

STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2007

Ministry of Health

report_generated_on: November 6, 2023

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

Identification

SURVEY ID NUMBER

BTN_2007_STEPS_v01_M

TITLE

STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2007

SUBTITLE

Thimphu

COUNTRY

Name	Country code
Bhutan	BTN

STUDY TYPE

STEPS

SERIES INFORMATION

This is the first STEPS conducted by Bhutan.

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, hip circumference, heart rate, fasting blood glucose, total cholesterol, triglycerides and HDL 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
triglycerides
HDL cholesterol

Coverage

GEOGRAPHIC COVERAGE

Subnational coverage: Thimphu

UNIVERSE

Adults aged 25-74 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 Thimphu. See p. 12 of report for more details.

RESPONSE RATE

Overall response rate: 89%

WEIGHTING

Analysis weights reflect adjustments for differences in the age-sex composition of the sample population as compared to the target population.

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
2007-08	2007-09

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Venous blood samples were taken and analyzed in a Hitachi 912 bio-analyzer.

Access policy

CONTACTS

Name	Affiliation	Email	URL
NCD Surveillance Team	World Health Organization	ncdmonitoring@who.int	Link
Dr. Mongol Singh Gurung	Bhutan Ministry of Health	msgurung@health.gov.bt	

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_BTN_2007_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

2020-04-07

DDI DOCUMENT VERSION

Identical to a metadata (BTN_2007_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
btn2007 National public-use dataset	2484	131

Data file: btn2007

National public-use dataset

Cases: 2484

variables: 131

variables

ID	Name	Label	Question
V133	pid	participant ID - unique record ID	
V135	sex	sex	
V136	age	age for analysis	
V137	c4	yrs of education	
V138	c5	ethnic background	
V139	c6	highest level of education	
V140	c7	work status	
V141	c8	adults older than 18yrs in household	
V142	c10	estimate of annual household income	
V143	t1	current smoking	
V144	t2	current daily smoking	
V145	t3	age started smoking	
V146	t4a	time since started smoking (years)	
V147	t4b	time since started smoking (months)	
V148	t4c	time since started smoking (weeks)	
V149	t5a	manufactured cigs smoked per day	
V150	t5b	hand-rolled cigs smoked per day	
V151	t5c	pipes smoked per day	
V152	t5d	cigars smoked per day	
V153	t5e	other smoked per day	
V154	t5other	specify other product smoked	
V155	t6	past daily smoking	
V156	t7	age quit smoking	
V157	t8a	time since quitting smoking (years)	
V158	t8b	time since quitting smoking (months)	
V159	t8c	time since quitting smoking (weeks)	
V160	t9	current smokeless tobacco use	
V161	t10	current daily smokeless tobacco use	
V162	t11a	Snuff, by mouth times per day	
V163	t11b	Snuff, by nose times per day	
V164	t11c	Khaini (Chewing tobacco) times per day	
V165	t11d	Doma (Betel, quid times) per day	
V166	t11e	other smokeless product per day	
V167	t11other	specify other smokeless product per day	
V168	t12	past daily smokeless use	
V169	a1	drank alcohol in past 12 mos	
V170	a2	freq drinking in past 12 mos	

ID	Name	Label	Question
V171	a3	average drinks in one day	
V172	a4	drank alcohol in past 30 days	
V173	a5a	number of drinks consumed last Monday	
V174	a5b	number of drinks consumed last Tuesday	
V175	a5c	number of drinks consumed last Wednesday	
V176	a5d	number of drinks consumed last Thursday	
V177	a5e	number of drinks consumed last Friday	
V178	a5f	number of drinks consumed last Saturday	
V179	a5g	number of drinks consumed last Sunday	
V180	d1	days fruit eaten per week	
V181	d2	servings fruit eaten per day	
V182	d3	days veg eaten per week	
V183	d4	servings veg eaten per day	
V184	d5	oil used most often	
V185	d5other	other oil used most often	
V186	p1	vig activity at work	
V187	p2	vig activity at work: days per week	
V188	p3a	vig activity at work: hours per day	
V189	p3b	vig activity at work: mins per day	
V190	p4	mod activity at work	
V191	p5	mod activity at work: days per week	
V192	p6a	mod activity at work: hours per day	
V193	p6b	mod activity at work: mins per day	
V194	p7	active transport	
V195	p8	active transport: days per week	
V196	p9a	active transport: hours per day	
V197	p9b	active transport: mins per day	
V198	p10	vig leisure activity	
V199	p11	vig leisure activity: days per week	
V200	p12a	vig leisure activity: hours per day	
V201	p12b	vig leisure activity: mins per day	
V202	p13	mod leisure activity	
V203	p14	mod leisure activity: days per week	
V204	p15a	mod leisure activity: hours per day	
V205	p15b	mod leisure activity: mins per day	
V206	p16a	sedentary time: hours per day	
V207	p16b	sedentary time: mins per day	
V208	h1	BP last measured	
V209	h2	told had high BP in past 12 mos	
V210	h3a	currently receiving for high BP: drugs	
V211	h3b	currently receiving for high BP: advice to reduce salt intake	
V212	h3c	currently receiving for high BP: advice/treatment to lose weight	
V213	h3d	currently receiving for high BP: advice/treatment to stop smoking	
V214	h3e	currently receiving for high BP: advice/treatment to exercise more	
V215	h4	seen trad'l healer for high BP in past 12 mos	

