

STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2007

Ministry of Health

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

Identification

SURVEY ID NUMBER
BEN_2007_STEPS_v01_M

TITLE
STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2007

SUBTITLE
Cotonou

COUNTRY

Name	Country code
Benin	BEN

STUDY TYPE
STEPS

SERIES INFORMATION

This is the first STEPS conducted by Benin.

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, history of raised blood pressure, history of cardiovascular diseases. Additionally, the following measures were taken: blood pressure, height, weight, waist circumference, hip circumference, heart rate, fasting blood glucose and total cholesterol. Finally, the following optional modules were included: oral health.

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
cardiovascular disease
blood glucose
cholesterol
oral health

Coverage

GEOGRAPHIC COVERAGE

Subnational coverage: Cotonou

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 Cotonou. See p. 7 of the report for more details.

WEIGHTING

Analysis weights are not available.

data_collection

DATES OF DATA COLLECTION

Start	End
2007-08	2007-09

DATA COLLECTION MODE
Face-to-face [f2f]

DATA COLLECTION NOTES
Accutrend GCT was used for blood glucose and cholesterol 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_BEN_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
2020-03-29

DDI DOCUMENT VERSION

Identical to a metadata (BEN_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
ben2007 National public-use dataset	2522	142

Data file: ben2007

National public-use dataset

Cases: 2522

variables: 142

variables

ID	Name	Label	Question
V149	pid	participant ID - unique record ID	
V155	i8	interview language	
V157	age	age for analysis	
V158	sex	sex	
V159	c4	yrs of education	
V160	c5	ethnic group	
V161	c6	highest level of education	
V162	c7	work status	
V163	c8	adults older than 18yrs in household	
V164	c9a	average earnings of household per week	
V165	c9b	average earnings of household per month	
V166	c9c	average earnings of household per year	
V167	c9d	average earnings refused to disclose	
V168	c10	estimate of annual household income	
V169	t1	current smoking	
V170	t2	current daily smoking	
V171	t3	age started smoking	
V172	t4a	time since started smoking (years)	
V173	t4b	time since started smoking (months)	
V174	t4c	time since started smoking (weeks)	
V175	t5a	manufactured cigs smoked per day	
V176	t5b	hand-rolled cigs smoked per day	
V177	t5c	pipes smoked per day	
V178	t5d	cigars smoked per day	
V179	t5e	other smoked per day	
V180	t5other	specify other product smoked	
V181	t6	past daily smoking	
V182	t7	age quit smoking	
V183	t8a	time since quitting smoking (years)	
V184	t8b	time since quitting smoking (months)	
V185	t8c	time since quitting smoking (weeks)	
V186	t9	current smokeless tobacco use	
V187	t10	current daily smokeless tobacco use	
V188	t11a	Snuff, by mouth times per day	
V189	t11b	Snuff, by nose times per day	
V190	t11c	Chewing tobacco times per day	
V191	t11e	other smokeless product per day	

ID	Name	Label	Question
V192	t11other	specify other smokeless product per day	
V193	t12	past daily smokeless use	
V194	a1	drank alcohol in past 12 mos	
V195	a2	freq drinking in past 12 mos	
V196	a3	average number drinks per day	
V197	a4	drank alcohol in past 30 days	
V198	a5a	number of drinks consumed last Monday	
V199	a5b	number of drinks consumed last Tuesday	
V200	a5c	number of drinks consumed last Wednesday	
V201	a5d	number of drinks consumed last Thursday	
V202	a5e	number of drinks consumed last Friday	
V203	a5f	number of drinks consumed last Saturday	
V204	a5g	number of drinks consumed last Sunday	
V205	a6	average number drinks per occasion past 12 months	
V206	a7	times drank 5+ (men) drinks in single occasion past 12 months	
V207	a8	times drank 4+ (women) drinks in single occasion past 12 months	
V208	d1	days fruit eaten per week	
V209	d2	servings fruit eaten per day	
V210	d3	days veg eaten per week	
V211	d4	servings veg eaten per day	
V212	d5	oil used most often	
V213	d5other	other type of oil most often used	
V214	p1	vig activity at work	
V215	p2	vig activity at work: days per week	
V216	p3a	vig activity at work: hours per day	
V217	p3b	vig activity at work: mins per day	
V218	p4	mod activity at work	
V219	p5	mod activity at work: days per week	
V220	p6a	mod activity at work: hours per day	
V221	p6b	mod activity at work: mins per day	
V222	p7	active transport	
V223	p8	active transport: days per week	
V224	p9a	active transport: hours per day	
V225	p9b	active transport: mins per day	
V226	p10	vig leisure activity	
V227	p11	vig leisure activity: days per week	
V228	p12a	vig leisure activity: hours per day	
V229	p12b	vig leisure activity: mins per day	
V230	p13	mod leisure activity	
V231	p14	mod leisure activity: days per week	
V232	p15a	mod leisure activity: hours per day	
V233	p15b	mod leisure activity: mins per day	
V234	p16a	sedentary time: hours per day	
V235	p16b	sedentary time: mins per day	
V236	h1	BP measured	

