STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2003

Ministry of Health

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Identification

SURVEY ID NUMBER
COK_2003_STEPS_v01_M

TITLE
STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2003

COUNTRY

Name	Country code
Cook Islands	COK

STUDY TYPE
Other Household Survey [hh/oth]

SERIES INFORMATION
This is the first STEPS conducted by Cook Islands.

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: tobacco use, alcohol consumption, diet, physical activity, history of raised blood glucose and history of raised blood pressure. Additionally, the following measures were taken: blood pressure, height, weight, waist circumference, heart rate, fasting blood glucose and total cholesterol.

TOPICS

Topic	Vocabulary
STEPS	Survey

KEYWORDS

Keyword
noncommunicable diseases
risk factors
health surveys
tobacco use
alcohol use

diet
nutrition
physical activity
blood pressure
overweight
obesity
diabetes
hypertension
blood glucose
cholesterol

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 sampling design was used to produce representative data for that age range in Cook Islands. Please refer to page 19-20 of report for further information.

RESPONSE RATE
The response rate was 90%.

WEIGHTING
See p. 24 of report for description of weighting.

Different weight variables are available per Step:
wStep1 - for interview data
wStep2 - for physical measures
wStep3 - for biochemical measures
This allows for differences in the weight calculation for each Step of the survey as the age-sex composition of the respondents to each Step can differ slightly due to refusal or drop out.

data_collection

DATES OF DATA COLLECTION

Start	End
2003-09	2004-05

DATA COLLECTION MODE
Face-to-face [f2f]

DATA COLLECTION NOTES
Accutrend GCT and Advantage Complete were used for biochemical measurements.

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_COK_2003_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
2019-12-18

DDI DOCUMENT VERSION
Identical to a metadata (COK_2003_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
COK2003 National public-use dataset	2012	102

Data file: COK2003

National public-use dataset

Cases:	2012
variables:	102

variables

ID	Name	Label	Question
V531	id	ID	
V535	sex	sex	
V536	age	age for analysis	
V537	c4	yrs of education	
V538	c5	ethnic group	
V539	c6	highest level of education	
V540	c7	work status	
V541	t1	current smoking	
V542	t2	current daily smoking	
V543	t3	age started smoking	
V544	t4b	time since started smoking (months)	
V545	t4c	time since started smoking (weeks)	
V546	t4a	time since started smoking (years)	
V547	t5a	manufactured cigs smoked per day	
V548	t5b	hand-rolled cigs smoked per day	
V549	t5c	pipes smoked per day	
V550	t5d	cigars smoked per day	
V551	t5e	other smoked per day	
V552	t5other	specify other product smoked	
V553	x3	exposed to smoke at work	
V554	x4	exposed to smoke in home	
V555	x6	ever drank alcohol	
V556	a1	drank alcohol in past 12 mos	
V557	a2	freq drinking in past 12 mos	
V558	a3	average drinks during one day	
V559	a5a	number of drinks consumed last Monday	
V560	a5b	number of drinks consumed last Tuesday	
V561	a5c	number of drinks consumed last Wednesday	
V562	a5d	number of drinks consumed last Thursday	
V563	a5e	number of drinks consumed last Friday	
V564	a5f	number of drinks consumed last Saturday	
V565	a5g	number of drinks consumed last Sunday	
V566	d1	days fruit eaten per week	
V567	d2	servings fruit eaten per day	
V568	d3	days veg eaten per week	
V569	d4	servings veg eaten per day	
V570	d5	oil used most often	