ID	Name	Label	Question
V216	h5	taking trad'l meds for high BP	
V217	h6	gluc measured in past 12 mos	
V218	h7	told had high gluc in past 12 mos	
V219	h8a	currently receiving for high gluc: insulin	
V220	h8b	currently receiving for high gluc: drugs	
V221	h8c	currently receiving for high gluc: special diet	
V222	h8d	currently receiving for high gluc: advice/treatment to lose weight	
V223	h8e	currently receiving for high gluc: advice/treatment to stop smoking	
V224	h8f	currently receiving for high gluc: advice/treatment to exercise more	
V225	h9	seen trad'l healer for high gluc in past 12 mos	
V226	h10	taking trad'l meds for high gluc	
V227	m1	interviewer ID	
V228	m2a	device ID (height)	
V229	m2b	device ID (weight)	
V230	m3	height (cm)	
V231	m4	weight (kg)	
V232	m5	pregnant	
V233	m6	device ID (waist)	
V234	m7	waist circumference (cm)	
V235	m8	BP interviewer ID	
V236	m9	device ID (blood pressure)	
V237	m10	cuff size	
V238	m11a	BP reading 1: systolic	
V239	m11b	BP reading 1: diastolic	
V240	m12a	BP reading 2: systolic	
V241	m12b	BP reading 2: diastolic	
V242	m13a	BP reading 3: systolic	
V243	m13b	BP reading 3: diastolic	
V244	m14	took raised BP meds in past 2 weeks	
V245	m15	hip circumference (cm)	
V246	m16a	heart rate reading 1 (beats per minute)	
V247	m16b	heart rate reading 2 (beats per minute)	
V248	m16c	heart rate reading 3 (beats per minute)	
V249	b1	ate/drank in past 8 hours (fasting status)	
V250	b2	technician ID	
V251	b4	time blood sample taken	
V252	b5	fasting blood glucose (mg/dl)	
V253	x10	time start glucose intake	
V254	x11	time post glucose challenge	
V255	x12	blood glucose 2 hours after glucose load (mg/dl)	
V256	b7	total cholesterol (mg/dl)	
V257	b8	triglycerides (mg/dl)	
V258	b9	HDL cholesterol (mg/dl)	
V259	agerange	ageranges for which survey was designed	
V260	stratum	stratum	

ID	Name	Label	Question
V261	psu	psu	
V262	wstep1	final analysis weight for step 1 (interview) - pop adjusted only	
V263	wstep2	final analysis weight for step 2 (physical measures) - pop adjusted only	
V264	wstep3	final analysis weight for step 3 (biochemical measures) - pop adjusted only	

total: 131

PID: participant ID - unique record ID**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 1 Maximum: 2495 Mean: 1249.759 Standard deviation: 719.149
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 2495 Format: Numeric

SEX: sex**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
Men		1138	45.8%
Women		1346	54.2%

AGE: age for analysis**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 25 Maximum: 74 Mean: 47.405 Standard deviation: 13.858
 Type: Continuous Decimal: 0 Width: 8 Range: 25 - 74 Format: Numeric

C4: yrs of education**Data file: btn2007****Overview**

Valid: 2482 Invalid: 2
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1580	63.7%
1		12	0.5%
2		18	0.7%

3		39	1.6%
4		47	1.9%
5		42	1.7%
6		44	1.8%
7		63	2.5%
8		82	3.3%
9		82	3.3%
10		77	3.1%
11		66	2.7%
12		63	2.5%
13		37	1.5%
14		28	1.1%
15		22	0.9%
16		22	0.9%
17		19	0.8%
18		13	0.5%
19		7	0.3%
20		5	0.2%
22		3	0.1%
77	Don't know	111	4.5%
Sysmiss		2	

C5: ethnic background

Data file: btn2007

Overview

Valid: 2483 Invalid: 1

Type: Discrete Decimal: 0 Width: 14 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Ngalong	804	32.4%
2	Sharchop	942	37.9%
3	Bumtap/Khengha	205	8.3%
4	Lhotshampa	441	17.8%
5	Others	89	3.6%
8	Refused	2	0.1%

Sysmiss		1	
---------	--	---	--

C6: highest level of education

Data file: btn2007

Overview

Valid: 2480 Invalid: 4

Type: Discrete Decimal: 0 Width: 33 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	No formal schooling	1329	53.6%
2	Less than primary school	360	14.5%
3	Primary school completed	245	9.9%
4	Secondary school completed	191	7.7%
5	High school completed	106	4.3%
6	College/University completed	64	2.6%
7	Post graduate degree	43	1.7%
8	Non formal education and monastic	85	3.4%
88	Refused	43	1.7%
99	Don't know	14	0.6%
Sysmiss		4	

C7: work status

Data file: btn2007

Overview

Valid: 2482 Invalid: 2

Type: Discrete Decimal: 0 Width: 27 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Government employee	453	18.3%
2	Non-government employee	173	7%
3	Self-employed	335	13.5%
4	Agriculture	132	5.3%

5	Student	5	0.2%
6	Homemaker/Housewife	860	34.6%
7	Retired	67	2.7%
8	Clergy/Lay Monks	42	1.7%
9	Uniformed force	173	7%
10	Unemployed (able to work)	133	5.4%
11	Unemployed (unable to work)	87	3.5%
88	Refused	20	0.8%
99	Don't know	2	0.1%
Sysmiss		2	

C8: adults older than 18yrs in household

Data file: btn2007

Overview

Valid: 2483 Invalid: 1

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3	0.1%
1		78	3.1%
2		685	27.6%
3		652	26.3%
4		477	19.2%
5		281	11.3%
6		143	5.8%
7		79	3.2%
8		29	1.2%
9		21	0.8%
10		5	0.2%
11		1	0%
12		1	0%
15		5	0.2%
18		3	0.1%
88	Don't know	4	0.2%
99	Don't know	16	0.6%

Sysmiss		1	
---------	--	---	--

C10: estimate of annual household income

Data file: btn2007

Overview

Valid: 2474 Invalid: 10

Type: Discrete Decimal: 0 Width: 20 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 3000	114	4.6%
2	Nu 3001 to Nu 5000	38	1.5%
3	Nu 5001 to 12000	56	2.3%
4	Nu 12001 to Nu 19000	102	4.1%
5	Nu 19000 above	1130	45.7%
7	Don't know	1010	40.8%
77	Don't know	1	0%
99	Don't know	23	0.9%
Sysmiss		10	

T1: current smoking

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	147	5.9%
2	No	2337	94.1%

T2: current daily smoking

Data file: btn2007

Overview

Valid: 147 Invalid: 2337

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	109	74.1%
2	No	28	19%
9	Don't know	10	6.8%
99	Don't know	0	0%
Sysmiss		2337	