ID	Name	Label	Question
V237	h2	told had high BP in past 12 mos	
V238	h3a	currently receiving for high BP: drugs	
V239	h3b	currently receiving for high BP: advice to reduce salt intake	
V240	h3c	currently receiving for high BP: advice/treatment to lose weight	
V241	h3d	currently receiving for high BP: advice/treatment to stop smoking	
V242	h3e	currently receiving for high BP: advice/treatment to exercise more	
V243	h4	seen trad'l healer for high BP in past 12 mos	
V244	h5	taking trad'l meds for high BP	
V245	h6	gluc measured in past 12 mos	
V246	h7	told had high gluc in past 12 mos	
V247	h8a	currently receiving for high gluc: insulin	
V248	h8b	currently receiving for high gluc: drugs	
V249	h8c	currently receiving for high gluc: special diet	
V250	h8d	currently receiving for high gluc: advice/treatment to lose weight	
V251	h8e	currently receiving for high gluc: advice/treatment to stop smoking	
V252	h8f	currently receiving for high gluc: advice/treatment to exercise more	
V253	h9	seen trad'l healer for high gluc in past 12 mos	
V254	h10	taking trad'l meds for high gluc	
V255	x1	had stroke	
V256	x2	had TIA	
V257	x3	had sudden weakness	
V258	x4	had sudden numbness	
V259	x5	sudden loss of vision in one or both eyes	
V260	x6	sudden loss of half of vision	
V261	x7	sudden loss of ability to speak/write	
V262	x8	sudden loss of ability to understand	
V263	x9	method of cleaning teeth	
V264	x10	often clean teeth	
V265	x11	often eat in a day	
V266	x12	uncap bottles with teeth	
V267	x13	spontaneous/ provoked gum bleeding	
V268	x14	dental problem treatment	
V269	m1	interviewer ID	
V270	m2a	device ID (height)	
V271	m2b	device ID (weight)	
V272	m3	height (cm)	
V273	m4	weight (kg)	
V274	m5	pregnant	
V275	m6	device ID (waist)	
V276	m7	waist circumference (cm)	
V277	m9	device ID (blood pressure)	
V278	m10	cuff size	
V279	m11a	BP reading 1: systolic	
V280	m11b	BP reading 1: diastolic	
V281	m12a	BP reading 2: systolic	

ID	Name	Label	Question
V282	m12b	BP reading 2: diastolic	
V283	m13a	BP reading 3: systolic	
V284	m13b	BP reading 3: diastolic	
V285	m14	took raised BP meds in past 2 weeks	
V286	m15	hip circumference (cm)	
V287	m16a	heart rate reading 1 (beats per minute)	
V288	m16b	heart rate reading 2 (beats per minute)	
V289	m16c	heart rate reading 3 (beats per minute)	
V290	b1	ate/drank in past 12 hours (fasting status)	
V291	b3	gluc device ID	
V292	b4	time blood sample taken	
V293	b5	fasting blood glucose (mmol/l)	
V294	b6	chol device ID	
V295	b7	total cholesterol (mmol/l)	
V296	agerange	ageranges for which survey was designed	

total: 142

PID: participant ID - unique record ID**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0 Minimum: 1 Maximum: 2530 Mean: 1266.617 Standard deviation: 730.843
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 2530 Format: Numeric

I8: interview language**Data file:** ben2007**Overview**

Valid: 2517 Invalid: 5
 Type: Discrete Decimal: 0 Width: 9 Range: 1 - 5 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Francais	675	26.8%
2	fon	1835	72.9%
3	Yorouba	4	0.2%
4	Dendi	3	0.1%
5	Bariba	0	0%
Sysmiss		5	

AGE: age for analysis**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0 Minimum: 25 Maximum: 64 Mean: 39.332 Standard deviation: 11.633
 Type: Continuous Decimal: 0 Width: 8 Range: 25 - 64 Format: Numeric

SEX: sex**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions**CATEGORIES**

Value	Category	Cases	
Men		955	37.9%
Women		1567	62.1%

C4: yrs of education

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
Type: Discrete Decimal: 0 Width: 10 Range: 0 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		730	28.9%
1		17	0.7%
2		57	2.3%
3		125	5%
4		116	4.6%
5		141	5.6%
6		290	11.5%
7		144	5.7%
8		99	3.9%
9		116	4.6%
10		151	6%
11		74	2.9%
12		81	3.2%
13		100	4%
14		57	2.3%
15		70	2.8%
16		41	1.6%
17		44	1.7%
18		28	1.1%
19		13	0.5%
20		9	0.4%
21		6	0.2%
22		6	0.2%
23		1	0%

24		2	0.1%
25		1	0%
26		2	0.1%
77	Don't know	1	0%

C5: ethnic group

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 21 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Adja et apparentÃ©s	395	15.7%
2	Fon et apparentÃ©s	1630	64.6%
3	Bariba et apparentÃ©s	40	1.6%
4	Dendi et apparentÃ©s	69	2.7%
5	Yom et apparentÃ©s	11	0.4%
6	Peulh	10	0.4%
7	Otamari	8	0.3%
8	Yorouba	279	11.1%
9	Africain de lâ€™ ouest	55	2.2%
10	Autre africain	23	0.9%
11	Non africain	0	0%
88	Refuse	2	0.1%

C6: highest level of education

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 34 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	Aucune instruction officielle	827	32.8%
2	Moins que lâ€™Ã©cole primaire	662	26.2%
3	Fin de lâ€™Ã©cole primaire	528	20.9%
4	Fin du secondaire niveau 1	236	9.4%
5	Fin du secondaire niveau 2	128	5.1%
6	Ecole supÃ©rieure, UniversitÃ©	106	4.2%
7	DiplÃ©me post-universitaire Obtenu	35	1.4%
88	Refuse	0	0%

C7: work status

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
Type: Discrete Decimal: 0 Width: 26 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	EmployÃ©(e) de lâ€™Ã©tat	83	3.3%
2	EmployÃ©(e) dans le privÃ©	202	8%
3	IndÃ©pendant(e)	1417	56.2%
4	Apprenti(e)	40	1.6%
5	ElÃ¨ve ou Ã‰tudiant(e)	54	2.1%
6	Femme au foyer	232	9.2%
7	RetraitÃ©(e)	89	3.5%
8	ChÃ¢teur(se)	45	1.8%
9	Autres (prÃ©ciser)	360	14.3%
88	Refuse	0	0%

C8: adults older than 18yrs in household

Data file: ben2007

Overview

Valid: 2522 Invalid: 0 Minimum: 1 Maximum: 40 Mean: 2.269 Standard deviation: 1.415
Type: Continuous Decimal: 0 Width: 8 Range: 1 - 40 Format: Numeric

