STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2015

Ministry of Health

report_generated_on: November 6, 2023

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

Identification

SURVEY ID NUMBER
BRN_2015_STEPS_v01_M

TITLE
STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2015

COUNTRY

Name	Country code
Brunei Darussalam	BRN

STUDY TYPE
STEPS

SERIES INFORMATION
This is the first STEPS conducted by Brunei Darussalam.

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 raised total cholesterol, history of cardiovascular diseases, lifestyle advice, and cancer screening. Additionally, the following measures were taken: blood pressure, height, weight, waist circumference, hip circumference, heart rate, fasting blood glucose, total cholesterol, triglycerides, HDL cholesterol, urinary sodium and urinary creatinine.

TOPICS

Topic	Vocabulary
STEPS	Survey

KEYWORDS

Keyword
noncommunicable diseases
risk factors
health surveys
tobacco use

alcohol use
diet
nutrition
salt
physical activity
blood pressure
cervical cancer
overweight
obesity
diabetes
hypertension
cardiovascular disease
blood glucose
cholesterol
triglycerides
HDL cholesterol
cancer screening

Coverage

GEOGRAPHIC COVERAGE
National

UNIVERSE
Adults aged 18-69 years. The selection criteria were Brunei citizens or permanent residents aged 18 to 69 years with regular stay throughout the year, not pregnant or diagnosed with terminal or incapacitating illnesses.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Ministry of Health

Sampling

SAMPLING PROCEDURE
Participants were randomly selected through 2 stages: (1) households were randomly selected from a list of available households in the district. Brunei has 4 districts; each of the 4 districts was used as the primary sampling unit. (2) One resident within each household (secondary sampling unit) was randomly selected via the Kish method.

RESPONSE RATE
The response rate for step 1 was 53% (3808 out of 7229 participants).

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

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
2015-08	2016-04

DATA COLLECTION MODE
Face-to-face [f2f]

Access policy

CONTACTS

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

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

CITATION REQUIREMENTS
Publications based on STEPS data should cite the survey report (if available) and acknowledge the data source in the following manner:
"This paper uses data from the [country] [year] STEPS survey, implemented by [implementing agency] with the support of the World Health Organization."

ACCESS AUTHORITY

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

Disclaimer and copyrights

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

Metadata production

DDI DOCUMENT ID
DDI_BRN_2015_STEPS_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
Melanie Cowan		World Health Organization	Documentation of data
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION
2019-07-16

DDI DOCUMENT VERSION
Identical to a metadata (BRN_2015_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
brn2015 National public-use dataset	3808	174

Data file	Cases	variables
brn2015 National public-use dataset	3808	174

Data file: brn2015

National public-use dataset

Cases:	3808
variables:	174

variables

ID	Name	Label	Question
V1	pid	unique participant identifier	
V2	psu	psu	
V3	i6	interview language	
V4	sex	sex	
V5	age	age for analysis	
V6	c4	yrs of education	
V7	c5	highest level of education	
V8	c6	race	
V9	c7	marital status	
V10	c8	work status	
V11	c9	adults older than 18yrs in household	
V12	c10a	household earnings per week	
V13	c10b	household earnings per month	
V14	c10c	household earnings per year	
V15	c10d	household earnings refused	
V16	c11	quintile	
V17	t1	current smoking	
V18	t2	current daily smoking	
V19	t3	age started smoking	
V20	t4a	time since started smoking (years)	
V21	t4b	time since started smoking (months)	
V22	t4c	time since started smoking (weeks)	
V23	t5a	manufactured cigs smoked per day	
V24	t5aw	manufactured cigs smoked per week	
V25	t5b	hand-rolled cigs smoked per day	
V26	t5bw	hand-rolled cigs smoked per week	
V27	t5c	pipes smoked per day	
V28	t5cw	pipes smoked per week	
V29	t5d	cigars smoked per day	
V30	t5dw	cigars smoked per week	
V31	t5e	shisha sessions per day	
V32	t5ew	shisha sessions per week	
V33	t5f	other smoked per day	
V34	t5fw	other smoked per week	
V35	t5other	specify other product smoked	
V36	t6	stop smoking attempt in past 12 mos	
V37	t7	advised by MD to stop smoking	