T3: age started smoking**Data file: btn2007****Overview**

Valid: 117 Invalid: 2367

Type: Discrete Decimal: 0 Width: 10 Range: 11 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
11		4	3.4%
12		8	6.8%
13		4	3.4%
14		4	3.4%
15		7	6%
16		1	0.9%
17		6	5.1%
18		11	9.4%
19		5	4.3%
20		11	9.4%
21		4	3.4%
22		4	3.4%
23		1	0.9%
24		2	1.7%
25		10	8.5%

26		1	0.9%
27		3	2.6%
28		5	4.3%
30		2	1.7%
33		1	0.9%
40		1	0.9%
50		1	0.9%
51		1	0.9%
58		1	0.9%
62		1	0.9%
77	Don't know	7	6%
99	Don't know	11	9.4%
Sysmiss		2367	

T4A: time since started smoking (years)

Data file: btn2007

Overview

Valid: 19 Invalid: 2465

Type: Discrete Decimal: 0 Width: 10 Range: 3 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
3		1	5.3%
9		1	5.3%
77	Don't know	3	15.8%
99	Don't know	14	73.7%
Sysmiss		2465	

T4B: time since started smoking (months)

Data file: btn2007

Overview

Valid: 17 Invalid: 2467

Type: Discrete Decimal: 0 Width: 10 Range: 77 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
77	Don't know	2	11.8%
99	Don't know	15	88.2%
Sysmiss		2467	

T4C: time since started smoking (weeks)

Data file: btn2007

Overview

Valid: 17 Invalid: 2467

Type: Discrete Decimal: 0 Width: 10 Range: 77 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
77	Don't know	2	11.8%
99	Don't know	15	88.2%
Sysmiss		2467	

T5A: manufactured cigs smoked per day

Data file: btn2007

Overview

Valid: 118 Invalid: 2366

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		7	5.9%
1		11	9.3%
2		8	6.8%
3		9	7.6%
4		2	1.7%
5		11	9.3%

6		3	2.5%
7		1	0.8%
8		1	0.8%
9		2	1.7%
10		9	7.6%
12		1	0.8%
20		3	2.5%
77	Don't know	4	3.4%
99	Don't know	46	39%
Sysmiss		2366	

T5B: hand-rolled cigs smoked per day

Data file: btn2007

Overview

Valid: 117 Invalid: 2367

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		15	12.8%
1		1	0.9%
2		3	2.6%
3		5	4.3%
4		5	4.3%
5		2	1.7%
6		1	0.9%
9		1	0.9%
10		1	0.9%
12		2	1.7%
15		1	0.9%
20		1	0.9%
77	Don't know	4	3.4%
99	Don't know	75	64.1%
Sysmiss		2367	

T5C: pipes smoked per day**Data file: btn2007****Overview**

Valid: 116 Invalid: 2368

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		20	17.2%
2		1	0.9%
6		1	0.9%
9		1	0.9%
10		1	0.9%
77	Don't know	2	1.7%
99	Don't know	90	77.6%
Sysmiss		2368	

T5D: cigars smoked per day**Data file: btn2007****Overview**

Valid: 116 Invalid: 2368

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		18	15.5%
1		1	0.9%
5		1	0.9%
9		1	0.9%
11		1	0.9%
16		1	0.9%
77	Don't know	2	1.7%
99	Don't know	91	78.4%
Sysmiss		2368	

T5E: other smoked per day**Data file: btn2007****Overview**

Valid: 116 Invalid: 2368

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		19	16.4%
1		3	2.6%
3		1	0.9%
5		1	0.9%
9		2	1.7%
77	Don't know	3	2.6%
99	Don't know	87	75%
Sysmiss		2368	

T5OTHER: specify other product smoked**Data file: btn2007****Overview**

Valid: 3 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
777		1	33.3%
999		1	33.3%
baba		1	33.3%

T6: past daily smoking**Data file: btn2007**

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	437	17.6%
2	No	2020	81.3%
9	Don't know	27	1.1%

T7: age quit smoking**Data file: btn2007****Overview**

Valid: 438 Invalid: 2046

Type: Discrete Decimal: 0 Width: 10 Range: 10 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10		5	1.1%
11		4	0.9%
12		8	1.8%
13		1	0.2%
15		6	1.4%
16		5	1.1%
17		2	0.5%
18		11	2.5%
19		3	0.7%
20		17	3.9%
21		7	1.6%
22		12	2.7%
23		9	2.1%
24		11	2.5%
25		27	6.2%
26		9	2.1%
27		8	1.8%

28		8	1.8%
29		2	0.5%
30		32	7.3%
31		1	0.2%
32		6	1.4%
33		8	1.8%
34		7	1.6%
35		11	2.5%
36		7	1.6%
37		5	1.1%
38		8	1.8%
39		6	1.4%
40		15	3.4%
41		5	1.1%
42		5	1.1%
43		3	0.7%
45		12	2.7%
46		3	0.7%
48		3	0.7%
49		1	0.2%
50		5	1.1%
51		3	0.7%
52		1	0.2%
53		4	0.9%
54		3	0.7%
55		3	0.7%
56		3	0.7%
57		4	0.9%
58		3	0.7%
59		1	0.2%
60		4	0.9%
62		2	0.5%
63		3	0.7%
64		5	1.1%
77	Don't know	53	12.1%
99	Don't know	48	11%
Sysmiss		2046	

T8A: time since quitting smoking (years)**Data file: btn2007****Overview**

Valid: 107 Invalid: 2377

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	0.9%
2		1	0.9%
3		3	2.8%
4		1	0.9%
5		1	0.9%
9		1	0.9%
10		1	0.9%
15		2	1.9%
16		1	0.9%
17		1	0.9%
18		2	1.9%
20		2	1.9%
21		1	0.9%
22		1	0.9%
28		2	1.9%
29		1	0.9%
35		1	0.9%
50		1	0.9%
54		1	0.9%
77	Don't know	25	23.4%
99	Don't know	57	53.3%
Sysmiss		2377	