ID	Name	Label	Question
V571	d5other	other oil used most often	
V572	p1	vig activity at work	
V573	p2	vig activity at work: days per week	
V574	p3a	vig activity at work: hours per day	
V575	p3b	vig activity at work: mins per day	
V576	p4	mod activity at work	
V577	p5	mod activity at work: days per week	
V578	p6a	mod activity at work: hours per day	
V579	p6b	mod activity at work: mins per day	
V580	p7	active transport	
V581	p8	active transport: days per week	
V582	p9a	active transport: hours per day	
V583	p9b	active transport: mins per day	
V584	p10	vig leisure activity	
V585	p11	vig leisure activity: days per week	
V586	p12a	vig leisure activity: hours per day	
V587	p12b	vig leisure activity: mins per day	
V588	p13	mod leisure activity	
V589	p14	mod leisure activity: days per week	
V590	p15a	mod leisure activity: hours per day	
V591	p15b	mod leisure activity: mins per day	
V592	p16a	sedentary time: hours per day	
V593	p16b	sedentary time: mins per day	
V594	h1	BP last measured	
V595	h2	told had high BP in past 12 mos	
V596	h3a	currently receiving for high BP: drugs	
V597	h4	ever seen trad'l healer for high BP	
V598	h5	taking trad'l meds for high BP	
V599	h6	ever had gluc measured	
V600	h7	told had high gluc in past 12 mos	
V601	h8a	currently receiving for high gluc: insulin	
V602	h8b	currently receiving for high gluc: drugs	
V603	h9	seen trad'l healer for high gluc in past 12 mos	
V604	h10	taking trad'l meds for high gluc	
V605	m1	interviewer ID	
V606	m2a	height device ID	
V607	m2b	weight device ID	
V608	m3	height (cm)	
V609	m4	weight (kg)	
V610	m5	pregnant	
V611	m6	waist device ID	
V612	m7	waist circumference (cm)	
V613	m8	interviewer ID	
V614	m9	interviewer ID	
V615	m10	cuff size	

ID	Name	Label	Question
V616	m11a	BP reading 1: systolic	
V617	m11b	BP reading 1: diastolic	
V618	m12a	BP reading 2: systolic	
V619	m12b	BP reading 2: diastolic	
V620	m13a	BP reading 3: systolic	
V621	m13b	BP reading 3: diastolic	
V622	b1	ate/drank in past 12 hours (fasting status)	
V623	b2	technician ID	
V624	b3	gluc device ID	
V625	b4hr	time blood sample taken (hours)	
V626	b4min	time blood sample taken (minutes)	
V627	b5	fasting blood glucose (mmol/l)	
V628	b6	chol device ID	
V629	b7	total cholesterol (mmol/l)	
V630	wstep1	final analysis weight for step 1 (interview)	
V631	wstep2	final analysis weight for step 2 (physical measures)	
V632	wstep3	final analysis weight for step 3 (biochemical measures)	
V633	stratum	stratum	
V634	psu	psu	
V635	agerange	ageranges for which survey was designed	

total: 102

ID: ID

Data file: COK2003

Overview

Valid: 2012   Invalid: 0   Minimum: 1001   Maximum: 11104   Mean: 4245.962   Standard deviation: 2835.026
Type: Continuous   Decimal: 0   Width: 10   Range: 1001 - 11104   Format: Numeric

SEX: sex

Data file: COK2003

Overview

Valid: 2012   Invalid: 0
Type: Discrete   Width: 5   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
Men		988	49.1%
Women		1024	50.9%

AGE: age for analysis

Data file: COK2003

Overview

Valid: 2012   Invalid: 0   Minimum: 25   Maximum: 64   Mean: 44.346   Standard deviation: 11.202
Type: Continuous   Decimal: 0   Width: 10   Range: 25 - 64   Format: Numeric

C4: yrs of education

Data file: COK2003

Overview

Valid: 2003   Invalid: 9   Minimum: 0   Maximum: 40   Mean: 11.404   Standard deviation: 3.065
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 40   Format: Numeric

C5: ethnic group

Data file: COK2003

Overview

Valid: 2011   Invalid: 1
Type: Discrete   Decimal: 0   Width: 13   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cook Is Maori	1900	94.5%
2	European	67	3.3%
3	Other	42	2.1%
4	Refused	2	0.1%
Sysmiss		1	

C6: highest level of education

Data file: COK2003

Overview

Valid: 2008   Invalid: 4
Type: Discrete   Decimal: 0   Width: 21   Range: 1 - 6   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Never attended school	2	0.1%
2	Some primary	93	4.6%
3	Primary school	508	25.3%
4	Secondary school	1066	53.1%
5	Tertiary	288	14.3%
6	Postgraduate degree	51	2.5%
Sysmiss		4	

C7: work status

Data file: COK2003

Overview

Valid: 1995   Invalid: 17
Type: Discrete   Decimal: 0   Width: 27   Range: 1 - 9   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	Government employee	583	29.2%
2	Non-government employee	580	29.1%
3	Self-employed	306	15.3%
4	Non-paid	53	2.7%
5	Student	1	0.1%
6	Homemaker	139	7%
7	Retired	121	6.1%
8	Unemployed (able to work)	190	9.5%
9	Unemployed (unable to work)	22	1.1%
Sysmiss		17	