ID	Name	Label	Question
V38	t8	past smoking	
V39	t9	past daily smoking	
V40	t10	age quit smoking	
V41	t11a	time since quitting smoking (years)	
V42	t11b	time since quitting smoking (months)	
V43	t11c	time since quitting smoking (days)	
V44	t12	current smokeless tobacco use	
V45	t13	current daily smokeless tobacco use	
V46	t15	past smokeless use	
V47	t16	past daily smokeless use	
V48	x2	heard of electronic cigarettes	
V49	x3	ever used electronic cigarettes	
V50	x4	freq use electronic cigarettes	
V51	a1	ever drank alcohol	
V52	a2	drank alcohol in past 12 mos	
V53	a3	stopped drinking due to health reasons	
V54	a4	freq drinking in past 12 mos	
V55	a5	drank alcohol in past 30 days	
V56	a6	number drinking occasions past 30 days	
V57	a7	average number drinks per occasion past 30 days	
V58	a8	largest number drinks past 30 days	
V59	a9	times drank 6+ drinks in single occasion past 30 days	
V60	a10a	number of drinks consumed last Monday	
V61	a10b	number of drinks consumed last Tuesday	
V62	a10c	number of drinks consumed last Wednesday	
V63	a10d	number of drinks consumed last Thursday	
V64	a10e	number of drinks consumed last Friday	
V65	a10f	number of drinks consumed last Saturday	
V66	a10g	number of drinks consumed last Sunday	
V67	d1	days fruit eaten per week	
V68	d2	servings fruit eaten per day	
V69	d3	days veg eaten per week	
V70	d4	servings veg eaten per day	
V71	d5	adding salt when eating	
V72	d6	adding salt when cooking	
V73	d7	eating processed foods high in salt	
V74	d8	how much salt consumed	
V75	d9	importance lowering salt	
V76	d10	can excess salt hurt health	
V77	d11a	limit processed food consumption	
V78	d11b	look at salt content on labels	
V79	d11c	buy low salt alternative	
V80	d11d	use spices instead of salt	
V81	d11e	avoid eating out	
V82	d11f	do other things to control salt intake	

ID	Name	Label	Question
V83	d11other	other things to control salt intake	
V84	d12	oil used most often	
V85	d12other	other oil	
V86	d13	meals per week outside home	
V87	p1	vig activity at work	
V88	p2	vig activity at work: days per week	
V89	p3a	vig activity at work: hours per day	
V90	p3b	vig activity at work: mins per day	
V91	p4	mod activity at work	
V92	p5	mod activity at work: days per week	
V93	p6a	mod activity at work: hours per day	
V94	p6b	mod activity at work: mins per day	
V95	p7	active transport	
V96	p8	active transport: days per week	
V97	p9a	active transport: hours per day	
V98	p9b	active transport: mins per day	
V99	p10	vig leisure activity	
V100	p11	vig leisure activity: days per week	
V101	p12a	vig leisure activity: hours per day	
V102	p12b	vig leisure activity: mins per day	
V103	p13	mod leisure activity	
V104	p14	mod leisure activity: days per week	
V105	p15a	mod leisure activity: hours per day	
V106	p15b	mod leisure activity: mins per day	
V107	p16a	sedentary time: hours per day	
V108	p16b	sedentary time: mins per day	
V109	h1	BP measured	
V110	h2a	told had high BP	
V111	h2b	told had high BP in past 12 mos	
V112	h3	taken meds for high BP	
V113	h4	seen trad'l healer for high BP	
V114	h5	taking trad'l meds for high BP	
V115	h6	gluc measured	
V116	h7a	told had high gluc	
V117	h7b	told had high gluc in past 12 mos	
V118	h8	taken meds for high gluc	
V119	h9	taking insulin for high gluc	
V120	h10	seen trad'l healer for high gluc	
V121	h11	taking trad'l meds for high gluc	
V122	h12	chol measured	
V123	h13a	told had high chol	
V124	h13b	told had high chol in past 12 mos	
V125	h14	taken meds for high chol	
V126	h15	seen trad'l healer for high chol	
V127	h16	taking trad'l meds for high chol	

ID	Name	Label	Question
V128	h17	had heart attack or stroke	
V129	h18	currently taking aspirin	
V130	h19	currently taking statins	
V131	h20a	advised to not smoke	
V132	h20b	advised to reduce salt	
V133	h20e	advised to do pa	
V134	h20f	advised to lose weight	
V135	h20d	advised to reduce fat	
V136	h20c	advised to eat fruit/veg	
V137	s1	ever had faeces examined for blood	
V138	s2	ever had colonoscopy	
V139	s3	ever had prostate exam	
V140	s4	ever shown how to examine breasts	
V141	s5	last breast exam by medical professional	
V142	s6	last mammogram	
V143	cx1	cerv cancer screening	
V144	m3	cuff size	
V145	m4a	BP reading 1: systolic	
V146	m4b	BP reading 1: diastolic	
V147	m5a	BP reading 2: systolic	
V148	m5b	BP reading 2: diastolic	
V149	m6a	BP reading 3: systolic	
V150	m6b	BP reading 3: diastolic	
V151	m7	took raised BP meds in past 2 weeks	
V152	m8	pregnant	
V153	m11	height (cm)	
V154	m12	weight (kg)	
V155	m14	waist circumference (cm)	
V156	m15	hip circumference (cm)	
V157	m16a	heart rate reading 1	
V158	m16b	heart rate reading 2	
V159	m16c	heart rate reading 3	
V160	b1	ate/drank in past 12 hours (fasting status)	
V161	b5	fasting blood glucose (mmol/l)	
V162	b6	took insulin today	
V163	b8	total cholesterol (mmol/l)	
V164	b9	chol meds taken in past 2 weeks	
V165	b10	fasting prior to urine collection	
V166	b14	urinary sodium	
V167	b15	urinary creatinine	
V168	b16	triglycerides (mmol/l)	
V169	b17	hdl cholesterol (mmol/l)	
V170	agerange	ageranges for which survey was designed	
V171	stratum	stratum (district)	
V172	wstep1	final analysis weight for step 1 variables (interview)	

