

Pacific Region - Pacific Nutrient DataBase 2020

Statistics for Development Division

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Overview

Identification

ID NUMBER

SPC-REG_2020_PNDB_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

Household Income and Expenditure Surveys (HIES) are implemented to rebase consumer price indices and estimates of household contribution to national gross domestic product. More recently, HIES data have been used in poverty analyses and to conduct nutrition and food security oriented analyses.

The more recent applications of HIES data – poverty, nutrition and food security – require the use of edible-portion conversion factors to convert the reported acquisition of wholefoods into edible portions so estimates can be made of what people apparently ingest. These data then require the use of food composition tables (FCTs) to convert the edible portion into caloric and nutrient consumption values, so total energy and nutrient consumption can be estimated.

HIES data in the Pacific region are coded using the United Nations Statistics Division's Classification of Individual Consumption According to Purpose (COICOP); however, there is no regionally standardised linkage between COICOP and the Pacific Islands Food Composition Tables Second Edition (PIFCT). Furthermore, the PIFCTs do not have edible-portion conversion factors and are insufficient to cover the full list of foods reported in the HIES.

To address this, the Pacific Nutrient Database (PNDB) was developed to provide the Pacific region with a standard set of conversion factors and food composition data that are mapped to COICOP (1999). To add more value to the database, each food item is also mapped to COICOP 2018, classified into FAO Commodity Groups and food groups to compute Household Dietary Diversity Scores (HDDS). The PNDB includes 26 components plus edible and inedible portions for a total of 822 foods.

KIND OF DATA

Aggregate data [agg]

UNITS OF ANALYSIS

Commodities

Scope

NOTES

-COICOP commodity: other names, type of data, source of data, edible portion, nutrient.

KEYWORDS

COICOP, FAO, Food, Nutrient, Calory

Coverage

GEOGRAPHIC COVERAGE

Pacific Region.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
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Statistics for Development Division	Pacific Community (SPC)
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OTHER PRODUCER(S)

Name	Affiliation	Role
Food and Agriculture Organization	United Nations	Co-producer of the PNDB
University of Wollongong	Australian Government	Co-producer of the PNDB

FUNDING

Name	Abbreviation	Role
Australian Centre for International Agricultural Research	Australian Government	Funding

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
Statistics for Development Division	SDD	Pacific Community (SPC)	Documentation of the study

DDI DOCUMENT VERSION

SPC-REG_2020_PNDB_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_SPC-REG_2020_PNDB_v01_EN_M_v01_A_OCS_FAO

Sampling

No content available

Questionnaires

Overview

Questionnaires used were those from Household Income and Expenditure Surveys (HIES) in the Pacific Region.

Data Collection

Data Collection Dates

Start **End** **Cycle**

Data Collection Mode

Other [oth]

Data Collection Notes

All commodities present in the Pacific Nutrient DataBase (PNDB) are originating from Household Income and Expenditure Surveys (HIES) from the Pacific Region.

Questionnaires

Questionnaires used were those from Household Income and Expenditure Surveys (HIES) in the Pacific Region.

Data Collectors

Name	Abbreviation	Affiliation
National Statistics Office	NSO	Government

Data Processing

Data Editing

Data editing was done using the software Excel.

Data Appraisal

Other forms of Data Appraisal

The dataset was constructed in Excel and is a compilation of data from various food composition tables.