T1: current smoking

Data file: COK2003

Overview

Valid: 2006   Invalid: 6
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	804	40.1%
2	No	1202	59.9%
Sysmiss		6	

T2: current daily smoking

Data file: COK2003

Overview

Valid: 799   Invalid: 1213
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	612	76.6%
2	No	187	23.4%
Sysmiss		1213	

T3: age started smoking

Data file: COK2003

Overview

Valid: 576   Invalid: 1436   Minimum: 0   Maximum: 51   Mean: 20.809   Standard deviation: 6.412
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 51   Format: Numeric

T4B: time since started smoking (months)

Data file: COK2003

Overview

Valid: 0   Invalid: 2012
Type: Discrete   Decimal: 0   Width: 10   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

T4C: time since started smoking (weeks)

Data file: COK2003

Overview

Valid: 0   Invalid: 2012
Type: Discrete   Decimal: 0   Width: 10   Range: -   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

T4A: time since started smoking (years)

Data file: COK2003

Overview

Valid: 5   Invalid: 2007   Minimum: 3   Maximum: 42   Mean: 20.6   Standard deviation: 13.921
Type: Continuous   Decimal: 0   Width: 10   Range: 3 - 42   Format: Numeric

T5A: manufactured cigs smoked per day

Data file: COK2003

Overview

Valid: 558   Invalid: 1454   Minimum: 0   Maximum: 50   Mean: 7.129   Standard deviation: 8.943
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 50   Format: Numeric

T5B: hand-rolled cigs smoked per day

Data file: COK2003

Overview

Valid: 570   Invalid: 1442   Minimum: 0   Maximum: 65   Mean: 7.075   Standard deviation: 8.58
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 65   Format: Numeric

T5C: pipes smoked per day

Data file: COK2003

Overview

Valid: 513   Invalid: 1499
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 0   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		513	100%
Sysmiss		1499	

T5D: cigars smoked per day

Data file: COK2003

Overview

Valid: 514   Invalid: 1498
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 0   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		514	100%

Sysmiss		1498	

T5E: other smoked per day

Data file: COK2003

Overview

Valid: 512   Invalid: 1500
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		511	99.8%
7		1	0.2%
Sysmiss		1500	

T5OTHER: specify other product smoked

Data file: COK2003

Overview

Valid: 2   Invalid: 0
Type: Discrete   Width: 2   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	50%
00		1	50%

X3: exposed to smoke at work

Data file: COK2003

Overview

Valid: 1995   Invalid: 17
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		969	48.6%
1		47	2.4%
2		64	3.2%
3		71	3.6%
4		39	2%
5		397	19.9%
6		154	7.7%
7		253	12.7%
8		1	0.1%
Sysmiss		17	

X4: exposed to smoke in home

Data file: COK2003

Overview

Valid: 2001   Invalid: 11
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1157	57.8%
1		74	3.7%
2		58	2.9%
3		45	2.2%
4		14	0.7%
5		29	1.4%
6		22	1.1%
7		602	30.1%
Sysmiss		11	

X6: ever drank alcohol

Data file: COK2003

Overview

Valid: 2006   Invalid: 6
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1339	66.7%
2	No	667	33.3%
Sysmiss		6	

A1: drank alcohol in past 12 mos

Data file: COK2003

Overview

Valid: 2006   Invalid: 6
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1096	54.6%
2	No	910	45.4%
Sysmiss		6	

A2: freq drinking in past 12 mos

Data file: COK2003

Overview

Valid: 1091   Invalid: 921
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	5 or more days per week	94	8.6%
2	1-4 days per week	472	43.3%
3	1-3 days per month	269	24.7%
4	Less than once a month	256	23.5%
Sysmiss		921	

A3: average drinks during one day

Data file: COK2003

Overview

Valid: 1020   Invalid: 992   Minimum: 0   Maximum: 70   Mean: 9.257   Standard deviation: 8.118
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 70   Format: Numeric

A5A: number of drinks consumed last Monday

Data file: COK2003

Overview

Valid: 1055   Invalid: 957   Minimum: 0   Maximum: 70   Mean: 1.038   Standard deviation: 4.413
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 70   Format: Numeric