ID	Name	Label	Question
V173	wstep2	final analysis weight for step 2 variables (physical measures)	
V174	wstep3	final analysis weight for step 3 variables (biochemical measures)	

total: 174

ID	Name	Label	Question
V173	wstep2	final analysis weight for step 2 variables (physical measures)	
V174	wstep3	final analysis weight for step 3 variables (biochemical measures)	

total: 174

PID: unique participant identifier

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Width: 9   Range: -   Format: character

C8: work status

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 27   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Government employee	1256	33%
2	Non-government employee	698	18.3%
3	Self-employed	261	6.9%
4	Non-paid	17	0.4%
5	Student	358	9.4%
6	Homemaker	600	15.8%
7	Retired	451	11.8%
8	Unemployed (able to work)	129	3.4%
9	Unemployed (unable to work)	36	0.9%
88	Refused	2	0.1%

PSU: psu

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 1   Maximum: 240   Mean: 100.113   Standard deviation: 52.085
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 240   Format: Numeric

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I6: interview language

Data file: brn2015

Overview

Valid: 3808   Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		169	4.4%
2		3639	95.6%

SEX: sex

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Width: 5   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
Men		1677	44%
Women		2131	56%

AGE: age for analysis

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 18   Maximum: 69   Mean: 41.881   Standard deviation: 14.526
Type: Continuous   Decimal: 0   Width: 10   Range: 18 - 69   Format: Numeric

C4: yrs of education

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 0   Maximum: 77   Mean: 13.522   Standard deviation: 10.057
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

C5: highest level of education

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 28   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	No formal schooling	84	2.2%
2	Less than primary school	81	2.1%
3	Primary school completed	319	8.4%
4	Secondary school completed	756	19.9%
5	High school completed	1159	30.4%
6	College/University completed	868	22.8%
7	Post graduate degree	388	10.2%
88	Refused	153	4%

C6: race

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	malay	3357	88.2%
2	chinese	326	8.6%
3	indian	6	0.2%
4	other	119	3.1%
88	refused	0	0%

C7: marital status

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 17   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Never married	1040	27.3%
2	Currently married	2538	66.6%
3	Separated	16	0.4%
4	Divorced	58	1.5%
5	Widowed	148	3.9%
6	Cohabitating	2	0.1%
88	Refused	6	0.2%

C9: adults older than 18yrs in household

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 1   Maximum: 88   Mean: 4.065   Standard deviation: 4.033
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 88   Format: Numeric

C10A: household earnings per week

Data file: brn2015

Overview

Valid: 18   Invalid: 3790   Minimum: 60   Maximum: 10000   Mean: 2617.222   Standard deviation: 2705.645
Type: Continuous   Decimal: 0   Width: 10   Range: 60 - 10000   Format: Numeric

C10B: household earnings per month

Data file: brn2015

Overview

Valid: 3169   Invalid: 639   Minimum: 0   Maximum: 150000   Mean: 3919.433   Standard deviation: 5496.244
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 150000   Format: Numeric

C10C: household earnings per year

Data file: brn2015

Overview

Valid: 13   Invalid: 3795   Minimum: 7000   Maximum: 220000   Mean: 52576.923   Standard deviation: 57681.542

Type: Continuous   Decimal: 0   Width: 10   Range: 7000 - 220000   Format: Numeric

C10D: household earnings refused

Data file: brn2015

Overview

Valid: 3801   Invalid: 7
Type: Discrete   Decimal: 0   Width: 10   Range: 0 - 1   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3200	84.2%
1		601	15.8%
Sysmiss		7	

C11: quintile

Data file: brn2015

Overview

Valid: 608   Invalid: 3200
Type: Discrete   Decimal: 0   Width: 29   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	<=36000	176	28.9%
2	more than 36000 and <=60000	62	10.2%
3	more than 60000 and <= 96000	12	2%
4	more than 96000 and <=126000	5	0.8%
5	more than 126000	9	1.5%
6	don't know	0	0%
77		277	45.6%
88	refused	67	11%
Sysmiss		3200	

