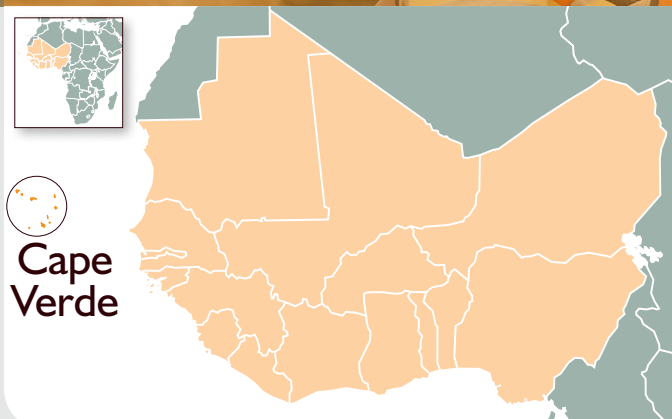


Cape Verde



Research objective

To enable data users to identify the best available data source for a set of 17 key nutrition indicators (see Table 1) according to priorities for the specific data use.

The purpose of this data profile is:

- 1 To summarize all available primary data sources and secondary data aggregation platforms¹ for key nutrition indicators representative at the national level in Cape Verde.
- 2 To assess the identified data sources for each indicator across four dimensions (see details in key to Table 2): (i) validity and comparability, (ii) timeliness, (iii) accessibility, and (iv) representativeness.
- 3 To identify data gaps in the national data system to effectively track progress on nutrition and/or inform policy and program decisions for improving nutrition in Cape Verde.

¹ All types of data aggregation platforms were included such as scorecards and data visualization tools that reported on at least one of the target indicators for this assessment in a West African country.

² Global Nutrition Monitoring Framework: Operational Guidance for Tracking Progress in Meeting Targets for 2025, Geneva: WHO, 2017. Licence: CC BY-NC-SA 3.0 IGO.

³ World Health Organization NCD monitoring framework

⁴ Transform Nutrition West Africa inception report. 2018

TABLE 1: 17 KEY NUTRITION INDICATORS

		WHA target	Nutrition status	Drivers
Children	U5 stunting			
	U5 wasting			
	U5 overweight			
	Low birthweight			
	Exclusive breastfeeding			
	Early initiation of breastfeeding			
	U5 anaemia			
	Minimum acceptable diet			
	Minimum dietary diversity			
Women of reproductive age	Anaemia			
	Wasting			
	Obesity			
	Minimum dietary diversity			
Adult	Sodium intake			
	Hypertension			
	Diabetes			
	Overweight and obesity			

The indicators included in this assessment cover maternal, infant and young child nutrition (MIYCN) status, underlying behaviours that drive nutritional status, and diet-related non-communicable diseases (NCDs). Several of the indicators track Cape Verde's progress on global nutrition targets.^{2,3} In addition, the selected indicators represent important regional nutrition challenges and priority issues.⁴

TABLE 2: ASSESSMENT OF PRIMARY DATA SOURCES

Indicators		U5 stunting	U5 wasting	U5 overweight	Low birthweight	Exclusive breastfeeding	Early initiation of breastfeeding	U5 anaemia	Minimum acceptable diet	Minimum dietary diversity	Anaemia	Wasting/thinness	Obesity	Minimum dietary diversity	Sodium intake	Hypertension	Diabetes	Overweight and obesity
Population		Children									Women of reproductive age				Adults			
Primary source ⁵	Quality																	
Better health data with a portable microcomputer at the periphery: an anthropometric survey in Cape Verde. Bulletin of the World Health Organization 1987;65:651-657 (1985)	V	++	++															
	T	-	-															
	A	-	-															
	R	?	?															
Inquérito sobre as Despesas e Receitas Famílias (IDRF) (2015)	V	?	?									?	?					
	T	+	+									+	+					
	A	-	-									-	-					
	R	+	+									+	+					
Caracterização deficiência de vitamina "A" e da anemia em crianças pré-escolares de Cabo Verde (1996)	V	+	+					+										
	T	-	-					-										
	A	-	-					-										
	R	+	+					+										
Segundo Inquérito Demográfico e de Saúde Reprodutiva, Cabo Verde, IDSR-II (DHS) (2005)	V				++	++	++	++			++							
	T				-	-	-	-			-							
	A				-	-	-	-			-							
	R				+	+	+	+			+							
Inquérito sobre factores de risco das Doenças Não Transmissíveis (IDNT) (STEPS) (2007)	V															++	+	++
	T															-	-	-
	A															-	-	-
	R															+	+	+

KEY TO TABLE 2


Dimension	List of items	Rating
V Validity/ comparability	Does the data source use the specified global measurement method for the indicator or can it be calculated from other indicators in the dataset?	++ Uses the standard measure and specifies the method of measurement/calculation
		+ Uses the standard measure, but no information is given on the method of measurement/calculation
		- Uses a different measure than the standard & the standard measure cannot be calculated from other indicators in the dataset
		? The measure is not specified in any way
T Timeliness	Does the data collection respect the recommended frequency for the indicator?	++ Data collected according to the recommended frequency and last data collection within the window
		+ Data not collected according to the recommended frequency, but last data collection within the window
		- Data not collected according to the recommended frequency and last data collection not in the window
		? No information on the year of collection
A Accessibility	Are the results of the survey published?	++ Report and datasets publicly available
		+ Report publicly available and datasets available after authorization
		- Report publicly available but datasets not available
		? No information on the survey retrieved
R Representativeness	Is the survey representative at national and first-level administrative divisions?	++ Representative at national and first-level administrative divisions
		+ Representative at national level but not at first-level subdivision
		- Subnational survey
		? Representative at national level but no information on representativeness at first-level administrative divisions