A5B: number of drinks consumed last Tuesday

Data file: COK2003

Overview

Valid: 1053   Invalid: 959   Minimum: 0   Maximum: 40   Mean: 0.624   Standard deviation: 2.949
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 40   Format: Numeric

A5C: number of drinks consumed last Wednesday

Data file: COK2003

Overview

Valid: 1055   Invalid: 957   Minimum: 0   Maximum: 40   Mean: 0.975   Standard deviation: 3.673
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 40   Format: Numeric

A5D: number of drinks consumed last Thursday

Data file: COK2003

Overview

Valid: 1054   Invalid: 958   Minimum: 0   Maximum: 50   Mean: 1.338   Standard deviation: 4.648
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 50   Format: Numeric

A5E: number of drinks consumed last Friday

Data file: COK2003

Overview

Valid: 1070   Invalid: 942   Minimum: 0   Maximum: 80   Mean: 5.203   Standard deviation: 8.043
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 80   Format: Numeric

A5F: number of drinks consumed last Saturday

Data file: COK2003

Overview

Valid: 1067   Invalid: 945   Minimum: 0   Maximum: 75   Mean: 5.008   Standard deviation: 8.455
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 75   Format: Numeric

A5G: number of drinks consumed last Sunday

Data file: COK2003

Overview

Valid: 1058   Invalid: 954   Minimum: 0   Maximum: 70   Mean: 2.042   Standard deviation: 5.933
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 70   Format: Numeric

D1: days fruit eaten per week

Data file: COK2003

Overview

Valid: 2010   Invalid: 2
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		118	5.9%
1		308	15.3%
2		340	16.9%
3		347	17.3%
4		158	7.9%
5		99	4.9%
6		29	1.4%
7		610	30.3%
8		1	0%
Sysmiss		2	

D2: servings fruit eaten per day

Data file: COK2003

Overview

Valid: 1891   Invalid: 121
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 17   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		481	25.4%
2		684	36.2%
3		348	18.4%
4		226	12%
5		34	1.8%
6		49	2.6%
7		49	2.6%
8		10	0.5%
10		4	0.2%
11		1	0.1%
12		2	0.1%
14		1	0.1%
17		1	0.1%
Sysmiss		121	

D3: days veg eaten per week

Data file: COK2003

Overview

Valid: 2007   Invalid: 5
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		119	5.9%
1		331	16.5%
2		349	17.4%

3		370	18.4%
4		169	8.4%
5		122	6.1%
6		38	1.9%
7		509	25.4%
Sysmiss		5	

D4: servings veg eaten per day

Data file: COK2003

Overview

Valid: 1889   Invalid: 123
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 20   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2	0.1%
1		514	27.2%
2		761	40.3%
3		300	15.9%
4		209	11.1%
5		27	1.4%
6		33	1.7%
7		16	0.8%
8		14	0.7%
9		1	0.1%
10		5	0.3%
12		4	0.2%
16		2	0.1%
20		1	0.1%
Sysmiss		123	

D5: oil used most often

Data file: COK2003

Overview

Valid: 2008   Invalid: 4
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Vegetable oil	1632	81.3%
2	Lard or suet	42	2.1%
3	Butter or ghee	73	3.6%
4	Margarine	170	8.5%
5	Other	43	2.1%
6	None in particular	8	0.4%
7	None used	36	1.8%
8	Don't know	4	0.2%
Sysmiss		4	

▌ D5OTHER: other oil used most often

Data file: COK2003

Overview

Valid: 42   Invalid: 0
Type: Discrete   Width: 9   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
CANOLA CO		1	2.4%
CHEFADE		1	2.4%
CHEFARD O		1	2.4%
DRIPPING		1	2.4%
OLIVE		1	2.4%
OLIVE OIL		5	11.9%
PIG FAT O		1	2.4%
PIGS FAT		2	4.8%
PORK FAT		27	64.3%
WATER		1	2.4%
WATER ONL		1	2.4%

P1: vig activity at work

Data file: COK2003

Overview

Valid: 2004   Invalid: 8
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	160	8%
2	No	1844	92%
Sysmiss		8	

P2: vig activity at work: days per week

Data file: COK2003

Overview

Valid: 160   Invalid: 1852
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		8	5%
2		16	10%
3		27	16.9%
4		10	6.3%
5		56	35%
6		37	23.1%
7		6	3.8%
Sysmiss		1852	