T1: current smoking

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	634	16.6%
2	no	3174	83.4%

T2: current daily smoking

Data file: brn2015

Overview

Valid: 634   Invalid: 3174
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	424	66.9%
2	no	210	33.1%
Sysmiss		3174	

T3: age started smoking

Data file: brn2015

Overview

Valid: 634   Invalid: 3174   Minimum: 8   Maximum: 77   Mean: 21.817   Standard deviation: 15.61
Type: Continuous   Decimal: 0   Width: 10   Range: 8 - 77   Format: Numeric

T4A: time since started smoking (years)

Data file: brn2015

Overview

Valid: 39   Invalid: 3769   Minimum: 1   Maximum: 77   Mean: 56.179   Standard deviation: 31.948
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

T4B: time since started smoking (months)

Data file: brn2015

Overview

Valid: 28   Invalid: 3780   Minimum: 7   Maximum: 77   Mean: 74.5   Standard deviation: 13.229
Type: Continuous   Decimal: 0   Width: 10   Range: 7 - 77   Format: Numeric

T4C: time since started smoking (weeks)

Data file: brn2015

Overview

Valid: 29   Invalid: 3779   Minimum: 3   Maximum: 77   Mean: 72.034   Standard deviation: 18.575
Type: Continuous   Decimal: 0   Width: 10   Range: 3 - 77   Format: Numeric

T5A: manufactured cigs smoked per day

Data file: brn2015

Overview

Valid: 424   Invalid: 3384   Minimum: 0   Maximum: 77   Mean: 10.698   Standard deviation: 12.839
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

T5AW: manufactured cigs smoked per week

Data file: brn2015

Overview

Valid: 221   Invalid: 3587   Minimum: 0   Maximum: 777   Mean: 102.281   Standard deviation: 252.62
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 777   Format: Numeric

T5B: hand-rolled cigs smoked per day

Data file: brn2015

Overview

Valid: 425   Invalid: 3383   Minimum: 0   Maximum: 77   Mean: 1.459   Standard deviation: 9.864
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

T5BW: hand-rolled cigs smoked per week

Data file: brn2015

Overview

Valid: 314   Invalid: 3494   Minimum: 0   Maximum: 777   Mean: 54.65   Standard deviation: 198.599
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 777   Format: Numeric

T5C: pipes smoked per day

Data file: brn2015

Overview

Valid: 424   Invalid: 3384   Minimum: 0   Maximum: 77   Mean: 1.146   Standard deviation: 9.111
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

T5CW: pipes smoked per week

Data file: brn2015

Overview

Valid: 307   Invalid: 3501   Minimum: 0   Maximum: 777   Mean: 43.072   Standard deviation: 177.987
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 777   Format: Numeric

T5D: cigars smoked per day

Data file: brn2015

Overview

Valid: 424   Invalid: 3384   Minimum: 0   Maximum: 77   Mean: 1.328   Standard deviation: 9.824
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

T5DW: cigars smoked per week

Data file: brn2015

Overview

Valid: 306   Invalid: 3502   Minimum: 0   Maximum: 777   Mean: 43.408   Standard deviation: 178.247
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 777   Format: Numeric

T5E: shisha sessions per day

Data file: brn2015

Overview

Valid: 424   Invalid: 3384   Minimum: 0   Maximum: 77   Mean: 1.505   Standard deviation: 10.487
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

T5EW: shisha sessions per week

Data file: brn2015

Overview

Valid: 308   Invalid: 3500   Minimum: 0   Maximum: 777   Mean: 60.62   Standard deviation: 208.592
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 777   Format: Numeric

T5F: other smoked per day

Data file: brn2015

Overview

Valid: 424   Invalid: 3384   Minimum: 0   Maximum: 77   Mean: 4.448   Standard deviation: 17.836
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

T5FW: other smoked per week

Data file: brn2015

Overview

Valid: 332   Invalid: 3476   Minimum: 0   Maximum: 777   Mean: 87.208   Standard deviation: 244.787
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 777   Format: Numeric

T5OTHER: specify other product smoked

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Width: 37   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
-		1	0%
.		3788	99.5%
77		2	0.1%
alat2 hari merokok		1	0%
era		3	0.1%
era, extreme, la		1	0%
extreme		1	0%
nil		1	0%
parkway		1	0%
rokok		1	0%
rokok biasa, vape		1	0%
sigup		2	0.1%

sirih		1	0%
social smoking, less than once a week		1	0%
tiada		2	0.1%
vape		1	0%

T6: stop smoking attempt in past 12 mos

Data file: brn2015

Overview

Valid: 634   Invalid: 3174
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	377	59.5%
2	no	257	40.5%
Sysmiss		3174	

