

## Data Requirements

In order to estimate SDG 3.b.3 indicator on access to medicines in a selected country, a combination of facility level and national level data is required. Facility level data may be obtained from facility surveys and should: (i) be representative of health facilities nationwide to the extent possible, (ii) include both public and private facilities, and (iii) identify whether medicines are generic or brand-name. When calculating SDG Indicator 3.b.3 from survey data, it is also important to identify the type of a health facility surveyed (i.e., hospital, pharmacy, other) and the location of each facility (i.e., urban or rural). This information often indicates which medicines should and should not be included in the defined core set of essential medicines; once these have been identified, the surveys should be used to collect availability and price data of each essential medicine selected in the selected core basket.

National level data is country-level data which is publicly available and includes the national poverty line (NPL), lowest paid unskilled government worker (LPGW) wage, and the regional burden of disease for a specified country. For a comprehensive list of the data required to calculate SDG Indicator 3.b.3, please refer to table below.

**[Table 1].** Data requirements for SDG 3.b.3 Indicator methodology

Step/Calculation	Variable	Level	Description	Source
Availability	Medicines availability	Facility level	Nationally representative data on medicines' availability across facilities	<a href="#">MedMon - WHO Essential Medicines and Health Products Price and Availability Monitoring Mobile Application</a>
Affordability	Medicines price	Facility level	Nationally representative data on medicines' prices across facilities	<a href="#">WHO/HAI Project on Medicine Prices and Availability</a> <a href="#">Service Availability and Readiness Assessment</a>
	Defined Daily Dose (DDD)	Medicine level	The assumed average maintenance dose per day for a medicine used for its main indication (average severity) in adults; this unit allows for comparison of drug consumption at an international level	<a href="#">Defined Daily Dose definition</a> <a href="#">Euro-Med-Stat: Recommendations for national registers of medicinal products with validated ATC codes and DDD values</a>
	Lowest paid unskilled government worker (LPGW) wage	National level	The wage paid to the lowest paid unskilled government worker in a particular country	<a href="#">International Labor Organization website</a> <a href="#">ILOSTAT database</a>

	National Poverty Line (NPL)	National level	The benchmark for estimating poverty indicators that are consistent with the country's specific economic and social circumstances.	National poverty reports
Weight of medicines	Burden of Disease (disability adjusted life years (DALYs))	Regional level	DALYs indicate total number of years of life lost due to death and years of life lost through living in states of less than full health (or disability) driven by disease(s) that are treated by a medicine among individuals who suffer from this (these) disease(s)	<a href="#">WHO Burden of Disease Estimates</a>
Consumer Price Index		National level	Reflects changes in the cost to the average consumer of acquiring a basket of goods and services that may be fixed or changed at specified intervals, such as yearly.	<a href="#">World Bank Consumer Price Index Data</a>