P3A: vig activity at work: hours per day

Data file: COK2003

Overview

Valid: 152   Invalid: 1860
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 0   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		152	100%
Sysmiss		1860	

P3B: vig activity at work: mins per day

Data file: COK2003

Overview

Valid: 156   Invalid: 1856   Minimum: 0   Maximum: 45   Mean: 2.628   Standard deviation: 8.566
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 45   Format: Numeric

P4: mod activity at work

Data file: COK2003

Overview

Valid: 2002   Invalid: 10
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	290	14.5%
2	No	1712	85.5%
Sysmiss		10	

P5: mod activity at work: days per week

Data file: COK2003

Overview

Valid: 288   Invalid: 1724
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

0		1	0.3%
1		17	5.9%
2		27	9.4%
3		35	12.2%
4		14	4.9%
5		74	25.7%
6		81	28.1%
7		38	13.2%
8		1	0.3%
Sysmiss		1724	

P6A: mod activity at work: hours per day

Data file: COK2003

Overview

Valid: 273   Invalid: 1739
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 15   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0.4%
1		24	8.8%
2		36	13.2%
3		36	13.2%
4		42	15.4%
5		29	10.6%
6		28	10.3%
7		23	8.4%
8		28	10.3%
9		4	1.5%
10		14	5.1%
11		2	0.7%
12		2	0.7%
14		1	0.4%
15		3	1.1%
Sysmiss		1739	

P6B: mod activity at work: mins per day

Data file: COK2003

Overview

Valid: 273   Invalid: 1739   Minimum: 0   Maximum: 45   Mean: 2.355   Standard deviation: 8.241
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 45   Format: Numeric

P7: active transport

Data file: COK2003

Overview

Valid: 1996   Invalid: 16
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	792	39.7%
2	No	1204	60.3%
Sysmiss		16	

P8: active transport: days per week

Data file: COK2003

Overview

Valid: 777   Invalid: 1235
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		81	10.4%
2		115	14.8%
3		121	15.6%
4		49	6.3%
5		119	15.3%
6		68	8.8%
7		223	28.7%

Sysmiss		1235	

P9A: active transport: hours per day

Data file: COK2003

Overview

Valid: 387   Invalid: 1625
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 12   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		21	5.4%
1		210	54.3%
2		76	19.6%
3		25	6.5%
4		28	7.2%
5		5	1.3%
6		8	2.1%
7		5	1.3%
8		4	1%
10		2	0.5%
11		1	0.3%
12		2	0.5%
Sysmiss		1625	

P9B: active transport: mins per day

Data file: COK2003

Overview

Valid: 468   Invalid: 1544   Minimum: 0   Maximum: 50   Mean: 25.156   Standard deviation: 9.412
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 50   Format: Numeric

P10: vig leisure activity

Data file: COK2003

Overview

Valid: 1998   Invalid: 14
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	122	6.1%
2	No	1876	93.9%
Sysmiss		14	

P11: vig leisure activity: days per week

Data file: COK2003

Overview

Valid: 121   Invalid: 1891
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		7	5.8%
2		24	19.8%
3		46	38%
4		15	12.4%
5		12	9.9%
6		10	8.3%
7		7	5.8%
Sysmiss		1891	

P12A: vig leisure activity: hours per day

Data file: COK2003

Overview

Valid: 107   Invalid: 1905
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2	1.9%

1		55	51.4%
2		31	29%
3		8	7.5%
4		7	6.5%
5		2	1.9%
8		2	1.9%
Sysmiss		1905	

P12B: vig leisure activity: mins per day

Data file: COK2003

Overview

Valid: 121   Invalid: 1891   Minimum: 0   Maximum: 45   Mean: 10.702   Standard deviation: 15.046
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 45   Format: Numeric

P13: mod leisure activity

Data file: COK2003

Overview

Valid: 1999   Invalid: 13
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	212	10.6%
2	No	1787	89.4%
Sysmiss		13	

P14: mod leisure activity: days per week

Data file: COK2003

Overview

Valid: 209   Invalid: 1803
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 7   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		36	17.2%
2		41	19.6%
3		62	29.7%
4		20	9.6%
5		15	7.2%
6		17	8.1%
7		18	8.6%
Sysmiss		1803	