T7: advised by MD to stop smoking

Data file: brn2015

Overview

Valid: 634   Invalid: 3174
Type: Discrete   Decimal: 0   Width: 23   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	194	30.6%
2	no	295	46.5%
3	no visit in past 12 mos	9	1.4%
77		136	21.5%
Sysmiss		3174	

T8: past smoking

Data file: brn2015

Overview

Valid: 3174   Invalid: 634
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	491	15.5%
2	no	2683	84.5%
Sysmiss		634	

T9: past daily smoking

Data file: brn2015

Overview

Valid: 701   Invalid: 3107
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	316	45.1%
2	no	385	54.9%
Sysmiss		3107	

T10: age quit smoking

Data file: brn2015

Overview

Valid: 491   Invalid: 3317   Minimum: 8   Maximum: 77   Mean: 30.58   Standard deviation: 16.802
Type: Continuous   Decimal: 0   Width: 10   Range: 8 - 77   Format: Numeric

T11A: time since quitting smoking (years)

Data file: brn2015

Overview

Valid: 36   Invalid: 3772   Minimum: 3   Maximum: 77   Mean: 66.833   Standard deviation: 24.122
Type: Continuous   Decimal: 0   Width: 10   Range: 3 - 77   Format: Numeric

T11B: time since quitting smoking (months)

Data file: brn2015

Overview

Valid: 31   Invalid: 3777   Minimum: 6   Maximum: 77   Mean: 74.71   Standard deviation: 12.752
Type: Continuous   Decimal: 0   Width: 10   Range: 6 - 77   Format: Numeric

T11C: time since quitting smoking (days)

Data file: brn2015

Overview

Valid: 30   Invalid: 3778
Type: Discrete   Decimal: 0   Width: 10   Range: 77 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
77		30	100%
Sysmiss		3778	

T12: current smokeless tobacco use

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	69	1.8%
2	no	3739	98.2%

T13: current daily smokeless tobacco use

Data file: brn2015

Overview

Valid: 69   Invalid: 3739
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	5	7.2%
2	no	64	92.8%
Sysmiss		3739	

T15: past smokeless use

Data file: brn2015

Overview

Valid: 3744   Invalid: 64
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	89	2.4%
2	no	3655	97.6%
Sysmiss		64	

T16: past daily smokeless use

Data file: brn2015

Overview

Valid: 149   Invalid: 3659
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	40	26.8%
2	no	109	73.2%
Sysmiss		3659	

X2: heard of electronic cigarettes

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3297	86.6%
2	no	511	13.4%

X3: ever used electronic cigarettes

Data file: brn2015

Overview

Valid: 3297   Invalid: 511
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	562	17%
2	no	2735	83%
Sysmiss		511	

X4: freq use electronic cigarettes

Data file: brn2015

Overview

Valid: 562   Invalid: 3246
Type: Discrete   Decimal: 0   Width: 15   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	daily	86	15.3%
2	less than daily	258	45.9%
3	not at all	215	38.3%
88	refused	3	0.5%
Sysmiss		3246	

A1: ever drank alcohol

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	560	14.7%
2	no	3248	85.3%

A2: drank alcohol in past 12 mos

Data file: brn2015

Overview

Valid: 560   Invalid: 3248
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	190	33.9%
2	no	370	66.1%
Sysmiss		3248	

A3: stopped drinking due to health reasons

Data file: brn2015

Overview

Valid: 370   Invalid: 3438

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	80	21.6%
2	no	290	78.4%
Sysmiss		3438	

▋ A4: freq drinking in past 12 mos

Data file: brn2015

Overview

Valid: 190   Invalid: 3618
Type: Discrete   Decimal: 0   Width: 22   Range: 1 - 88   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Daily	5	2.6%
2	5-6 days per week	2	1.1%
3	3-4 days per week	6	3.2%
4	1-2 days per week	24	12.6%
5	1-3 days per month	32	16.8%
6	Less than once a month	118	62.1%
88		3	1.6%
Sysmiss		3618	

▋ A5: drank alcohol in past 30 days

Data file: brn2015

Overview

Valid: 190   Invalid: 3618
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

1	yes	104	54.7%
2	no	86	45.3%
Sysmiss		3618	

A6: number drinking occasions past 30 days

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 1   Maximum: 77   Mean: 10.144   Standard deviation: 22.065
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

A7: average number drinks per occasion past 30 days

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 1   Maximum: 77   Mean: 16.567   Standard deviation: 28.817
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

A8: largest number drinks past 30 days

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 1   Maximum: 77   Mean: 23.106   Standard deviation: 32.333
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