T8B: time since quitting smoking (months)**Data file: btn2007****Overview**

Valid: 81 Invalid: 2403

Type: Discrete Decimal: 0 Width: 10 Range: 2 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2		1	1.2%
6		1	1.2%
7		1	1.2%
9		1	1.2%
77	Don't know	19	23.5%
99	Don't know	58	71.6%
Sysmiss		2403	

T8C: time since quitting smoking (weeks)

Data file: btn2007

Overview

Valid: 77 Invalid: 2407

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	1.3%
17		1	1.3%
77	Don't know	18	23.4%
99	Don't know	57	74%
Sysmiss		2407	

T9: current smokeless tobacco use

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

1	Yes	953	38.4%
2	No	1499	60.3%
9	Don't know	32	1.3%

T10: current daily smokeless tobacco use

Data file: btn2007

Overview

Valid: 953 Invalid: 1531

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	836	87.7%
2	No	75	7.9%
9	Don't know	42	4.4%
Sysmiss		1531	

T11A: Snuff, by mouth times per day

Data file: btn2007

Overview

Valid: 888 Invalid: 1596

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		234	26.4%
1		1	0.1%
3		1	0.1%
5		1	0.1%
6		1	0.1%
9		6	0.7%
10		3	0.3%
19		1	0.1%
77	Don't know	4	0.5%

99	Don't know	636	71.6%
Sysmiss		1596	

T11B: Snuff, by nose times per day

Data file: btn2007

Overview

Valid: 888 Invalid: 1596

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		236	26.6%
2		1	0.1%
3		3	0.3%
5		2	0.2%
9		4	0.5%
10		1	0.1%
20		1	0.1%
77	Don't know	4	0.5%
99	Don't know	636	71.6%
Sysmiss		1596	

T11C: Khaini (Chewing tobacco) times per day

Data file: btn2007

Overview

Valid: 888 Invalid: 1596

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		168	18.9%
1		13	1.5%
2		3	0.3%
3		21	2.4%

4		30	3.4%
5		21	2.4%
6		23	2.6%
7		12	1.4%
8		11	1.2%
9		11	1.2%
10		24	2.7%
11		1	0.1%
12		9	1%
15		8	0.9%
16		1	0.1%
19		1	0.1%
20		11	1.2%
30		1	0.1%
35		1	0.1%
50		1	0.1%
77	Don't know	8	0.9%
99	Don't know	509	57.3%
Sysmiss		1596	

T11D: Doma (Betel, quid times) per day

Data file: btn2007

Overview

Valid: 891 Invalid: 1593

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		53	5.9%
1		56	6.3%
2		67	7.5%
3		68	7.6%
4		59	6.6%
5		89	10%
6		34	3.8%
7		9	1%

8		34	3.8%
9		14	1.6%
10		72	8.1%
11		6	0.7%
12		9	1%
13		1	0.1%
15		47	5.3%
16		8	0.9%
20		58	6.5%
24		3	0.3%
25		5	0.6%
27		1	0.1%
28		1	0.1%
30		16	1.8%
32		1	0.1%
40		10	1.1%
45		1	0.1%
50		13	1.5%
77	Don't know	24	2.7%
90		1	0.1%
99	Don't know	131	14.7%
Sysmiss		1593	

T11E: other smokeless product per day

Data file: btn2007

Overview

Valid: 888 Invalid: 1596

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		235	26.5%
2		1	0.1%
4		1	0.1%
8		1	0.1%
9		89	10%

10		4	0.5%
20		1	0.1%
23		1	0.1%
77	Don't know	5	0.6%
99	Don't know	550	61.9%
Sysmiss		1596	

T11OTHER: specify other smokeless product per day

Data file: btn2007

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

T12: past daily smokeless use

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	883	35.5%
2	No	1427	57.4%
9	Don't know	174	7%

A1: drank alcohol in past 12 mos

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

1	Yes	854	34.4%
2	No	1619	65.2%
9	Don't know	11	0.4%

A2: freq drinking in past 12 mos

Data file: btn2007

Overview

Valid: 852 Invalid: 1632

Type: Discrete Decimal: 0 Width: 26 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Daily	201	23.6%
2	5 -6 days per week	52	6.1%
3	1-4 days per week	259	30.4%
4	1-3 days per month	207	24.3%
5	less than 1 time per month	121	14.2%
9	Don't know	12	1.4%
Sysmiss		1632	

A3: average drinks in one day

Data file: btn2007

Overview

Valid: 854 Invalid: 1630

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		241	28.2%
2		275	32.2%
3		45	5.3%
4		72	8.4%
5		8	0.9%
6		43	5%

7		9	1.1%
8		10	1.2%
9		2	0.2%
10		7	0.8%
11		1	0.1%
12		6	0.7%
14		3	0.4%
15		1	0.1%
16		1	0.1%
77	Don't know	110	12.9%
99	Don't know	20	2.3%
Sysmiss		1630	

A4: drank alcohol in past 30 days

Data file: btn2007

Overview

Valid: 853 Invalid: 1631

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	701	82.2%
2	No	133	15.6%
9	Don't know	19	2.2%
99	Don't know	0	0%
Sysmiss		1631	

A5A: number of drinks consumed last Monday

Data file: btn2007

Overview

Valid: 718 Invalid: 1766

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		83	11.6%
1		91	12.7%
2		103	14.3%
3		11	1.5%
4		20	2.8%
5		3	0.4%
6		16	2.2%
8		3	0.4%
9		2	0.3%
10		3	0.4%
11		2	0.3%
12		1	0.1%
19		1	0.1%
77	Don't know	87	12.1%
99	Don't know	292	40.7%
Sysmiss		1766	

A5B: number of drinks consumed last Tuesday

Data file: btn2007

Overview

Valid: 717 Invalid: 1767

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		86	12%
1		66	9.2%
2		80	11.2%
3		10	1.4%
4		18	2.5%
5		3	0.4%
6		13	1.8%
8		4	0.6%
9		2	0.3%
10		1	0.1%