P15A: mod leisure activity: hours per day

Data file: COK2003

Overview

Valid: 145   Invalid: 1867
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 10   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		9	6.2%
1		68	46.9%
2		32	22.1%
3		17	11.7%
4		12	8.3%
5		3	2.1%
6		1	0.7%
7		2	1.4%
10		1	0.7%
Sysmiss		1867	

P15B: mod leisure activity: mins per day

Data file: COK2003

Overview

Valid: 209   Invalid: 1803   Minimum: 0   Maximum: 45   Mean: 12.656   Standard deviation: 15.112
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 45   Format: Numeric

P16A: sedentary time: hours per day

Data file: COK2003

Overview

Valid: 1909   Invalid: 103   Minimum: 0   Maximum: 30   Mean: 5.561   Standard deviation: 3.711
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 30   Format: Numeric

P16B: sedentary time: mins per day

Data file: COK2003

Overview

Valid: 1949   Invalid: 63   Minimum: 0   Maximum: 50   Mean: 3.753   Standard deviation: 9.994
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 50   Format: Numeric

H1: BP last measured

Data file: COK2003

Overview

Valid: 2000   Invalid: 12
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Within past 12 months	1568	78.4%
2	1-5 years ago	330	16.5%
3	Not within past 5 years	102	5.1%
Sysmiss		12	

H2: told had high BP in past 12 mos

Data file: COK2003

Overview

Valid: 2003   Invalid: 9
Type: Discrete   Decimal: 0   Width: 26   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	432	21.6%

2	No	1563	78%
3	Don't know/ don't remember	8	0.4%
Sysmiss		9	

H3A: currently receiving for high BP: drugs

Data file: COK2003

Overview

Valid: 447   Invalid: 1565
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	323	72.3%
2	No	124	27.7%
Sysmiss		1565	

H4: ever seen trad'l healer for high BP

Data file: COK2003

Overview

Valid: 445   Invalid: 1567
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	34	7.6%
2	No	411	92.4%
Sysmiss		1567	

H5: taking trad'l meds for high BP

Data file: COK2003

Overview

Valid: 442   Invalid: 1570
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	59	13.3%
2	No	383	86.7%
Sysmiss		1570	

H6: ever had gluc measured

Data file: COK2003

Overview

Valid: 2003   Invalid: 9
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1227	61.3%
2	No	776	38.7%
Sysmiss		9	

H7: told had high gluc in past 12 mos

Data file: COK2003

Overview

Valid: 2004   Invalid: 8
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	216	10.8%
2	No	1781	88.9%
3		7	0.3%
Sysmiss		8	

H8A: currently receiving for high gluc: insulin

Data file: COK2003

Overview

Valid: 222   Invalid: 1790
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	20	9%
2	No	202	91%
Sysmiss		1790	

H8B: currently receiving for high gluc: drugs

Data file: COK2003

Overview

Valid: 220   Invalid: 1792
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	150	68.2%
2	No	70	31.8%
Sysmiss		1792	

H9: seen trad'l healer for high gluc in past 12 mos

Data file: COK2003

Overview

Valid: 218   Invalid: 1794
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	10	4.6%

2	No	208	95.4%
Sysmiss		1794	

H10: taking trad'l meds for high gluc

Data file: COK2003

Overview

Valid: 218   Invalid: 1794
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	25	11.5%
2	No	193	88.5%
Sysmiss		1794	

M1: interviewer ID

Data file: COK2003

Overview

Valid: 1863   Invalid: 149   Minimum: 4   Maximum: 64   Mean: 17.613   Standard deviation: 10.916
Type: Continuous   Decimal: 0   Width: 10   Range: 4 - 64   Format: Numeric

M2A: height device ID

Data file: COK2003

Overview

Valid: 1842   Invalid: 170
Type: Discrete   Decimal: 0   Width: 10   Range: 11 - 24   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11		1834	99.6%
12		4	0.2%
14		1	0.1%
15		1	0.1%

22		1	0.1%
24		1	0.1%
Sysmiss		170	

M2B: weight device ID

Data file: COK2003

Overview

Valid: 1890   Invalid: 122
Type: Discrete   Decimal: 0   Width: 10   Range: 21 - 25   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
21		770	40.7%
22		655	34.7%
23		224	11.9%
24		237	12.5%
25		4	0.2%
Sysmiss		122	

M3: height (cm)