A9: times drank 6+ drinks in single occasion past 30 days

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 23.038   Standard deviation: 34.575
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10A: number of drinks consumed last Monday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 32.769   Standard deviation: 38.068
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10B: number of drinks consumed last Tuesday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 32.125   Standard deviation: 37.878
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10C: number of drinks consumed last Wednesday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 32.692   Standard deviation: 38.129
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10D: number of drinks consumed last Thursday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 33.452   Standard deviation: 38.219
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10E: number of drinks consumed last Friday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 33.596   Standard deviation: 38.102
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10F: number of drinks consumed last Saturday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 32.481   Standard deviation: 37.599
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

A10G: number of drinks consumed last Sunday

Data file: brn2015

Overview

Valid: 104   Invalid: 3704   Minimum: 0   Maximum: 77   Mean: 31.981   Standard deviation: 37.984
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

D1: days fruit eaten per week

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 0   Maximum: 77   Mean: 6.63   Standard deviation: 15.112
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

D2: servings fruit eaten per day

Data file: brn2015

Overview

Valid: 3361   Invalid: 447   Minimum: 1   Maximum: 77   Mean: 2.745   Standard deviation: 8.451
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

D3: days veg eaten per week

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 0   Maximum: 77   Mean: 6.439   Standard deviation: 9.127
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

D4: servings veg eaten per day

Data file: brn2015

Overview

Valid: 3615   Invalid: 193   Minimum: 1   Maximum: 77   Mean: 2.502   Standard deviation: 6.129
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

D5: adding salt when eating

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Always	521	13.7%

2	Often	227	6%
3	Sometimes	1038	27.3%
4	Rarely	1312	34.5%
5	Never	700	18.4%
77	Don't know	10	0.3%

D6: adding salt when cooking

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Always	1570	41.2%
2	Often	477	12.5%
3	Sometimes	801	21%
4	Rarely	733	19.2%
5	Never	158	4.1%
77	Don't know	69	1.8%

D7: eating processed foods high in salt

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Always	332	8.7%
2	Often	208	5.5%
3	Sometimes	1119	29.4%
4	Rarely	1959	51.4%
5	Never	180	4.7%

| 77 | Don't know | 10 | 0.3% |

D8: how much salt consumed

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 21   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Far too much	43	1.1%
2	Too much	273	7.2%
3	Just the right amount	2614	68.6%
4	Too little	737	19.4%
5	Far too little	76	2%
77	Don't know	65	1.7%

D9: importance lowering salt

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 21   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Very important	1257	33%
2	Somewhat important	2284	60%
3	Not at all important	191	5%
77	Don't know	76	2%

D10: can excess salt hurt health

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3600	94.5%
2	no	115	3%
77		93	2.4%

D11A: limit processed food consumption

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2937	77.1%
2		871	22.9%

D11B: look at salt content on labels

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1871	49.1%
2		1937	50.9%

D11C: buy low salt alternative

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1969	51.7%
2		1839	48.3%

D11D: use spices instead of salt

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2758	72.4%
2		1050	27.6%

D11E: avoid eating out

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1885	49.5%
2		1923	50.5%

D11F: do other things to control salt intake

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1611	42.3%
2		2197	57.7%

D11OTHER: other things to control salt intake

Data file: brn2015

Overview

Valid: 954   Invalid: 0
Type: Discrete   Width: 75   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
Avoid pickled food		1	0.1%
Banyak meminum air		1	0.1%
Banyak minum air		2	0.2%
Banyakkan air mineral		1	0.1%
Bersenam		1	0.1%
Bersukan		6	0.6%
Bersukan, makan buah		1	0.1%
Body fitness, diet		1	0.1%
Buat sup tawar tanpa garam		1	0.1%
Exercise		3	0.3%
Fasting		2	0.2%
Green tea		2	0.2%
Kurangkan garam		1	0.1%
Kurangkan garam dalam masakan		1	0.1%