C9A: average earnings of household per week**Data file:** ben2007**Overview**

Valid: 671 Invalid: 1851
 Type: Discrete Decimal: 0 Width: 12 Range: 0 - 7777777 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
0		1	0.1%
1		1	0.1%
200		3	0.4%
500		11	1.6%
600		1	0.1%
700		1	0.1%
800		1	0.1%
1000		22	3.3%
1500		11	1.6%
1800		1	0.1%
2000		54	8%
2100		1	0.1%
2400		1	0.1%
2500		15	2.2%
3000		35	5.2%
3500		11	1.6%
4000		15	2.2%
5000		131	19.5%
5600		1	0.1%
6000		10	1.5%
6500		2	0.3%
7000		34	5.1%
7500		4	0.6%
8000		19	2.8%
8200		1	0.1%
10000		93	13.9%
12000		17	2.5%
13500		1	0.1%
14000		6	0.9%
15000		38	5.7%

16200		1	0.1%
17000		1	0.1%
18000		5	0.7%
20000		20	3%
21000		2	0.3%
25000		18	2.7%
27000		1	0.1%
27500		2	0.3%
28000		1	0.1%
30000		18	2.7%
31000		1	0.1%
33500		1	0.1%
35000		7	1%
37000		1	0.1%
38000		1	0.1%
40000		7	1%
45000		3	0.4%
50000		11	1.6%
55000		1	0.1%
60000		3	0.4%
66000		1	0.1%
70000		6	0.9%
75000		6	0.9%
80000		3	0.4%
100000		1	0.1%
120000		1	0.1%
150000		2	0.3%
200000		1	0.1%
270000		1	0.1%
300000		1	0.1%
7777777	Don't know	1	0.1%
Sysmiss		1851	

C9B: average earnings of household per month

Data file: ben2007

Overview

Valid: 787 Invalid: 1735 Minimum: 500 Maximum: 800000 Mean: 52083.874 Standard deviation: 59387.66

Type: Continuous Decimal: 0 Width: 12 Range: 500 - 800000 Format: Numeric

C9C: average earnings of household per year

Data file: ben2007

Overview

Valid: 10 Invalid: 2512 Minimum: 10 Maximum: 1000000 Mean: 238426 Standard deviation: 301707.085
 Type: Continuous Decimal: 0 Width: 12 Range: 10 - 1000000 Format: Numeric

C9D: average earnings refused to disclose

Data file: ben2007

Overview

Valid: 384 Invalid: 2138
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		3	0.8%
2		2	0.5%
88	Refuse	379	98.7%
Sysmiss		2138	

C10: estimate of annual household income

Data file: ben2007

Overview

Valid: 999 Invalid: 1523
 Type: Discrete Decimal: 0 Width: 17 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<=27500	293	29.3%
2	27500 - 50000	60	6%
3	50000 â€“ 100000	19	1.9%
4	100000 â€“ 200000	8	0.8%
5	200000 â€“ 250000	6	0.6%

6	250000 à€“ 300000	7	0.7%
7	300000 à€“ 400000	0	0%
8	400000 à€“ 500000	1	0.1%
9	>500000	16	1.6%
10	Ne sait pas	520	52.1%
88	Refuse	69	6.9%
Sysmiss		1523	

T1: current smoking

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	97	3.8%
2	No	2425	96.2%

T2: current daily smoking

Data file: ben2007

Overview

Valid: 97 Invalid: 2425
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	65	67%
2	No	32	33%
Sysmiss		2425	

T3: age started smoking

Data file: ben2007

Overview

Valid: 65 Invalid: 2457
 Type: Discrete Decimal: 0 Width: 10 Range: 10 - 777 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
10		1	1.5%
13		1	1.5%
14		2	3.1%
16		1	1.5%
17		1	1.5%
18		3	4.6%
19		5	7.7%
20		10	15.4%
22		7	10.8%
23		1	1.5%
24		2	3.1%
25		6	9.2%
26		3	4.6%
28		1	1.5%
29		1	1.5%
30		4	6.2%
32		2	3.1%
36		1	1.5%
45		1	1.5%
55		1	1.5%
777	Don't know	11	16.9%
Sysmiss		2457	

T4A: time since started smoking (years)

Data file: ben2007

Overview

Valid: 11 Invalid: 2511
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	9.1%
3		1	9.1%
5		2	18.2%
10		1	9.1%
12		1	9.1%
13		1	9.1%
17		1	9.1%
20		2	18.2%
21		1	9.1%
Sysmiss		2511	

T4B: time since started smoking (months)**Data file:** ben2007**Overview**

Valid: 0 Invalid: 2522
 Type: Discrete Decimal: 0 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

T4C: time since started smoking (weeks)**Data file:** ben2007**Overview**

Valid: 0 Invalid: 2522
 Type: Discrete Decimal: 0 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

T5A: manufactured cigs smoked per day**Data file:** ben2007**Overview**

Valid: 64 Invalid: 2458
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 777 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
0		1	1.6%
1		6	9.4%
2		14	21.9%
3		8	12.5%
4		7	10.9%
5		7	10.9%
6		4	6.3%
7		1	1.6%
8		3	4.7%
9		1	1.6%
10		9	14.1%
12		1	1.6%
20		1	1.6%
777	Don't know	1	1.6%
Sysmiss		2458	

T5B: hand-rolled cigs smoked per day**Data file:** ben2007**Overview**

Valid: 61 Invalid: 2461
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 777 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
0		60	98.4%
777	Don't know	1	1.6%
Sysmiss		2461	

T5C: pipes smoked per day

Data file: ben2007

Overview

Valid: 62 Invalid: 2460
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 777 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		60	96.8%
1		1	1.6%
777	Don't know	1	1.6%
Sysmiss		2460	

T5D: cigars smoked per day

Data file: ben2007

Overview

Valid: 61 Invalid: 2461
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 777 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		60	98.4%
777	Don't know	1	1.6%
Sysmiss		2461	

T5E: other smoked per day

Data file: ben2007

Overview

Valid: 55 Invalid: 2467
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 777 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		54	98.2%
777	Don't know	1	1.8%
Sysmiss		2467	

