have their own mobile phone.
Employment population ratio (or employment rate)	Proportion of the adult population ages 15 and older who work for pay, profit (self-employed) or for a family business/farm (whether paid or unpaid).
Youth idle rate	Proportion of youth ages 15 to 24 who are not enrolled in school and not employed.
Workers in manufacturing	Proportion of workers ages 15 and older who work in the manufacturing sector.
Women in managerial positions	Proportion of women workers ages 15 and older who have managerial positions.
Informal workers	Proportion of workers ages 15 and older who do informal work, i.e. who are self-employed, those who work for a microenterprise of five or fewer employees or in a firm that is unregistered, and those who have no written contract with their employers. Family workers without pay are included as informal workers.
Health	
Adults in households using safely managed drinking water	Proportion of adults ages 15 and older who live in households that have safely managed drinking water [34].
Adults in households using safely managed sanitation services	Proportion of adults ages 15 and older who live in households that have safely managed sanitation services [35].
Women with family planning needs met	Proportion of women who report that they have their family planning needs met: they want and have access to modern contraceptive methods.
Women subjected to violence in the previous 12 months	Proportion of ever-married women who report being subject to domestic violence by their intimate partner in the past 12 months. Domestic violence may be physical, psychological or sexual.
Standard of living	
Adults in households with electricity	Proportion of adults ages 15 and older who live in households with access to electricity [36].
Adults in households with clean cooking fuel	Proportion of adults ages 15 and older who live in households that use clean cooking fuel [37].
Adults in households with adequate housing	Proportion of adults ages 15 and older who live in households with quality floor, roof and wall materials.
Mean proportion of assets owned by households	Proportion of assets owned by an adult's household among the following assets: a radio, TV, telephone, mobile phone, bike, motorbike, refrigerator, car (or truck) and computer.
Adults in households with a mobile phone	Proportion of adults ages 15 and older who live in households with a mobile phone.

Continued

Appendix Table 2: Continued

Topic/ Indicator	Definition
Insecurity	
Adults covered by health insurance	Proportion of adults ages 15 and older who live in households with health insurance.
Adults in households receiving social protection	Proportion of adults ages 15 and older who live in households that received social protection benefits in the past year or who currently receive them (e.g. cash benefits, in kind transfers). Benefits may be from Government or Non-Government institutions.
Adults in food insecure households	Proportion of adults ages 15 and older who live in households that recently (in the past week, month or 12 months) did not have access to adequate food.
Adults in households that experienced a shock recently	<p>Proportion of adults ages 15 and older who live in households that were recently exposed to at least one negative shock. The time frame is usually the past 12 months and shocks include:</p> <ul style="list-style-type: none"> • shocks related to the weather (drought, flood, heavy rains), • negative events affecting household members (death of a household member, illness of a household member), • economic hardships (loss of a job, crop damage) and disasters (e.g. fire, landslide).
Household health expenditures out of total consumption expenditures	Proportion of a household's total consumption expenditures that are dedicated to health (inpatient care and outpatient care out of pocket expenditures, medicines).
Multidimensional Poverty	
Adults who experience multidimensional poverty	Proportion of adults ages 15 and older who experience more than one deprivation dimension among the following: education, personal activities, health, standard of living.



Appendix Table 3: Data sources of default estimates for countries with more than one dataset

