

STEPwise Survey for Non Communicable Diseases Risk Factor 2005

Ministry of Health

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visit_data_catalog_at: <http://catalog.ihsn.org/>

Identification

SURVEY ID NUMBER

NAM_2005_STEPS_v01_M

TITLE

STEPwise Survey for Non Communicable Diseases Risk Factor 2005

COUNTRY

Name	Country code
Namibia	NAM

STUDY TYPE

Other Household Survey [hh/oth]

SERIES INFORMATION

This is the first STEPS conducted by Namibia.

ABSTRACT

STEPS is a household-based survey to obtain core data on the established risk factors that determine the major burden of NCDs.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals

Version

VERSION DESCRIPTION

Public-use dataset

Scope

NOTES

The following topics were included in the survey: blood pressure, height, weight, waist circumference, hip circumference and heart rate.

TOPICS

Topic	Vocabulary
STEPS	Survey

KEYWORDS

Keyword
noncommunicable diseases
risk factors
health surveys
blood pressure
overweight
obesity

hypertension

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

Adults aged 25-64 years.

Producers and sponsors

PRIMARY INVESTIGATORS

Name

Ministry of Health

Sampling

SAMPLING PROCEDURE

A multi-stage cluster sample design was used to produce representative data for Namibia.

WEIGHTING

Analysis weights were calculated by taking the inverse of the probability of selection of each participant. These weights were adjusted for differences in the age-sex composition of the sample population as compared to the target population.

wStep2 - for physical measures

data_collection

DATES OF DATA COLLECTION

Start	End
2005-03	2005-04

DATA COLLECTION MODE

Face-to-face [f2f]

Access policy

CONTACTS

Name	Affiliation	Email	URL
NCD Surveillance Team	World Health Organization	ncdmonitoring@who.int	Link

ACCESS CONDITIONS

The user undertakes:

- (1) to acknowledge the data source.
- (2) to share any planned publications with WHO prior to publication.
- (3) to offer co-authorship of any reports or publications using the survey results to the coordinator of the survey.
- (4) to use the data for non-commercial, not-for-profit public health purposes only.

CITATION REQUIREMENTS

Publications based on STEPS data should cite the survey report (if available) and acknowledge the data source in the following manner:

"This paper uses data from the [country] [year] STEPS survey, implemented by [implementing agency] with the support of the World Health Organization."

ACCESS AUTHORITY

Name	Affiliation	Email	URL
NCD Surveillance Team	World Health Organization	ncdmonitoring@who.int	Link

Disclaimer and copyrights

DISCLAIMER

The data is being distributed without warranty of any kind. The responsibility for the use of the data lies with the user. In no event shall the World Health Organization be liable for damages arising from its use.

Metadata production

DDI DOCUMENT ID

DDI_NAM_2005_STEPS_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
Yue Wu		World Health Organization	Documentation of data
Melanie Cowan		World Health Organization	Supervision and review of metadata and documentation of study
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION

2020-03-27

DDI DOCUMENT VERSION

Identical to a metadata (NAM_2005_STEPS_v01) published on WHO NCD microdata repository

(<http://extranet.who.int/ncdsmicrodata/index.php/catalog>). Some of the metadata fields have been edited.

data_dictionary

Data file	Cases	variables
nam2005 National public-use dataset	3258	29

Data file: nam2005

National public-use dataset

Cases: 3258

variables: 29

variables

ID	Name	Label	Question
V35	pid	participant ID - unique record ID	
V41	i8	interview language	
V42	sex	sex	
V43	age	age for analysis	
V44	c4	yrs of education	
V45	c8	adults older than 18yrs in household	
V46	m2a	device ID (height)	
V47	m2b	device ID (weight)	
V48	m3	height (cm)	
V49	m4	weight (kg)	
V50	m5	pregnant	
V51	m6	waist device ID	
V52	m7	waist circumference (cm)	
V53	m10	cuff size	
V54	m11a	BP reading 1: systolic	
V55	m11b	BP reading 1: diastolic	
V56	m12a	BP reading 2: systolic	
V57	m12b	BP reading 2: diastolic	
V58	m13a	BP reading 3: systolic	
V59	m13b	BP reading 3: diastolic	
V60	m14	took raised BP meds in past 2 weeks	
V61	m15	hip circumference (cm)	
V62	m16a	heart rate reading 1 (beats per minute)	
V63	m16b	heart rate reading 2 (beats per minute)	
V64	m16c	heart rate reading 3 (beats per minute)	
V65	agerange	ageranges for which survey was designed	
V66	psu	psu	
V67	stratum	stratum	
V68	wstep2	final analysis weight for step 2 (physical measures)	

total: 29

PID: participant ID - unique record ID**Data file: nam2005****Overview**

Valid: 3258 Invalid: 0 Minimum: 1 Maximum: 3290 Mean: 1643.254 Standard deviation: 948.791
 Type: Continuous Decimal: 0 Width: 10 Range: 1 - 3290 Format: Numeric