Data file: COK2003

Overview

Valid: 1897   Invalid: 115   Minimum: 78   Maximum: 201   Mean: 167.964   Standard deviation: 8.694
Type: Continuous   Decimal: 0   Width: 10   Range: 78 - 201   Format: Numeric

M4: weight (kg)

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 39   Maximum: 232   Mean: 93.388   Standard deviation: 21.95
Type: Continuous   Decimal: 0   Width: 10   Range: 39 - 232   Format: Numeric

M5: pregnant

Data file: COK2003

Overview

Valid: 374   Invalid: 1638
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	12	3.2%
2	No	362	96.8%
Sysmiss		1638	

M6: waist device ID

Data file: COK2003

Overview

Valid: 1876   Invalid: 136
Type: Discrete   Decimal: 0   Width: 10   Range: 31 - 51   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
31		563	30%
32		804	42.9%
33		505	26.9%
34		2	0.1%
35		1	0.1%
51		1	0.1%
Sysmiss		136	

M7: waist circumference (cm)

Data file: COK2003

Overview

Valid: 1870   Invalid: 142   Minimum: 0   Maximum: 159   Mean: 102.61   Standard deviation: 15.951
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 159   Format: Numeric

M8: interviewer ID

Data file: COK2003

Overview

Valid: 1885   Invalid: 127   Minimum: 1   Maximum: 61   Mean: 20.892   Standard deviation: 16.959
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 61   Format: Numeric

▌ M9: interviewer ID

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 1   Maximum: 32   Mean: 2.198   Standard deviation: 1.274
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 32   Format: Numeric

▌ M10: cuff size

Data file: COK2003

Overview

Valid: 1882   Invalid: 130
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small	1270	67.5%
2	medium	361	19.2%
3	large	251	13.3%
Sysmiss		130	

▌ M11A: BP reading 1: systolic

Data file: COK2003

Overview

Valid: 1895   Invalid: 117   Minimum: 58   Maximum: 237   Mean: 137.674   Standard deviation: 22.071
Type: Continuous   Decimal: 0   Width: 10   Range: 58 - 237   Format: Numeric

▌ M11B: BP reading 1: diastolic

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 32   Maximum: 136   Mean: 83.764   Standard deviation: 13.634
Type: Continuous   Decimal: 0   Width: 10   Range: 32 - 136   Format: Numeric

M12A: BP reading 2: systolic

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 89   Maximum: 226   Mean: 132.354   Standard deviation: 20.497
Type: Continuous   Decimal: 0   Width: 10   Range: 89 - 226   Format: Numeric

M12B: BP reading 2: diastolic

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 30   Maximum: 137   Mean: 81.621   Standard deviation: 13.036
Type: Continuous   Decimal: 0   Width: 10   Range: 30 - 137   Format: Numeric

M13A: BP reading 3: systolic

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 68   Maximum: 227   Mean: 130.844   Standard deviation: 20.019
Type: Continuous   Decimal: 0   Width: 10   Range: 68 - 227   Format: Numeric

M13B: BP reading 3: diastolic

Data file: COK2003

Overview

Valid: 1896   Invalid: 116   Minimum: 29   Maximum: 137   Mean: 80.858   Standard deviation: 13.119
Type: Continuous   Decimal: 0   Width: 10   Range: 29 - 137   Format: Numeric

B1: ate/drank in past 12 hours (fasting status)

Data file: COK2003

Overview

Valid: 1896   Invalid: 116
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1855	97.8%

2	No	41	2.2%
Sysmiss		116	

B2: technician ID

Data file: COK2003

Overview

Valid: 1884   Invalid: 128   Minimum: 2   Maximum: 63   Mean: 21.023   Standard deviation: 14.831
Type: Continuous   Decimal: 0   Width: 10   Range: 2 - 63   Format: Numeric

B3: gluc device ID

Data file: COK2003

Overview

Valid: 1926   Invalid: 86   Minimum: 8   Maximum: 53   Mean: 42.714   Standard deviation: 1.534
Type: Continuous   Decimal: 0   Width: 10   Range: 8 - 53   Format: Numeric

B4HR: time blood sample taken (hours)

Data file: COK2003

Overview

Valid: 1889   Invalid: 123
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 19   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2	0.1%
2		2	0.1%
3		5	0.3%
4		2	0.1%
6		3	0.2%
7		312	16.5%
8		754	39.9%
9		456	24.1%
10		215	11.4%
11		89	4.7%
12		35	1.9%
13		6	0.3%