Langsung tidak menggunakan garam		1	0.1%
Lauk masin dihindari		1	0.1%
MINUM AIR		3	0.3%
MINUM JUS DAN AIR		1	0.1%
Melakukan senaman		1	0.1%
Memasak dengan menambah asam		1	0.1%
Membuat sup tawar tanpa garam		2	0.2%
Meminum banyak air		4	0.4%
Menggunakan garam yang sedikit sahaja		1	0.1%
Mengurangkan makanan gram		1	0.1%
Mengurangkan pengambilan garam		1	0.1%
Mengurangkn pengambilan garam		1	0.1%
Mengusaha mengurangkan garam		1	0.1%
Minnum air		1	0.1%
Minum Air		2	0.2%
Minum air		8	0.8%
Minum air Kuramgkan garam		1	0.1%
Minum banyak air		2	0.2%
Minumn air		1	0.1%
Potong rumput		1	0.1%
Sebelum makan dimakan garam		1	0.1%
Sports		1	0.1%
Sports related		1	0.1%
Sukan		1	0.1%
Sup ayam/ talur awar tanpa garam		1	0.1%
Tambah air dan gula		1	0.1%
Tidak masak campur garam		1	0.1%
add more water		1	0.1%
air		4	0.4%
air bertapis		1	0.1%
air dan exercise		1	0.1%
air dan sukan		1	0.1%
air lemon		1	0.1%
air putih dan exercise		1	0.1%
air suam		1	0.1%
aji namoto		1	0.1%
aktiviti sederhana		1	0.1%
always eat outside		1	0.1%
avoid black pepper		1	0.1%

avoid snacks		1	0.1%
avoiding salty dishes in general		1	0.1%
awas awas		1	0.1%
balance the salt during cooking		1	0.1%
bali garam saiz kecil		1	0.1%
bali kotak garam saiz kecil		1	0.1%
banyak kan minum air		1	0.1%
banyak minum		1	0.1%
banyak minum aair and exercise		1	0.1%
banyak minum air		54	5.7%
banyak minum air and exercise		1	0.1%
banyak minum air dan kurangkan garam dalam masakan		1	0.1%
banyak minum air dan makan buah		1	0.1%
banyak minum air n do exercise		1	0.1%
banyak minum air suam		1	0.1%
banyak minum air, buat latihan		1	0.1%
banyak minum air, garam mineral.		1	0.1%
banyak minumair		1	0.1%
banyakkan air dan gula		1	0.1%
banyakkan minum air		2	0.2%
bbq		1	0.1%
bekam,exercise,		1	0.1%
berhenti makan sekiranya makanan terlalu masin		1	0.1%
berjalan doing house work		1	0.1%
berkabun spt bunga		1	0.1%
bersenam		16	1.7%
bersenaman dan berkebun		1	0.1%
bersukan		9	0.9%
bersukan, minum air		2	0.2%
bnyakkan makanan tawar		1	0.1%
bnyakkan minum air		1	0.1%
bnyk kn minum air		1	0.1%
bnykkn minum air		1	0.1%
bola exercise		1	0.1%
bola, jogging		1	0.1%
buah		1	0.1%
buah-buahan		1	0.1%
cara masak dari internet		1	0.1%
chores		1	0.1%

cook your self		1	0.1%
cooking		1	0.1%
cooking style changed, rabus		1	0.1%
cuba mengontrol garam		1	0.1%
cuma sdikit garam dlm masakan kdg2 sos kicap		1	0.1%
cut down salt		1	0.1%
cycling, minum air		1	0.1%
dari kemahuan sendiri		1	0.1%
daun daunan or sayuran		1	0.1%
dengan masakkan berebus		1	0.1%
dikurangi penggunaan garam		1	0.1%
dlm shari mstiada ngmbil buah		1	0.1%
don't eat junk food		1	0.1%
don't sell salt		1	0.1%
drink alots of water		1	0.1%
drink green tea		1	0.1%
drink lot of water		1	0.1%
drink lots of water		3	0.3%
drink lots of water,		1	0.1%
drink lots off water		1	0.1%
drink lots water		2	0.2%
drink more water		2	0.2%
drink plenty of water		1	0.1%
drink water		5	0.5%
drink water lots		1	0.1%
drink water n eat more fruuits		1	0.1%
drink water, citrus water		1	0.1%
drinking a lot of water		1	0.1%
drinking lots of water		1	0.1%
drinks a lot of plain water		1	0.1%
e`exercise		1	0.1%
eat food with soup steam food		1	0.1%
eat less		1	0.1%
eat less salty food		1	0.1%
eat more carbs		1	0.1%
eat raw food		1	0.1%
eat raw vegetables		1	0.1%
elak lauk masin		1	0.1%
exercise		52	5.5%