T5OTHER: specify other product smoked

Data file: ben2007

Overview

Valid: 0 Invalid: 0

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

T6: past daily smoking

Data file: ben2007

Overview

Valid: 2522 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	73	2.9%
2	No	2449	97.1%

T7: age quit smoking

Data file: ben2007

Overview

Valid: 73 Invalid: 2449

Type: Discrete Decimal: 0 Width: 10 Range: 12 - 777 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

12		1	1.4%
13		1	1.4%
15		2	2.7%
16		1	1.4%
17		2	2.7%
18		2	2.7%
20		4	5.5%
21		2	2.7%
22		3	4.1%
23		3	4.1%
24		3	4.1%
25		2	2.7%
26		2	2.7%
27		2	2.7%
28		3	4.1%
29		1	1.4%
30		7	9.6%
31		1	1.4%
32		2	2.7%
33		2	2.7%
35		3	4.1%
36		1	1.4%
38		2	2.7%
39		1	1.4%
45		1	1.4%
46		1	1.4%
47		1	1.4%
52		1	1.4%
56		1	1.4%
58		1	1.4%
777	Don't know	14	19.2%
Sysmiss		2449	

T8A: time since quitting smoking (years)

Data file: ben2007

Overview

Valid: 10 Invalid: 2512 Minimum: 1 Maximum: 40 Mean: 17.1 Standard deviation: 16.367
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 40 Format: Numeric

T8B: time since quitting smoking (months)**Data file:** ben2007**Overview**

Valid: 1 Invalid: 2521
 Type: Discrete Decimal: 0 Width: 8 Range: 3 - 3 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
3		1	100%
Sysmiss		2521	

T8C: time since quitting smoking (weeks)**Data file:** ben2007**Overview**

Valid: 0 Invalid: 2522
 Type: Discrete Decimal: 0 Width: 8 Range: - Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category
Sysmiss	

T9: current smokeless tobacco use**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	18	0.7%
2	No	2504	99.3%

T10: current daily smokeless tobacco use**Data file:** ben2007**Overview**

Valid: 18 Invalid: 2504
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	5	27.8%
2	No	13	72.2%
Sysmiss		2504	

T11A: Snuff, by mouth times per day**Data file:** ben2007**Overview**

Valid: 6 Invalid: 2516
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 4 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
0		3	50%
1		1	16.7%
3		1	16.7%
4		1	16.7%
Sysmiss		2516	

T11B: Snuff, by nose times per day**Data file:** ben2007**Overview**

Valid: 4 Invalid: 2518
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3	75%
2		1	25%
Sysmiss		2518	

T11C: Chewing tobacco times per day

Data file: ben2007

Overview

Valid: 3 Invalid: 2519
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		2	66.7%
1		1	33.3%
Sysmiss		2519	

T11E: other smokeless product per day

Data file: ben2007

Overview

Valid: 1 Invalid: 2521
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 0 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	100%
Sysmiss		2521	

T11OTHER: specify other smokeless product per day

Data file: ben2007

Overview

Valid: 0 Invalid: 0
 Type: Discrete Width: 1 Range: - Format: character

T12: past daily smokeless use

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	10	0.4%
2	No	2512	99.6%

A1: drank alcohol in past 12 mos

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1414	56.1%
2	No	1108	43.9%

A2: freq drinking in past 12 mos

Data file: ben2007

Overview

Valid: 1414 Invalid: 1108
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Daily	34	2.4%
2	5-6 days per week	75	5.3%
3	1-4 days per week	227	16.1%
4	1-3 days per month	496	35.1%
5	Less than once a month	582	41.2%
Sysmiss		1108	

A3: average number drinks per day**Data file:** ben2007**Overview**

Valid: 1414 Invalid: 1108
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		622	44%
2		395	27.9%
3		171	12.1%
4		83	5.9%
5		10	0.7%
6		47	3.3%
7		3	0.2%
8		10	0.7%
9		2	0.1%
10		9	0.6%
12		4	0.3%
15		1	0.1%
18		1	0.1%
20		2	0.1%
30		1	0.1%
77	Don't know	53	3.7%
Sysmiss		1108	

A4: drank alcohol in past 30 days**Data file:** ben2007**Overview**

Valid: 1414 Invalid: 1108
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	930	65.8%
2	No	484	34.2%
Sysmiss		1108	

A5A: number of drinks consumed last Monday**Data file:** ben2007**Overview**

Valid: 916 Invalid: 1606
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		773	84.4%
1		73	8%
2		36	3.9%
3		18	2%
4		5	0.5%
5		2	0.2%
6		6	0.7%
7		1	0.1%
8		1	0.1%
12		1	0.1%
Sysmiss		1606	

A5B: number of drinks consumed last Tuesday**Data file:** ben2007

Overview

Valid: 917 Invalid: 1605
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		763	83.2%
1		66	7.2%
2		52	5.7%
3		19	2.1%
4		9	1%
5		1	0.1%
6		4	0.4%
7		1	0.1%
8		1	0.1%
12		1	0.1%
Sysmiss		1605	

A5C: number of drinks consumed last Wednesday

Data file: ben2007

Overview

Valid: 918 Invalid: 1604
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		755	82.2%
1		83	9%
2		44	4.8%
3		21	2.3%
4		5	0.5%
5		2	0.2%
6		3	0.3%
7		2	0.2%
8		2	0.2%

12		1	0.1%
Sysmiss		1604	

A5D: number of drinks consumed last Thursday**Data file:** ben2007**Overview**

Valid: 917 Invalid: 1605
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		748	81.6%
1		76	8.3%
2		42	4.6%
3		30	3.3%
4		6	0.7%
5		1	0.1%
6		11	1.2%
7		1	0.1%
8		1	0.1%
12		1	0.1%
Sysmiss		1605	

A5E: number of drinks consumed last Friday**Data file:** ben2007**Overview**

Valid: 917 Invalid: 1605
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		725	79.1%
1		87	9.5%
2		53	5.8%

3		27	2.9%
4		8	0.9%
5		2	0.2%
6		9	1%
7		1	0.1%
8		2	0.2%
12		1	0.1%
18		1	0.1%
20		1	0.1%
Sysmiss		1605	