11		2	0.3%
12		1	0.1%
77	Don't know	86	12%
99	Don't know	345	48.1%
Sysmiss		1767	

A5C: number of drinks consumed last Wednesday

Data file: btn2007

Overview

Valid: 717 Invalid: 1767

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		76	10.6%
1		74	10.3%
2		80	11.2%
3		13	1.8%
4		17	2.4%
5		1	0.1%
6		15	2.1%
7		1	0.1%
8		2	0.3%
9		1	0.1%
10		2	0.3%
11		3	0.4%
12		1	0.1%
14		1	0.1%
20		2	0.3%
77	Don't know	87	12.1%
99	Don't know	341	47.6%
Sysmiss		1767	

A5D: number of drinks consumed last Thursday

Data file: btn2007

Overview

Valid: 717 Invalid: 1767

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		94	13.1%
1		69	9.6%
2		78	10.9%
3		11	1.5%
4		16	2.2%
5		3	0.4%
6		13	1.8%
7		1	0.1%
8		3	0.4%
9		2	0.3%
10		1	0.1%
11		2	0.3%
12		1	0.1%
19		1	0.1%
77	Don't know	89	12.4%
99	Don't know	333	46.4%
Sysmiss		1767	

A5E: number of drinks consumed last Friday**Data file: btn2007****Overview**

Valid: 718 Invalid: 1766

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		77	10.7%
1		71	9.9%
2		84	11.7%

3		12	1.7%
4		20	2.8%
5		5	0.7%
6		17	2.4%
8		3	0.4%
9		1	0.1%
10		1	0.1%
11		3	0.4%
12		1	0.1%
77	Don't know	87	12.1%
99	Don't know	336	46.8%
Sysmiss		1766	

A5F: number of drinks consumed last Saturday

Data file: btn2007

Overview

Valid: 717 Invalid: 1767

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		79	11%
1		70	9.8%
2		93	13%
3		11	1.5%
4		21	2.9%
5		5	0.7%
6		18	2.5%
7		2	0.3%
8		3	0.4%
9		2	0.3%
10		2	0.3%
11		2	0.3%
12		1	0.1%
77	Don't know	86	12%
99	Don't know	322	44.9%

Sysmiss		1767	
---------	--	------	--

A5G: number of drinks consumed last Sunday

Data file: btn2007

Overview

Valid: 718 Invalid: 1766

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		75	10.4%
1		81	11.3%
2		91	12.7%
3		12	1.7%
4		19	2.6%
5		4	0.6%
6		17	2.4%
7		1	0.1%
8		4	0.6%
9		2	0.3%
10		4	0.6%
11		2	0.3%
12		1	0.1%
77	Don't know	87	12.1%
99	Don't know	318	44.3%
Sysmiss		1766	

D1: days fruit eaten per week

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		54	2.2%
1		221	8.9%
2		480	19.3%
3		460	18.5%
4		196	7.9%
5		125	5%
6		54	2.2%
7		518	20.9%
9	Don't know	375	15.1%
77	Don't now	1	0%

D2: servings fruit eaten per day

Data file: btn2007

Overview

Valid: 2469 Invalid: 15

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		53	2.1%
1		918	37.2%
2		627	25.4%
3		299	12.1%
4		83	3.4%
5		34	1.4%
6		34	1.4%
7		85	3.4%
8		16	0.6%
9		7	0.3%
10		9	0.4%
12		1	0%
14		5	0.2%
15		1	0%
17		1	0%
77	Don't know	261	10.6%

99	Don't know	35	1.4%
Sysmiss		15	

D3: days veg eaten per week

Data file: btn2007

Overview

Valid: 2482 Invalid: 2

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0%
1		12	0.5%
2		62	2.5%
3		85	3.4%
4		80	3.2%
5		113	4.6%
6		183	7.4%
7		1837	74%
9	Don't know	109	4.4%
Sysmiss		2	

D4: servings veg eaten per day

Data file: btn2007

Overview

Valid: 2463 Invalid: 21

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		4	0.2%
1		266	10.8%
2		473	19.2%
3		832	33.8%

4		164	6.7%
5		45	1.8%
6		331	13.4%
7		83	3.4%
8		36	1.5%
9		34	1.4%
10		14	0.6%
12		28	1.1%
14		1	0%
77	Don't know	130	5.3%
99	Don't know	22	0.9%
Sysmiss		21	

D5: oil used most often

Data file: btn2007

Overview

Valid: 2478 Invalid: 6

Type: Discrete Decimal: 0 Width: 18 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Vegetable oil	2393	96.6%
2	Animal fat	16	0.6%
3	Butter or ghee	32	1.3%
4	Margarine	8	0.3%
5	Other	8	0.3%
6	None in particular	11	0.4%
7	None used	0	0%
77	Don't know	2	0.1%
99	Don't know	8	0.3%
Sysmiss		6	

D5OTHER: other oil used most often

Data file: btn2007

Overview

Valid: 0 Invalid: 2484

Type: Discrete Decimal: 0 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

P1: vig activity at work**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	251	10.1%
2	No	2230	89.8%
9	Don't know	3	0.1%

P2: vig activity at work: days per week**Data file: btn2007****Overview**

Valid: 238 Invalid: 2246

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		32	13.4%
2		37	15.5%
3		31	13%
4		14	5.9%
5		25	10.5%

6		32	13.4%
7		67	28.2%
Sysmiss		2246	

P3A: vig activity at work: hours per day

Data file: btn2007

Overview

Valid: 229 Invalid: 2255

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		43	18.8%
1		28	12.2%
2		39	17%
3		32	14%
4		12	5.2%
5		10	4.4%
6		26	11.4%
7		6	2.6%
8		33	14.4%
Sysmiss		2255	

P3B: vig activity at work: mins per day

Data file: btn2007

Overview

Valid: 242 Invalid: 2242 Minimum: 0 Maximum: 50 Mean: 7.215 Standard deviation: 14.436

Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

P4: mod activity at work

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	701	28.2%
2	No	1767	71.1%
9	Don't know	16	0.6%

P5: mod activity at work: days per week

Data file: btn2007

Overview

Valid: 689 Invalid: 1795

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		69	10%
2		92	13.4%
3		81	11.8%
4		33	4.8%
5		42	6.1%
6		64	9.3%
7		307	44.6%
Sysmiss		1795	

P6A: mod activity at work: hours per day

Data file: btn2007

Overview

Valid: 669 Invalid: 1815

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		165	24.7%
1		144	21.5%
2		129	19.3%
3		81	12.1%
4		34	5.1%
5		24	3.6%
6		41	6.1%
7		15	2.2%
8		36	5.4%
Sysmiss		1815	

P6B: mod activity at work: mins per day

Data file: btn2007

Overview

Valid: 693 Invalid: 1791 Minimum: 0 Maximum: 50 Mean: 8.229 Standard deviation: 13.656
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

P7: active transport

Data file: btn2007

Overview

Valid: 2484 Invalid: 0
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	901	36.3%
2	No	1566	63%
9	Don't know	17	0.7%

P8: active transport: days per week

Data file: btn2007

Overview

Valid: 888 Invalid: 1596
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		89	10%
2		102	11.5%
3		118	13.3%
4		78	8.8%
5		98	11%
6		95	10.7%
7		308	34.7%
Sysmiss		1596	

P9A: active transport: hours per day

Data file: btn2007

Overview

Valid: 882 Invalid: 1602

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		399	45.2%
1		277	31.4%
2		122	13.8%
3		47	5.3%
4		18	2%
5		6	0.7%
6		4	0.5%
7		5	0.6%
8		4	0.5%
Sysmiss		1602	

P9B: active transport: mins per day

Data file: btn2007

Overview

Valid: 886 Invalid: 1598 Minimum: 0 Maximum: 55 Mean: 14.244 Standard deviation: 15.38
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 55 Format: Numeric

P10: vig leisure activity

Data file: btn2007

Overview

Valid: 2483 Invalid: 1
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	175	7%
2	No	2296	92.5%
9	Don't know	12	0.5%
Sysmiss		1	

P11: vig leisure activity: days per week

Data file: btn2007

Overview

Valid: 169 Invalid: 2315
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		34	20.1%
2		34	20.1%
3		21	12.4%
4		5	3%
5		14	8.3%
6		17	10.1%
7		44	26%
Sysmiss		2315	

P12A: vig leisure activity: hours per day**Data file: btn2007****Overview**

Valid: 169 Invalid: 2315

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		60	35.5%
1		55	32.5%
2		35	20.7%
3		6	3.6%
4		4	2.4%
5		2	1.2%
6		5	3%
7		2	1.2%
Sysmiss		2315	

P12B: vig leisure activity: mins per day**Data file: btn2007****Overview**

Valid: 169 Invalid: 2315 Minimum: 0 Maximum: 50 Mean: 15.325 Standard deviation: 18.193

Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

P13: mod leisure activity**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	337	13.6%
2	No	2146	86.4%

9	Don't know	1	0%
---	------------	---	----

P14: mod leisure activity: days per week

Data file: btn2007

Overview

Valid: 329 Invalid: 2155

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		85	25.8%
2		42	12.8%
3		34	10.3%
4		20	6.1%
5		23	7%
6		10	3%
7		115	35%
Sysmiss		2155	

P15A: mod leisure activity: hours per day

Data file: btn2007

Overview

Valid: 328 Invalid: 2156

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		74	22.6%
1		82	25%
2		70	21.3%
3		42	12.8%
4		11	3.4%
5		6	1.8%
6		27	8.2%

7		2	0.6%
8		14	4.3%
Sysmiss		2156	

P15B: mod leisure activity: mins per day

Data file: btn2007

Overview

Valid: 331 Invalid: 2153 Minimum: 0 Maximum: 50 Mean: 9.607 Standard deviation: 15.166
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

P16A: sedentary time: hours per day

Data file: btn2007

Overview

Valid: 2476 Invalid: 8
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		185	7.5%
1		455	18.4%
2		600	24.2%
3		403	16.3%
4		266	10.7%
5		128	5.2%
6		163	6.6%
7		37	1.5%
8		108	4.4%
9		15	0.6%
10		12	0.5%
11		3	0.1%
12		27	1.1%
99	Don't know	74	3%
Sysmiss		8	

P16B: sedentary time: mins per day**Data file: btn2007****Overview**

Valid: 2482 Invalid: 2

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1935	78%
1		1	0%
2		4	0.2%
3		1	0%
5		1	0%
6		1	0%
7		1	0%
10		9	0.4%
11		5	0.2%
12		2	0.1%
15		11	0.4%
20		11	0.4%
21		1	0%
22		13	0.5%
30		395	15.9%
32		2	0.1%
40		6	0.2%
45		2	0.1%
50		10	0.4%
53		1	0%
99	Don't know	70	2.8%
Sysmiss		2	

H1: BP last measured**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 23 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	within past 12 months	1353	54.5%
2	1-5 years ago	516	20.8%
3	not within past 5 years	607	24.4%
9	don't know	8	0.3%

H2: told had high BP in past 12 mos

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	532	21.4%
2	No	1946	78.3%
9	Don't know	6	0.2%

H3A: currently receiving for high BP: drugs

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	305	12.3%
2	No	2171	87.4%
9	Don't know	8	0.3%

H3B: currently receiving for high BP: advice to reduce salt intake**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	370	14.9%
2	No	2105	84.7%
9	Don't know	9	0.4%

H3C: currently receiving for high BP: advice/treatment to lose weight**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	206	8.3%
2	No	2268	91.3%
9	Don't know	10	0.4%

H3D: currently receiving for high BP: advice/treatment to stop smoking**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	98	3.9%

2	No	2368	95.3%
9	Don't know	18	0.7%

H3E: currently receiving for high BP: advice/treatment to exercise more

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	180	7.2%
2	No	2292	92.3%
9	Don't know	12	0.5%