I8: interview language**Data file: nam2005****Overview**

Valid: 3245 Invalid: 13
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	English	303	9.3%
2	Other	2941	90.6%
5		1	0%
Sysmiss		13	

SEX: sex**Data file: nam2005****Overview**

Valid: 3258 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
Men		1401	43%
Women		1857	57%

AGE: age for analysis**Data file: nam2005**

Overview

Valid: 3258 Invalid: 0 Minimum: 25 Maximum: 64 Mean: 41.653 Standard deviation: 11.281
 Type: Continuous Decimal: 0 Width: 10 Range: 25 - 64 Format: Numeric

C4: yrs of education

Data file: nam2005

Overview

Valid: 3236 Invalid: 22 Minimum: 0 Maximum: 28 Mean: 7.451 Standard deviation: 4.314
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 28 Format: Numeric

C8: adults older than 18yrs in household

Data file: nam2005

Overview

Valid: 3226 Invalid: 32 Minimum: 0 Maximum: 30 Mean: 3.213 Standard deviation: 1.801
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 30 Format: Numeric

M2A: device ID (height)

Data file: nam2005

Overview

Valid: 3255 Invalid: 3 Minimum: 0 Maximum: 123 Mean: 6.896 Standard deviation: 3.993
 Type: Continuous Decimal: 0 Width: 10 Range: 0 - 123 Format: Numeric

M2B: device ID (weight)

Data file: nam2005

Overview

Valid: 3250 Invalid: 8
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		115	3.5%
2		385	11.8%
3		176	5.4%
4		234	7.2%
5		384	11.8%

7		99	3%
8		124	3.8%
9		66	2%
10		511	15.7%
11		212	6.5%
12		202	6.2%
14		738	22.7%
15		1	0%
16		3	0.1%
Sysmiss		8	

M3: height (cm)

Data file: nam2005

Overview

Valid: 3257 Invalid: 1 Minimum: 2 Maximum: 585 Mean: 163.38 Standard deviation: 13.468
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 585 Format: Numeric

M4: weight (kg)

Data file: nam2005

Overview

Valid: 3253 Invalid: 5 Minimum: 2 Maximum: 831 Mean: 67.34 Standard deviation: 40.542
Type: Continuous Decimal: 0 Width: 10 Range: 2 - 831 Format: Numeric

M5: pregnant

Data file: nam2005

Overview

Valid: 1836 Invalid: 1422
Type: Discrete Decimal: 0 Width: 10 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	69	3.8%
2	No	1767	96.2%
Sysmiss		1422	

M6: waist device ID**Data file:** nam2005**Overview**

Valid: 3248 Invalid: 10

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0%
1		6	0.2%
2		506	15.6%
3		2	0.1%
4		7	0.2%
5		4	0.1%
6		378	11.6%
7		634	19.5%
8		327	10.1%
9		61	1.9%
10		513	15.8%
11		437	13.5%
12		372	11.5%
Sysmiss		10	

M7: waist circumference (cm)**Data file:** nam2005**Overview**

Valid: 3258 Invalid: 0 Minimum: 2 Maximum: 905 Mean: 83.685 Standard deviation: 24.721

Type: Continuous Decimal: 0 Width: 10 Range: 2 - 905 Format: Numeric

M10: cuff size**Data file:** nam2005**Overview**

Valid: 3250 Invalid: 8

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3	0.1%
1	small	9	0.3%
2	normal	3238	99.6%
3	large	0	0%
Sysmiss		8	

M11A: BP reading 1: systolic

Data file: nam2005

Overview

Valid: 3258 Invalid: 0 Minimum: 11 Maximum: 235 Mean: 135.116 Standard deviation: 22.979
Type: Continuous Decimal: 0 Width: 10 Range: 11 - 235 Format: Numeric