A5F: number of drinks consumed last Saturday

Data file: ben2007

Overview

Valid: 917 Invalid: 1605 Minimum: 0 Maximum: 48 Mean: 0.857 Standard deviation: 2.27
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 48 Format: Numeric

A5G: number of drinks consumed last Sunday

Data file: ben2007

Overview

Valid: 915 Invalid: 1607
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		608	66.4%
1		131	14.3%
2		79	8.6%
3		44	4.8%
4		23	2.5%
5		3	0.3%
6		20	2.2%
7		1	0.1%
8		2	0.2%
9		1	0.1%
10		1	0.1%

12		2	0.2%
Sysmiss		1607	

A6: average number drinks per occasion past 12 months**Data file:** ben2007**Overview**

Valid: 1414 Invalid: 1108 Minimum: 1 Maximum: 48 Mean: 3.498 Standard deviation: 3.519
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 48 Format: Numeric

A7: times drank 5+ (men) drinks in single occasion past 12 months**Data file:** ben2007**Overview**

Valid: 576 Invalid: 1946 Minimum: 0 Maximum: 240 Mean: 3.299 Standard deviation: 20.208
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 240 Format: Numeric

A8: times drank 4+ (women) drinks in single occasion past 12 months**Data file:** ben2007**Overview**

Valid: 664 Invalid: 1858 Minimum: 0 Maximum: 200 Mean: 1.161 Standard deviation: 9.649
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 200 Format: Numeric

D1: days fruit eaten per week**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 77 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
0		11	0.4%
1		618	24.5%
2		392	15.5%
3		255	10.1%
4		162	6.4%

5		76	3%
6		48	1.9%
7		268	10.6%
77	Don't know	692	27.4%

D2: servings fruit eaten per day

Data file: ben2007

Overview

Valid: 2511 Invalid: 11
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		545	21.7%
2		653	26%
3		206	8.2%
4		235	9.4%
5		71	2.8%
6		73	2.9%
7		8	0.3%
8		33	1.3%
9		3	0.1%
10		29	1.2%
12		2	0.1%
14		1	0%
15		2	0.1%
20		4	0.2%
30		1	0%
77	Don't know	645	25.7%
Sysmiss		11	

D3: days veg eaten per week

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 10 Range: 0 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0%
1		746	29.6%
2		615	24.4%
3		260	10.3%
4		188	7.5%
5		104	4.1%
6		135	5.4%
7		185	7.3%
77	Don't know	288	11.4%

D4: servings veg eaten per day

Data file: ben2007

Overview

Valid: 2521 Invalid: 1
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 77 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1021	40.5%
2		997	39.5%
3		104	4.1%
4		64	2.5%
5		10	0.4%
6		25	1%
7		4	0.2%
8		9	0.4%
10		2	0.1%
11		1	0%
77	Don't know	284	11.3%
Sysmiss		1	

D5: oil used most often**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 26 Range: 1 - 77 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Huile végétale	2334	92.5%
2	Lard ou graisse	2	0.1%
3	Beurre ou beurre allégé	2	0.1%
4	Margarine	0	0%
5	Autres	0	0%
6	Aucune en particulier	176	7%
7	Aucune utilisée	3	0.1%
77	Ne Sait Pas	5	0.2%

D5OTHER: other type of oil most often used**Data file:** ben2007**Overview**

Valid: 6 Invalid: 2516
 Type: Discrete Decimal: 0 Width: 8 Range: 2 - 4 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
2		3	50%
4		3	50%
Sysmiss		2516	

P1: vig activity at work**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	253	10%
2	No	2269	90%

P2: vig activity at work: days per week

Data file: ben2007

Overview

Valid: 253 Invalid: 2269
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		8	3.2%
2		24	9.5%
3		18	7.1%
4		13	5.1%
5		42	16.6%
6		88	34.8%
7		60	23.7%
Sysmiss		2269	

P3A: vig activity at work: hours per day

Data file: ben2007

Overview

Valid: 230 Invalid: 2292
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		16	7%
2		25	10.9%

3		19	8.3%
4		34	14.8%
5		12	5.2%
6		13	5.7%
7		8	3.5%
8		31	13.5%
9		11	4.8%
10		33	14.3%
11		9	3.9%
12		11	4.8%
13		2	0.9%
14		1	0.4%
15		2	0.9%
16		1	0.4%
18		1	0.4%
19		1	0.4%
Sysmiss		2292	

P3B: vig activity at work: mins per day

Data file: ben2007

Overview

Valid: 33 Invalid: 2489 Minimum: 10 Maximum: 45 Mean: 29.545 Standard deviation: 9.712
 Type: Continuous Decimal: 0 Width: 8 Range: 10 - 45 Format: Numeric

P4: mod activity at work

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	1666	66.1%
2	No	856	33.9%

P5: mod activity at work: days per week**Data file:** ben2007**Overview**

Valid: 1666 Invalid: 856
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1		40	2.4%
2		75	4.5%
3		77	4.6%
4		85	5.1%
5		264	15.8%
6		535	32.1%
7		590	35.4%
Sysmiss		856	

P6A: mod activity at work: hours per day**Data file:** ben2007**Overview**

Valid: 1561 Invalid: 961
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 20 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1		177	11.3%
2		231	14.8%
3		144	9.2%
4		211	13.5%
5		122	7.8%
6		140	9%
7		72	4.6%
8		202	12.9%
9		68	4.4%
10		106	6.8%

11		21	1.3%
12		36	2.3%
13		8	0.5%
14		7	0.4%
15		2	0.1%
16		4	0.3%
17		3	0.2%
18		3	0.2%
19		1	0.1%
20		3	0.2%
Sysmiss		961	

P6B: mod activity at work: mins per day

Data file: ben2007

Overview

Valid: 275 Invalid: 2247 Minimum: 5 Maximum: 50 Mean: 30.945 Standard deviation: 8.191
 Type: Continuous Decimal: 0 Width: 8 Range: 5 - 50 Format: Numeric