H4: seen trad'l healer for high BP in past 12 mos

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	32	1.3%
2	No	2441	98.3%
9	Don't know	11	0.4%

H5: taking trad'l meds for high BP

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	18	0.7%
2	No	2457	98.9%
9	Don't know	9	0.4%

H6: gluc measured in past 12 mos

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	229	9.2%
2	No	2249	90.5%
9	Don't know	6	0.2%

H7: told had high gluc in past 12 mos

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	85	3.4%
2	No	2392	96.3%
9	Don't know	7	0.3%

H8A: currently receiving for high gluc: insulin**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	16	0.6%
2	No	2458	99%
9	Don't know	10	0.4%

H8B: currently receiving for high gluc: drugs**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	63	2.5%
2	No	2411	97.1%
9	Don't know	10	0.4%

H8C: currently receiving for high gluc: special diet**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	67	2.7%

2	No	2407	96.9%
9	Don't know	10	0.4%

H8D: currently receiving for high gluc: advice/treatment to lose weight

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	50	2%
2	No	2424	97.6%
9	Don't know	10	0.4%

H8E: currently receiving for high gluc: advice/treatment to stop smoking

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	20	0.8%
2	No	2449	98.6%
9	Don't know	15	0.6%

H8F: currently receiving for high gluc: advice/treatment to exercise more

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	51	2.1%
2	No	2424	97.6%
9	Don't know	9	0.4%

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

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	0.3%
2	No	2468	99.4%
9	Don't know	9	0.4%

H10: taking trad'l meds for high gluc

Data file: btn2007

Overview

Valid: 2484 Invalid: 0

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	6	0.2%
2	No	2469	99.4%
9	Don't know	9	0.4%

M1: interviewer ID**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 1 Maximum: 999 Mean: 41.644 Standard deviation: 157.815
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 999 Format: Numeric

M2A: device ID (height)**Data file: btn2007****Overview**

Valid: 2482 Invalid: 2 Minimum: 1 Maximum: 99 Mean: 4.497 Standard deviation: 16.358
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 99 Format: Numeric

M2B: device ID (weight)**Data file: btn2007****Overview**

Valid: 2483 Invalid: 1 Minimum: 1 Maximum: 99 Mean: 4.769 Standard deviation: 17.1
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 99 Format: Numeric

M3: height (cm)**Data file: btn2007****Overview**

Valid: 2483 Invalid: 1 Minimum: 123.5 Maximum: 999.9 Mean: 163.265 Standard deviation: 67.919
 Type: Continuous Decimal: 0 Width: 9 Range: 123.5 - 999.900024414062 Format: Numeric

M4: weight (kg)**Data file: btn2007****Overview**

Valid: 2483 Invalid: 1 Minimum: 28 Maximum: 999.9 Mean: 70.762 Standard deviation: 78.707
 Type: Continuous Decimal: 0 Width: 9 Range: 28 - 999.900024414062 Format: Numeric

M5: pregnant**Data file: btn2007****Overview**

Valid: 1345 Invalid: 1139
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	17	1.3%
2	No	982	73%
9	Don't know	346	25.7%
Sysmiss		1139	

M6: device ID (waist)

Data file: btn2007

Overview

Valid: 2456 Invalid: 28 Minimum: 1 Maximum: 999 Mean: 10.152 Standard deviation: 38.17
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 999 Format: Numeric

M7: waist circumference (cm)

Data file: btn2007

Overview

Valid: 2456 Invalid: 28 Minimum: 42 Maximum: 999.9 Mean: 89.419 Standard deviation: 72.193
 Type: Continuous Decimal: 0 Width: 9 Range: 42 - 999.900024414062 Format: Numeric

M8: BP interviewer ID

Data file: btn2007

Overview

Valid: 2480 Invalid: 4 Minimum: 1 Maximum: 999 Mean: 49.704 Standard deviation: 181.536
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 999 Format: Numeric

M9: device ID (blood pressure)

Data file: btn2007

Overview

Valid: 2479 Invalid: 5 Minimum: 1 Maximum: 99 Mean: 8.716 Standard deviation: 18.428
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 99 Format: Numeric

M10: cuff size

Data file: btn2007

Overview

Valid: 2390 Invalid: 94

Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small	9	0.4%
2	medium	1645	68.8%
3	large	736	30.8%
9	don't know	0	0%
Sysmiss		94	

M11A: BP reading 1: systolic**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 69 Maximum: 999 Mean: 135.52 Standard deviation: 54.447

Type: Continuous Decimal: 0 Width: 8 Range: 69 - 999 Format: Numeric

M11B: BP reading 1: diastolic**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 35 Maximum: 999 Mean: 86.651 Standard deviation: 53.702

Type: Continuous Decimal: 0 Width: 8 Range: 35 - 999 Format: Numeric

M12A: BP reading 2: systolic**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 47 Maximum: 999 Mean: 133.042 Standard deviation: 62.105

Type: Continuous Decimal: 0 Width: 8 Range: 47 - 999 Format: Numeric

M12B: BP reading 2: diastolic**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 39 Maximum: 999 Mean: 85.052 Standard deviation: 59.641

Type: Continuous Decimal: 0 Width: 8 Range: 39 - 999 Format: Numeric

M13A: BP reading 3: systolic**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 71 Maximum: 999 Mean: 141.879 Standard deviation: 113.234
 Type: Continuous Decimal: 0 Width: 8 Range: 71 - 999 Format: Numeric

M13B: BP reading 3: diastolic**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 30 Maximum: 999 Mean: 96.356 Standard deviation: 120.592
 Type: Continuous Decimal: 0 Width: 8 Range: 30 - 999 Format: Numeric

M14: took raised BP meds in past 2 weeks**Data file: btn2007****Overview**

Valid: 2479 Invalid: 5
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	168	6.8%
2	No	1924	77.6%
8	Don't know	1	0%
9	Don't know	386	15.6%
Sysmiss		5	