M11B: BP reading 1: diastolic

Data file: nam2005

Overview

Valid: 3258 Invalid: 0 Minimum: 25 Maximum: 307 Mean: 84.199 Standard deviation: 14.304
Type: Continuous Decimal: 0 Width: 10 Range: 25 - 307 Format: Numeric

M12A: BP reading 2: systolic

Data file: nam2005

Overview

Valid: 3253 Invalid: 5 Minimum: 11 Maximum: 231 Mean: 131.836 Standard deviation: 22.158
Type: Continuous Decimal: 0 Width: 10 Range: 11 - 231 Format: Numeric

M12B: BP reading 2: diastolic

Data file: nam2005

Overview

Valid: 3253 Invalid: 5 Minimum: 38 Maximum: 173 Mean: 82.678 Standard deviation: 13.446
Type: Continuous Decimal: 0 Width: 10 Range: 38 - 173 Format: Numeric

M13A: BP reading 3: systolic**Data file:** nam2005**Overview**

Valid: 774 Invalid: 2484 Minimum: 2 Maximum: 231 Mean: 136.769 Standard deviation: 24.689
 Type: Continuous Decimal: 0 Width: 10 Range: 2 - 231 Format: Numeric

M13B: BP reading 3: diastolic**Data file:** nam2005**Overview**

Valid: 773 Invalid: 2485 Minimum: 47 Maximum: 132 Mean: 85.382 Standard deviation: 13.979
 Type: Continuous Decimal: 0 Width: 10 Range: 47 - 132 Format: Numeric

M14: took raised BP meds in past 2 weeks**Data file:** nam2005**Overview**

Valid: 3148 Invalid: 110
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0%
1	Yes	322	10.2%
2	No	2824	89.7%
3		1	0%
Sysmiss		110	

M15: hip circumference (cm)**Data file:** nam2005**Overview**

Valid: 3254 Invalid: 4 Minimum: 34.1 Maximum: 940 Mean: 99.075 Standard deviation: 27.05
 Type: Continuous Decimal: 0 Width: 10 Range: 34.1 - 940 Format: Numeric

M16A: heart rate reading 1 (beats per minute)**Data file:** nam2005

Overview

Valid: 3257 Invalid: 1 Minimum: 14 Maximum: 164 Mean: 83.191 Standard deviation: 14.844
 Type: Continuous Decimal: 0 Width: 10 Range: 14 - 164 Format: Numeric

M16B: heart rate reading 2 (beats per minute)

Data file: nam2005

Overview

Valid: 3253 Invalid: 5 Minimum: 9 Maximum: 191 Mean: 82.69 Standard deviation: 14.87
 Type: Continuous Decimal: 0 Width: 10 Range: 9 - 191 Format: Numeric

M16C: heart rate reading 3 (beats per minute)

Data file: nam2005

Overview

Valid: 770 Invalid: 2488 Minimum: 45 Maximum: 310 Mean: 83.925 Standard deviation: 17.027
 Type: Continuous Decimal: 0 Width: 10 Range: 45 - 310 Format: Numeric

AGERANGE: ageranges for which survey was designed

Data file: nam2005

Overview

Valid: 3258 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
25-34		1062	32.6%
35-44		907	27.8%
45-54		713	21.9%
55-64		576	17.7%

PSU: psu

Data file: nam2005

Overview

Valid: 3258 Invalid: 0
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		416	12.8%
2		94	2.9%
3		364	11.2%
4		459	14.1%
5		101	3.1%
6		281	8.6%
7		362	11.1%
8		604	18.5%
9		125	3.8%
10		452	13.9%

STRATUM: stratum

Data file: nam2005

Overview

Valid: 3258 Invalid: 0
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1563	48%
2		1695	52%

WSTEP2: final analysis weight for step 2 (physical measures)

Data file: nam2005

Overview

Valid: 3256 Invalid: 2 Minimum: 6.653 Maximum: 261.588 Mean: 41.748 Standard deviation: 39.329
 Type: Continuous Decimal: 0 Width: 10 Range: 6.653272013 - 261.587514 Format: Numeric

study_resources

questionnaires

Questionnaire

title Questionnaire
country Namibia
filename STEPS_Namibia_2005_Questionnaire.pdf

technical_documents

Generic STEPS Questionnaire (version 1.4)

title Generic STEPS Questionnaire (version 1.4)
filename STEPS_Instrument_v1-4.pdf