P7: active transport

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2283	90.5%
2	No	239	9.5%

P8: active transport: days per week

Data file: ben2007

Overview

Valid: 2283 Invalid: 239
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		99	4.3%
2		186	8.1%
3		123	5.4%
4		80	3.5%
5		156	6.8%
6		236	10.3%
7		1403	61.5%
Sysmiss		239	

P9A: active transport: hours per day

Data file: ben2007

Overview

Valid: 1734 Invalid: 788
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		649	37.4%
2		470	27.1%
3		249	14.4%
4		147	8.5%
5		85	4.9%
6		47	2.7%
7		18	1%
8		30	1.7%
9		8	0.5%
10		16	0.9%
11		2	0.1%
12		8	0.5%
15		4	0.2%
16		1	0.1%
Sysmiss		788	

P9B: active transport: mins per day

Data file: ben2007

Overview

Valid: 804 Invalid: 1718 Minimum: 2 Maximum: 55 Mean: 31.183 Standard deviation: 9.516
 Type: Continuous Decimal: 0 Width: 8 Range: 2 - 55 Format: Numeric

P10: vig leisure activity

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	257	10.2%
2	No	2265	89.8%

P11: vig leisure activity: days per week

Data file: ben2007

Overview

Valid: 257 Invalid: 2265
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		160	62.3%
2		52	20.2%
3		17	6.6%
4		4	1.6%
5		5	1.9%
6		4	1.6%
7		15	5.8%
Sysmiss		2265	

P12A: vig leisure activity: hours per day

Data file: ben2007

Overview

Valid: 229 Invalid: 2293
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 16 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		89	38.9%
2		93	40.6%
3		32	14%
4		12	5.2%
5		1	0.4%
6		1	0.4%
16		1	0.4%
Sysmiss		2293	

P12B: vig leisure activity: mins per day

Data file: ben2007

Overview

Valid: 76 Invalid: 2446 Minimum: 10 Maximum: 45 Mean: 31.711 Standard deviation: 7.144
 Type: Continuous Decimal: 0 Width: 8 Range: 10 - 45 Format: Numeric

P13: mod leisure activity

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	328	13%
2	No	2194	87%

P14: mod leisure activity: days per week**Data file:** ben2007**Overview**

Valid: 328 Invalid: 2194
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1		143	43.6%
2		62	18.9%
3		29	8.8%
4		16	4.9%
5		8	2.4%
6		12	3.7%
7		58	17.7%
Sysmiss		2194	

P15A: mod leisure activity: hours per day**Data file:** ben2007**Overview**

Valid: 253 Invalid: 2269
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 8 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1		122	48.2%
2		90	35.6%
3		21	8.3%
4		15	5.9%
5		2	0.8%
7		2	0.8%
8		1	0.4%
Sysmiss		2269	

P15B: mod leisure activity: mins per day

Data file: ben2007

Overview

Valid: 116 Invalid: 2406 Minimum: 5 Maximum: 50 Mean: 29.621 Standard deviation: 9.473
 Type: Continuous Decimal: 0 Width: 8 Range: 5 - 50 Format: Numeric

P16A: sedentary time: hours per day

Data file: ben2007

Overview

Valid: 2210 Invalid: 312 Minimum: 1 Maximum: 22 Mean: 4.04 Standard deviation: 3.095
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 22 Format: Numeric

P16B: sedentary time: mins per day

Data file: ben2007

Overview

Valid: 454 Invalid: 2068 Minimum: 0 Maximum: 66 Mean: 30.978 Standard deviation: 9.141
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 66 Format: Numeric

H1: BP measured

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 20 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	within last 12 month	1258	49.9%
2	1-5 years ago	693	27.5%
3	not past 5 years	571	22.6%

H2: told had high BP in past 12 mos

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	260	10.3%
2	No	2262	89.7%

H3A: currently receiving for high BP: drugs

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	187	7.4%
2	No	2335	92.6%

H3B: currently receiving for high BP: advice to reduce salt intake

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	132	5.2%
2	No	2390	94.8%

H3C: currently receiving for high BP: advice/treatment to lose weight**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	77	3.1%
2	No	2445	96.9%

H3D: currently receiving for high BP: advice/treatment to stop smoking**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	33	1.3%
2	No	2489	98.7%

H3E: currently receiving for high BP: advice/treatment to exercise more**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	50	2%
2	No	2472	98%

H4: seen trad'l healer for high BP in past 12 mos**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	23	0.9%
2	No	2499	99.1%

H5: taking trad'l meds for high BP**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	45	1.8%
2	No	2477	98.2%

H6: gluc measured in past 12 mos**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	149	5.9%

2	No	2373	94.1%
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H7: told had high gluc in past 12 mos**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	41	1.6%
2	No	2481	98.4%

H8A: currently receiving for high gluc: insulin**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	7	0.3%
2	No	2515	99.7%

H8B: currently receiving for high gluc: drugs**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	

1	Yes	25	1%
2	No	2497	99%

H8C: currently receiving for high gluc: special diet**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	26	1%
2	No	2496	99%

H8D: currently receiving for high gluc: advice/treatment to lose weight**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	20	0.8%
2	No	2502	99.2%

H8E: currently receiving for high gluc: advice/treatment to stop smoking**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	0.3%
2	No	2515	99.7%

H8F: currently receiving for high gluc: advice/treatment to exercise more**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	15	0.6%
2	No	2507	99.4%

H9: seen trad'l healer for high gluc in past 12 mos**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	2	0.1%
2	No	2520	99.9%

H10: taking trad'l meds for high gluc**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8	0.3%
2	No	2514	99.7%

X1: had stroke

Data file: ben2007

Overview

Valid: 2519 Invalid: 3
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	0.4%
2	No	2510	99.6%
3	Don't know	0	0%
Sysmiss		3	

X2: had TIA

Data file: ben2007

Overview

Valid: 2518 Invalid: 4
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	10	0.4%
2	No	2508	99.6%
3	Don't know	0	0%
Sysmiss		4	