M15: hip circumference (cm)**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 46 Maximum: 999.9 Mean: 97.8 Standard deviation: 57.659
 Type: Continuous Decimal: 0 Width: 9 Range: 46 - 999.900024414062 Format: Numeric

M16A: heart rate reading 1 (beats per minute)**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 44 Maximum: 999 Mean: 80.647 Standard deviation: 62.591
 Type: Continuous Decimal: 0 Width: 8 Range: 44 - 999 Format: Numeric

M16B: heart rate reading 2 (beats per minute)**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 41 Maximum: 999 Mean: 81.946 Standard deviation: 72.017
 Type: Continuous Decimal: 0 Width: 8 Range: 41 - 999 Format: Numeric

M16C: heart rate reading 3 (beats per minute)**Data file: btn2007****Overview**

Valid: 2479 Invalid: 5 Minimum: 32 Maximum: 999 Mean: 97.376 Standard deviation: 141.321
 Type: Continuous Decimal: 0 Width: 8 Range: 32 - 999 Format: Numeric

B1: ate/drank in past 8 hours (fasting status)**Data file: btn2007****Overview**

Valid: 2479 Invalid: 5
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	6	0.2%
2	No	1733	69.9%
7	Don't know	4	0.2%
9	Don't know	736	29.7%
Sysmiss		5	

B2: technician ID**Data file: btn2007**

Overview

Valid: 2478 Invalid: 6 Minimum: 2 Maximum: 999 Mean: 106.679 Standard deviation: 74.23
 Type: Continuous Decimal: 0 Width: 8 Range: 2 - 999 Format: Numeric

B4: time blood sample taken

Data file: btn2007

Overview

Valid: 2468 Invalid: 16 Minimum: 0.07 Maximum: 99.99 Mean: 7.511 Standard deviation: 6.523
 Type: Continuous Decimal: 0 Width: 9 Range: 0.0700000002980232 - 99.9899978637695 Format: Numeric

B5: fasting blood glucose (mg/dl)

Data file: btn2007

Overview

Valid: 2468 Invalid: 16 Minimum: 5 Maximum: 999 Mean: 116.464 Standard deviation: 84.447
 Type: Continuous Decimal: 0 Width: 8 Range: 5 - 999 Format: Numeric

X10: time start glucose intake

Data file: btn2007

Overview

Valid: 2480 Invalid: 4 Minimum: 1 Maximum: 99.99 Mean: 7.567 Standard deviation: 6.494
 Type: Continuous Decimal: 0 Width: 9 Range: 1 - 99.9899978637695 Format: Numeric

X11: time post glucose challenge

Data file: btn2007

Overview

Valid: 2479 Invalid: 5 Minimum: 0.92 Maximum: 99.99 Mean: 10.261 Standard deviation: 10.139
 Type: Continuous Decimal: 0 Width: 9 Range: 0.9200000166893 - 99.9899978637695 Format: Numeric

X12: blood glucose 2 hours after glucose load (mg/dl)

Data file: btn2007

Overview

Valid: 2480 Invalid: 4 Minimum: 1 Maximum: 999 Mean: 112.231 Standard deviation: 98.679
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 999 Format: Numeric

B7: total cholesterol (mg/dl)**Data file: btn2007****Overview**

Valid: 2480 Invalid: 4 Minimum: 6 Maximum: 999 Mean: 193.324 Standard deviation: 74.481
 Type: Continuous Decimal: 0 Width: 8 Range: 6 - 999 Format: Numeric

B8: triglycerides (mg/dl)**Data file: btn2007****Overview**

Valid: 2472 Invalid: 12 Minimum: 6 Maximum: 999 Mean: 138.625 Standard deviation: 111.584
 Type: Continuous Decimal: 0 Width: 8 Range: 6 - 999 Format: Numeric

B9: HDL cholesterol (mg/dl)**Data file: btn2007****Overview**

Valid: 2308 Invalid: 176 Minimum: 5 Maximum: 999 Mean: 58.046 Standard deviation: 76.908
 Type: Continuous Decimal: 0 Width: 8 Range: 5 - 999 Format: Numeric

AGERANGE: ageranges for which survey was designed**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
25-34		552	22.2%
35-44		548	22.1%
45-54		563	22.7%
55-64		456	18.4%
65-74		365	14.7%

STRATUM: stratum**Data file: btn2007**

Overview

Valid: 2484 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2484	100%

PSU: psu**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 1 Maximum: 2495 Mean: 1249.759 Standard deviation: 719.149
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 2495 Format: Numeric

WSTEP1: final analysis weight for step 1 (interview) - pop adjusted only**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 0.38 Maximum: 2.032 Mean: 1 Standard deviation: 0.484
 Type: Continuous Decimal: 0 Width: 9 Range: 0.380496621131897 - 2.0319938659668 Format: Numeric

WSTEP2: final analysis weight for step 2 (physical measures) - pop adjusted only**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 0.38 Maximum: 2.032 Mean: 1 Standard deviation: 0.484
 Type: Continuous Decimal: 0 Width: 9 Range: 0.380496621131897 - 2.0319938659668 Format: Numeric

WSTEP3: final analysis weight for step 3 (biochemical measures) - pop adjusted only**Data file: btn2007****Overview**

Valid: 2484 Invalid: 0 Minimum: 0.38 Maximum: 2.032 Mean: 1 Standard deviation: 0.484
 Type: Continuous Decimal: 0 Width: 9 Range: 0.380496621131897 - 2.0319938659668 Format: Numeric

study_resources

questionnaires

Questionnaire

title Questionnaire
country Bhutan
filename STEPS_Bhutan_2007_Questionnaire.pdf

reports

Fact Sheet

title Fact Sheet
country Bhutan
filename STEPS_Bhutan_2007_FactSheet.pdf

STEPS Bhutan 2007 Report

title STEPS Bhutan 2007 Report
country Bhutan
filename STEPS_Bhutan_2007_Report.pdf

technical_documents

Generic STEPS Questionnaire (version 2.0)

title Generic STEPS Questionnaire (version 2.0)
filename STEPS_Instrument_v2_0.pdf