14		3	0.2%
19		5	0.3%
Sysmiss		123	

B4MIN: time blood sample taken (minutes)

Data file: COK2003

Overview

Valid: 1889   Invalid: 123   Minimum: 0   Maximum: 59   Mean: 26.653   Standard deviation: 18.129
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 59   Format: Numeric

B5: fasting blood glucose (mmol/l)

Data file: COK2003

Overview

Valid: 1896   Invalid: 116
Type: Discrete   Decimal: 0   Width: 10   Range: 3 - 22   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
3		1	0.1%
4		27	1.4%
5		578	30.5%
6		758	40%
7		256	13.5%
8		78	4.1%
9		49	2.6%
10		41	2.2%
11		21	1.1%
12		21	1.1%
13		17	0.9%
14		15	0.8%
15		14	0.7%
16		9	0.5%
17		7	0.4%
18		1	0.1%
19		1	0.1%
20		1	0.1%

22		1	0.1%
Sysmiss		116	

B6: chol device ID

Data file: COK2003

Overview

Valid: 1929   Invalid: 83   Minimum: 5   Maximum: 54   Mean: 52.795   Standard deviation: 1.604
Type: Continuous   Decimal: 0   Width: 10   Range: 5 - 54   Format: Numeric

B7: total cholesterol (mmol/l)

Data file: COK2003

Overview

Valid: 1686   Invalid: 326
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 8   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		4	0.2%
4		388	23%
5		843	50%
6		336	19.9%
7		100	5.9%
8		14	0.8%
Sysmiss		326	

WSTEP1: final analysis weight for step 1 (interview)

Data file: COK2003

Overview

Valid: 2012   Invalid: 0   Minimum: 1.101   Maximum: 18.58   Mean: 4.609   Standard deviation: 3.172
Type: Continuous   Decimal: 0   Width: 10   Range: 1.10065091139757 - 18.5801430364721   Format: Numeric

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

Data file: COK2003

Overview

Valid: 2012   Invalid: 0   Minimum: 1.101   Maximum: 18.58   Mean: 4.609   Standard deviation: 3.172
Type: Continuous   Decimal: 0   Width: 10   Range: 1.10065091139757 - 18.5801430364721   Format: Numeric

WSTEP3: final analysis weight for step 3 (biochemical measures)

Data file: COK2003

Overview

Valid: 2012   Invalid: 0   Minimum: 1.101   Maximum: 18.58   Mean: 4.609   Standard deviation: 3.172
Type: Continuous   Decimal: 0   Width: 10   Range: 1.10065091139757 - 18.5801430364721   Format: Numeric

STRATUM: stratum

Data file: COK2003

Overview

Valid: 2012   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2012	100%

PSU: psu

Data file: COK2003

Overview

Valid: 2012   Invalid: 0   Minimum: 1   Maximum: 88   Mean: 28.85   Standard deviation: 23.456
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 88   Format: Numeric

AGERANGE: ageranges for which survey was designed

Data file: COK2003

Overview

Valid: 2012   Invalid: 0
Type: Discrete   Width: 5   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
25-34		489	24.3%
35-44		541	26.9%
45-54		493	24.5%
55-64		489	24.3%

Value	Category	Cases	
25-34		489	24.3%
35-44		541	26.9%
45-54		493	24.5%

study_resources

questionnaires

STEPS Cook Islands 2003 Questionnaire (EN)

title   STEPS Cook Islands 2003 Questionnaire (EN)
country   Cook Isld.
filename STEPS_CookIslands_2003_Questionnaire_EN.pdf

reports

STEPS Cook Islands 2003 Fact Sheet (EN)

title   STEPS Cook Islands 2003 Fact Sheet (EN)
country   Cook Isld.
filename STEPS_CookIslands_2003_FactSheet_EN.pdf

STEPS Cook Islands 2003 Report (EN)

title   STEPS Cook Islands 2003 Report (EN)
country   Cook Isld.
filename STEPS_CookIslands_2003_Report_EN.pdf

technical_documents

Generic STEPS Questionnaire (version 1.4)

title   Generic STEPS Questionnaire (version 1.4)
country   Cook Isld.
filename STEPS_Instrument_v1_4.pdf