X3: had sudden weakness**Data file:** ben2007**Overview**

Valid: 2519 Invalid: 3
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	23	0.9%
2	No	2496	99.1%
3	Don't know	0	0%
Sysmiss		3	

X4: had sudden numbness**Data file:** ben2007**Overview**

Valid: 2519 Invalid: 3
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	24	1%
2	No	2495	99%
3	Don't know	0	0%
Sysmiss		3	

X5: sudden loss of vision in one or both eyes**Data file:** ben2007**Overview**

Valid: 2518 Invalid: 4
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	6	0.2%
2	No	2512	99.8%
3	Don't know	0	0%
Sysmiss		4	

X6: sudden loss of half of vision**Data file:** ben2007**Overview**

Valid: 2517 Invalid: 5
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	3	0.1%
2	No	2513	99.8%
3	Don't know	1	0%
Sysmiss		5	

X7: sudden loss of ability to speak/write**Data file:** ben2007**Overview**

Valid: 2509 Invalid: 13
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	15	0.6%
2	No	2494	99.4%
3	Don't know	0	0%
Sysmiss		13	

X8: sudden loss of ability to understand**Data file:** ben2007**Overview**

Valid: 2498 Invalid: 24
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 3 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	5	0.2%
2	No	2491	99.7%
3	Don't know	2	0.1%
Sysmiss		24	

X9: method of cleaning teeth**Data file:** ben2007**Overview**

Valid: 2511 Invalid: 11
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 8 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Aucune	0	0%
2	la brosse industrielle	611	24.3%
3	la brosse vÃ©gÃ©tale	773	30.8%
4	les deux	1126	44.8%
5	Autres (PrÃ©ciser)	1	0%
8	Refuse	0	0%
Sysmiss		11	

X10: often clean teeth**Data file:** ben2007**Overview**

Valid: 2514 Invalid: 8
 Type: Discrete Decimal: 0 Width: 31 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Jamais	2	0.1%
2	Une fois/jour matin ou soir	997	39.7%
3	2 fois/jour le matin et le soir	1406	55.9%
4	AprÃ¨s chaque repas	109	4.3%
8	Refuse	0	0%
Sysmiss		8	

X11: often eat in a day

Data file: ben2007

Overview

Valid: 2517 Invalid: 5
 Type: Discrete Decimal: 0 Width: 36 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	6 prises quotidiennes dâ€™aliments	260	10.3%
2	< 6 prises quotidiennes dâ€™aliments	2255	89.6%
88	Refuse	2	0.1%
Sysmiss		5	

X12: uncap bottles with teeth

Data file: ben2007

Overview

Valid: 2503 Invalid: 19
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Oui, souvent	271	10.8%
2	Non, jamais	1728	69%

3	Rarement	495	19.8%
88	Refuse	9	0.4%
Sysmiss		19	

X13: spontaneous/ provoked gum bleeding

Data file: ben2007

Overview

Valid: 2476 Invalid: 46
 Type: Discrete Decimal: 0 Width: 18 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Oui, spontanÃ©ment	83	3.4%
2	Oui, au brossage	575	23.2%
3	Non, jamais	1809	73.1%
88	Refuse	9	0.4%
Sysmiss		46	

X14: dental problem treatment

Data file: ben2007

Overview

Valid: 1287 Invalid: 1235
 Type: Discrete Decimal: 0 Width: 33 Range: 1 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Auto mÃ©dication (traditionnelle)	152	11.8%
2	Auto mÃ©dication (moderne)	226	17.6%
3	Ne fait rien	218	16.9%
4	Consulter un agent de santÃ©	207	16.1%
5	Consulter un chirurgien dentiste	424	32.9%
88	Refuse	60	4.7%
Sysmiss		1235	

M1: interviewer ID

Data file: ben2007

Overview

Valid: 2518 Invalid: 4 Minimum: 2 Maximum: 222 Mean: 50.594 Standard deviation: 25.106
Type: Continuous Decimal: 0 Width: 8 Range: 2 - 222 Format: Numeric

M2A: device ID (height)

Data file: ben2007

Overview

Valid: 2518 Invalid: 4 Minimum: 0 Maximum: 88 Mean: 50.548 Standard deviation: 24.83
Type: Continuous Decimal: 0 Width: 8 Range: 0 - 88 Format: Numeric

M2B: device ID (weight)

Data file: ben2007

Overview

Valid: 2506 Invalid: 16 Minimum: 0 Maximum: 88 Mean: 47.075 Standard deviation: 24.092
Type: Continuous Decimal: 0 Width: 8 Range: 0 - 88 Format: Numeric

M3: height (cm)

Data file: ben2007

Overview

Valid: 2522 Invalid: 0 Minimum: 126 Maximum: 192 Mean: 165.036 Standard deviation: 8.728
Type: Continuous Decimal: 0 Width: 9 Range: 126 - 192 Format: Numeric

M4: weight (kg)

Data file: ben2007

Overview

Valid: 2522 Invalid: 0 Minimum: 37 Maximum: 150 Mean: 70.498 Standard deviation: 16.086
Type: Continuous Decimal: 0 Width: 9 Range: 37 - 150 Format: Numeric

M5: pregnant

Data file: ben2007

Overview

Valid: 1234 Invalid: 1288
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	60	4.9%
2	No	1174	95.1%
Sysmiss		1288	

M6: device ID (waist)

Data file: ben2007

Overview

Valid: 2394 Invalid: 128 Minimum: 0 Maximum: 88 Mean: 51.763 Standard deviation: 24.272
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 88 Format: Numeric

M7: waist circumference (cm)

Data file: ben2007

Overview

Valid: 2468 Invalid: 54 Minimum: 32.5 Maximum: 181 Mean: 86.618 Standard deviation: 13.526
 Type: Continuous Decimal: 0 Width: 9 Range: 32.5 - 181 Format: Numeric

M9: device ID (blood pressure)