⁵ https://westafrica.transformnutrition.org/wp-content/uploads/2019/06/DA_database_primary_sources_Final.xlsx

Search for all primary sources and data platforms completed in November 2018 and data quality validation completed in December 2018. See technical note for further details on search strategy and assessment approach: <https://westafrica.transformnutrition.org/output/data-integration-assessment-technical-note/>

TABLE 3: SECONDARY DATA PLATFORMS

Indicators	U5 stunting	U5 wasting	U5 overweight	Low birthweight	Exclusive breastfeeding	Early initiation of breastfeeding	U5 anaemia	Minimum acceptable diet	Minimum dietary diversity	Anaemia	Wasting/thinness	Obesity	Minimum dietary diversity	Sodium intake	Hypertension	Diabetes	Overweight and obesity
Population	Children									Women of reproductive age				Adults			
Data platforms																	
UNICEF/WHO/World Bank Group Joint Child Malnutrition estimates																	
Global health data exchange (IHME)																	
WHO data																	
Cabo Verde Food and Nutritional Profile																	
World Bank Development Indicators																	
Our World in Data																	
Index Mundi																	
Global Nutrition Report																	
Nutrition in the WHO African Region																	
Atlas of the African Health Statistics																	
Alive & Thrive/UNICEF country nutrition profile																	
UNICEF Global database on Infant and Young Child Feeding																	
UNICEF Global database on Iodized salt																	
UNICEF Global Low Birthweight database																	
Iodine Global Network																	
NCD Risk Factor Collaboration																	
Diabetes Atlas																	

 Data platform reports on indicator.

1 Primary data sources (Table 2) and data platforms (Table 3)

- Five nationally representative primary data sources were identified. The Segundo Inquérito Demográfico e de Saúde Reprodutiva, Cabo Verde, IDSR-II (DHS) covers the greatest number of indicators (5), followed by the Inquérito sobre as Despesas e Receitas Familiares (IDRF), which covers four indicators.
- Seventeen data platforms were identified. Some platforms (8) use data directly from primary data sources, mainly the DHS, although many use data from other platforms. The Global Nutrition Report covers the most indicators (12) followed by Atlas of African Health Statistics (9).
- All indicators covering the World Health Assembly (WHA) targets are reported except Under 5 (U5) overweight.
- Indicators on diet quality are not covered by any primary data source or platform for women of reproductive age (WRA) or children.
- U5 overweight and sodium intake among the general adult population are not covered by any primary data source. Nonetheless, several platforms report on these indicators referencing primary sources that could not be found (the Inquérito sobre Prevalência da Anemia e Factores Associados em Crianças meiores de 10 (dez) anos – (IPAC) in the case of U5 overweight and the Relatório do Seguimento e Avaliação do Consumo do Sal Iodado em Cabo Verde for sodium intake) or other platforms.
- Indicators of child nutrition are covered by more data sources and platforms compared to indicators of adult nutrition.
- Indicators of nutrition status are covered by more data sources and platforms compared to indicators of nutrition drivers.

2 Assessment of primary data sources

- None of the data sources meet the highest standard across all four data source quality dimensions.
- All primary sources use the specified global measurement method for selected indicators, except for reported indicators in the Inquérito sobre as Despesas e Receitas Familiares (IDRF), which are missing information on measurement methods.
- There is only one data source (STEPS) reporting on hypertension, diabetes, and overweight/obesity among the general adult population which is not publicly accessible, or timely.
- Four data sources are out of date and not within the recommended frequency window for all reported indicators (the *Better health data with a portable microcomputer at the periphery: an anthropometric survey in Cape Verde*⁶, the Caracterização deficiência de vitamina “A” e da anemia, DHS, and STEPS). The most recent data are from the IDRF (2015), which is up-to-date but not within the recommended frequency window for reported indicators.
- A publicly accessible report is available for all data sources, however, none of the data sources grant access to the datasets.
- All data sources are nationally representative. The *Better health data with a portable microcomputer at the periphery: an anthropometric survey in Cape Verde* does not specify whether the data are representative at first-level administrative division, while the others are not.

3 Identification of data gaps

- Very few indicators are reported in the identified surveys.
- No data are available on a number of indicators including dietary diversity among WRA, minimum acceptable diet and minimum dietary for children, U5 overweight; and sodium intake in the general adult population.
- To report fully on the status of WHA targets data are needed on U5 overweight.
- Data are lacking on key indicators of diet-related NCDs in Cabo Verde to report on NCD targets informatively.
- Most data sources are not timely and are out of date. To optimally inform policy and program processes and track progress, data should be collected within the recommended frequency for each given indicator.
- For wider use of available data, primary data sources should be made publicly accessible.
- Data are needed that can be disaggregated at the subnational level to allow for within country comparisons.

⁶ Data are drawn from the study article titled “Better health data with a portable microcomputer at the periphery: an anthropometric survey in Cape Verde”

This publication has not been peer reviewed. Any opinions stated in this brief are those of the author and are not necessarily representative of or endorsed by the International Food Policy Research Institute.

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