Country	Cambodia	Kenya	Kiribati	Mongolia	Nigeria	Rwanda	Senegal	South Africa	Tanzania	Uganda	Vietnam
Indicator/Dataset	Census 2019 DHS 2014	DHS 2021–2022 Census 2019 DHS 2022	Census 2015 Census 2020	Census 2020 LFS 2022	GHS 2018 DHS 2018	DHS 2019–2020 LFS 2018	Census 2013 DHS 2018	Census 2011 CS 2016	DHS 2016 Census 2012 DHS 2022	Census 2014 DHS 2016	Census 2009 Census 2019
Prevalence											
Adults with disabilities	1	x	x	1	x	x	1	1	x	x	1
Adults with disabilities by type of disability	1	x	x	1	x	x	1	1	x	x	1
Households with disabilities	1	x	x	1	x	x	1	1	x	x	1
Education											
Ever attended school	1	x	x	1	x	x	1	1	x	x	1
Primary school or higher	1	x	x	1	x	x	1	1	x	x	1
Secondary school or higher	1	x	x	1	x	x	1	1	x	x	1
Literacy	1	x	x	1	x	x	1	1	x	x	1
Personal activities											
Computer			1								
Internet	1	x	1	x	x	1	1	1	1	1	1
Own mobile		x	1	x	1	1	1	1	1	1	1
Employment	1	x	x	1	x	x	1	1	x	1	x
Youth idle	1		1	x	1	x	1	1	1	1	x
Manufacturing work	1		1	x	1	x	1	1	1	1	x
Managerial work	1		1	x	1	x	1	1	1	1	x
Informal work	1		1	1	1	1	1	1	1	1	x
Health											
Water	1	x	x	1	x	x	1	1	x	x	1
Sanitation	1	x	x	1	x	x	1	1	x	x	1
Family planning	1	x	1			1	1	1	1	1	1
Violence	1	x	1			1	1	1	1	1	1
Standard of living											
Electricity	1	x	x	1	x	x	1	1	x	x	1
Clean cooking fuel	1	x	x	1	x	x	1	1	x	x	1
Adequate housing	1	x	1	x	1		1	1	x	1	x
Assets owned	1	x	x	1	x	x	1	1	x	x	1
Household mobile	1	x	x	1	x	x	1	1	x	x	1
Insecurity											
Health insurance	1	x				1	x	1	1	1	1
Social protection						1					
Food insecure						1					
Experienced shock						1					
Health expenditures						1					
Poverty											
Multidimensional poverty	1	x	x	1	x	x	1	1	x	x	1

Notes: An empty cell indicates the indicator cannot be estimated due to missing relevant questions; a number 1 or x indicates that the indicator was estimated; a number 1 indicates the default estimate for a given indicator.



Appendix Table 4: Selected results for countries with more than one dataset Mean (%) (S.E)

Country	Dataset	Proportion of adults with disability	Multidimensional poverty headcount among adults with no disability	Multidimensional poverty headcount among adults with disability
Cambodia	General population census 2019	5.99 (0.02)	55.05 (0.05)	76.83 (0.17)
Cambodia	DHS 2014	12.05 (0.35)	72.54 (0.88)	85.95 (0.81)
Cambodia	DHS 2021-2022	30.17 (0.35)	47.77 (0.82)	72.93 (0.78)
Kenya	Population and Housing Census 2019	12.71 (0.0)	62.33 (0.0)	71.02 (0.0)
Kenya	DHS 2022	23.93 (0.34)	54.67 (0.83)	70.68 (1.03)
Kiribati	Population and Housing Census 2015	15.77 (NA)	77.3 (NA)	83.07 (NA)
Kiribati	Population and Housing Census 2020	26.89 (NA)	68.5 (NA)	77.8 (NA)
Mongolia	Population and Housing Census 2020	14.49 (0.23)	40.75 (0.35)	63.2 (0.83)
Mongolia	LFS 2022	14.24 (0.8)		
Nigeria	DHS 2018	11.41 (0.23)	60.65 (0.84)	63.41 (0.2)
Nigeria	General Household Survey 2018-2019	11.14 (0.18)	65.83 (0.58)	77.87 (0.76)
Rwanda	DHS 2019-2020	25.16 (0.34)	73.85 (0.93)	83.28 (0.73)
Rwanda	LFS 2018	8.88 (0.37)	73.5 (0.65)	90.82 (0.84)
Senegal	DHS 2018	14.45 (0.48)	73.45 (0.57)	76.56 (0.28)
Senegal	General Census of Population and Housing, Agriculture and Livestock 2013	8.03 (0.03)	76.58 (0.05)	83.16 (0.16)
South Africa	DHS 2016	22.44 (0.48)	22.94 (0.07)	42.01 (0.23)
South Africa	Census 2011	18.25 (0.02)	44.98 (0.03)	52.22 (0.07)
South Africa	Community Survey 2016	20.43 (0.03)	13.89 (0.03)	31.29 (0.07)
Tanzania	DHS 2022	15.07 (0.31)	64.89 (0.25)	68.56 (0.32)
Tanzania	Population and Housing Census 2012	6.05 (0.02)	72.15 (0.03)	85.23 (0.09)
Uganda	DHS 2016	32.82 (0.5)	79.14 (0.99)	89.99 (0.57)
Uganda	National Population and Housing Census 2014	17.8 (0.03)	63.55 (0.04)	76.07 (0.07)
Vietnam	Population and Housing census 2009	11.67 (0.01)	48.48 (0.01)	61.64 (0.03)
Vietnam	Population and Housing census 2019	9.73 (0.01)	13.67 (0.02)	49.72 (0.06)

Source: Authors' compilation using [27].