Data file: ben2007

Overview

Valid: 2442 Invalid: 80 Minimum: 4 Maximum: 88 Mean: 51.532 Standard deviation: 24.267
 Type: Continuous Decimal: 0 Width: 8 Range: 4 - 88 Format: Numeric

M10: cuff size

Data file: ben2007

Overview

Valid: 2372 Invalid: 150
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	petit	51	2.2%
2	moyen	2250	94.9%
3	large	71	3%
Sysmiss		150	

M11A: BP reading 1: systolic

Data file: ben2007

Overview

Valid: 2482 Invalid: 40 Minimum: 65 Maximum: 777 Mean: 131.483 Standard deviation: 26.508
 Type: Continuous Decimal: 0 Width: 8 Range: 65 - 777 Format: Numeric

M11B: BP reading 1: diastolic

Data file: ben2007

Overview

Valid: 2482 Invalid: 40 Minimum: 34 Maximum: 777 Mean: 82.124 Standard deviation: 26.597
 Type: Continuous Decimal: 0 Width: 8 Range: 34 - 777 Format: Numeric

M12A: BP reading 2: systolic

Data file: ben2007

Overview

Valid: 2482 Invalid: 40 Minimum: 45 Maximum: 777 Mean: 128.864 Standard deviation: 26.012
 Type: Continuous Decimal: 0 Width: 8 Range: 45 - 777 Format: Numeric

M12B: BP reading 2: diastolic

Data file: ben2007

Overview

Valid: 2482 Invalid: 40 Minimum: 26 Maximum: 777 Mean: 80.897 Standard deviation: 26.668
 Type: Continuous Decimal: 0 Width: 8 Range: 26 - 777 Format: Numeric

M13A: BP reading 3: systolic

Data file: ben2007

Overview

Valid: 2482 Invalid: 40 Minimum: 70 Maximum: 777 Mean: 127.669 Standard deviation: 25.619
 Type: Continuous Decimal: 0 Width: 8 Range: 70 - 777 Format: Numeric

M13B: BP reading 3: diastolic

Data file: ben2007

Overview

Valid: 2482 Invalid: 40 Minimum: 33 Maximum: 777 Mean: 79.761 Standard deviation: 19.877
 Type: Continuous Decimal: 0 Width: 8 Range: 33 - 777 Format: Numeric

M14: took raised BP meds in past 2 weeks

Data file: ben2007

Overview

Valid: 2522 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	116	4.6%
2	No	2406	95.4%

M15: hip circumference (cm)

Data file: ben2007

Overview

Valid: 2522 Invalid: 0 Minimum: 31 Maximum: 195 Mean: 93.934 Standard deviation: 13.997
 Type: Continuous Decimal: 0 Width: 9 Range: 31 - 195 Format: Numeric

M16A: heart rate reading 1 (beats per minute)

Data file: ben2007

Overview

Valid: 2473 Invalid: 49 Minimum: 47 Maximum: 900 Mean: 82.245 Standard deviation: 35.884
 Type: Continuous Decimal: 0 Width: 8 Range: 47 - 900 Format: Numeric

M16B: heart rate reading 2 (beats per minute)**Data file:** ben2007**Overview**

Valid: 2472 Invalid: 50 Minimum: 44 Maximum: 840 Mean: 81.916 Standard deviation: 36.024
 Type: Continuous Decimal: 0 Width: 8 Range: 44 - 840 Format: Numeric

M16C: heart rate reading 3 (beats per minute)**Data file:** ben2007**Overview**

Valid: 2471 Invalid: 51 Minimum: 1 Maximum: 777 Mean: 81.205 Standard deviation: 22.332
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 777 Format: Numeric

B1: ate/drank in past 12 hours (fasting status)**Data file:** ben2007**Overview**

Valid: 1913 Invalid: 609
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions**CATEGORIES**

Value	Category	Cases	
1	Yes	289	15.1%
2	No	1624	84.9%
Sysmiss		609	

B3: gluc device ID**Data file:** ben2007**Overview**

Valid: 1733 Invalid: 789 Minimum: 9 Maximum: 88 Mean: 52.063 Standard deviation: 24.696
 Type: Continuous Decimal: 0 Width: 8 Range: 9 - 88 Format: Numeric

B4: time blood sample taken**Data file:** ben2007**Overview**

Valid: 1641 Invalid: 881 Minimum: 0.29 Maximum: 18.08 Mean: 9.258 Standard deviation: 1.894
 Type: Continuous Decimal: 0 Width: 9 Range: 0.2899999165535 - 18.0799999237061 Format: Numeric

B5: fasting blood glucose (mmol/l)**Data file:** ben2007**Overview**

Valid: 1638 Invalid: 884 Minimum: 26 Maximum: 408 Mean: 89.846 Standard deviation: 27.099
 Type: Continuous Decimal: 0 Width: 8 Range: 26 - 408 Format: Numeric

B6: chol device ID**Data file:** ben2007**Overview**

Valid: 6 Invalid: 2516 Minimum: 0 Maximum: 77 Mean: 58.667 Standard deviation: 30.058
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 77 Format: Numeric

B7: total cholesterol (mmol/l)**Data file:** ben2007**Overview**

Valid: 2 Invalid: 2520 Minimum: 0 Maximum: 78 Mean: 39 Standard deviation: 55.154
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 78 Format: Numeric

AGERANGE: ageranges for which survey was designed**Data file:** ben2007**Overview**

Valid: 2522 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions**CATEGORIES**

Value	Category	Cases	
25-34		1060	42%
35-44		676	26.8%
45-54		385	15.3%
55-64		401	15.9%

study_resources

questionnaires

Questionnaire (French)

title Questionnaire (French)
country Benin
filename STEPS_Benin_2007_Questionnaire_FR.pdf

reports

Fact Sheet (English)

title Fact Sheet (English)
country Benin
filename STEPS_Benin_2007_FactSheet_EN.pdf

Report (French)

title Report (French)
country Benin
filename STEPS_Benin_2007_Report_FR.pdf

technical_documents

Generic STEPS Questionnaire (version 2.0)

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