exercise ,drink water		1	0.1%
exercise and drink lots of water		1	0.1%
exercise and drink more water		1	0.1%
exercise and minum air		3	0.3%
exercise contol food		1	0.1%
exercise dan minum air		1	0.1%
exercise drink a lot of water		1	0.1%
exercise drink more water		1	0.1%
exercise football		1	0.1%
exercise garam ditukar ke garam asli		1	0.1%
exercise hiking badmintn		1	0.1%
exercise jogging		1	0.1%
exercise jogging , makan makanan mengandungi garam once a week		1	0.1%
exercise jogging weight lifting		1	0.1%
exercise minum air		3	0.3%
exercise n drink water		23	2.4%
exercise n minum air		1	0.1%
exercise zumba		1	0.1%
exercise, makan rebus		1	0.1%
exercise, minum air		2	0.2%
exercise, water, hygine food		1	0.1%
exercise,minum air		1	0.1%
exercising		1	0.1%
exercuse a lot		1	0.1%
exrercise		1	0.1%
garam berqualiti		1	0.1%
garam gunung		1	0.1%
garam gunung fr0m forlife		1	0.1%
garam pada masakan secubit sahaja		1	0.1%
grill, minum jus.		1	0.1%
gunakan garam bukit dlm masakan, kurangkan pengambilan garam		1	0.1%
gym		1	0.1%
healthy diet home cooking,avoid outside salty food		1	0.1%
healthy food		1	0.1%
herbs		1	0.1%
himalayan salt		1	0.1%
himalayas salt, mixed herbs		1	0.1%
ikut masakannya ada mnggunakn herbs		1	0.1%
inda makan mlm		1	0.1%

jarang mengunakan ajinamoto		1	0.1%
jogging		11	1.2%
jogging swimming football		1	0.1%
junk food doesn't consume and processed food		1	0.1%
just don't eat the salty food		1	0.1%
kawal dari segi masakan		1	0.1%
kicap		2	0.2%
knak-knak tidak mkn buah dn sayuran		1	0.1%
kukus		1	0.1%
kurang ambilan garam		1	0.1%
kurang garam dalam masakan		1	0.1%
kurang garam dalam masakan dan banyak minum air		1	0.1%
kurang garam dlm makanan		1	0.1%
kurang garam in food prep		1	0.1%
kurang kan air. secukup garam		1	0.1%
kurang kan garam		1	0.1%
kurang kn garam atau pakai kicap		1	0.1%
kurang kn makanan masin		1	0.1%
kurang makan ikan masin		1	0.1%
kurang makan nasi		1	0.1%
kurang masin		1	0.1%
kurang penggunaan garam		1	0.1%
kurangi makanan masin		1	0.1%
kurangjn garam dlm msk kn		1	0.1%
kurangkan		1	0.1%
kurangkan air supaya tidak rasa tawar		1	0.1%
kurangkan dalam pengambilan garam		1	0.1%
kurangkan garam		2	0.2%
kurangkan garam contoh merebus		1	0.1%
kurangkan garam dalam masakan		3	0.3%
kurangkan garam dlm makanan		1	0.1%
kurangkan garam dlm masak kn		1	0.1%
kurangkan garam dlm masakan		1	0.1%
kurangkan garam dlm masakan spt masak ayam kicap		1	0.1%
kurangkan garam semasa memasak		1	0.1%
kurangkan garan jika makanan sudah terasa masih		1	0.1%
kurangkan garzm dan banyak minum air		1	0.1%
kurangkan jumlah garam dalam makanan		1	0.1%
kurangkan jumlah garam dalam masakan		2	0.2%

kurangkan makan		1	0.1%
kurangkan makanan junk food. banyak minum air.		1	0.1%
kurangkan pengambilan garam pada setiap masakan		1	0.1%
kurangkan sira		1	0.1%
kurangkn garam		1	0.1%
lada sulah		1	0.1%
less eat		1	0.1%
less salt		1	0.1%
less salt intake		1	0.1%
less salty		4	0.4%
less salty food		1	0.1%
less salty foods		1	0.1%
less sugar, more drinking water, controlling rice.		1	0.1%
lifting		1	0.1%
lower salt consumption		1	0.1%
main bola		1	0.1%
makaN loww fat foood		1	0.1%
makan amping		1	0.1%
makan berebus		1	0.1%
makan buah		1	0.1%
makan buah n salad		1	0.1%
makan buah sayur		1	0.1%
makan carrot kangkung dan sayuran lebih		1	0.1%
makan daun herba		1	0.1%
makan dirumah		1	0.1%
makan ikan masin		1	0.1%
makan lobak masin dan ikan masin		1	0.1%
makan makanan rebus		1	0.1%
makan oat		1	0.1%
makan omega and bawang putih and vitamin c		1	0.1%
makan panggang		1	0.1%
makan roti oatmeal		1	0.1%
makan secukupnya selalu membeli kedai		1	0.1%
makan supplements and herbs		1	0.1%
makan yang berebus		1	0.1%
masak ayam pki oven		1	0.1%
masak di rumah		1	0.1%
masak rabus		1	0.1%
masak rebus		1	0.1%

masak sendiri	1	0.1%
masak sendiri drumah dengan rendah garam	1	0.1%
masak steam	1	0.1%
masak yang berebus	1	0.1%
masakan sup	1	0.1%
masukkan air lebih jika masin	1	0.1%
masukkan fresh fruit juices	1	0.1%
melakukan aktiviti luar seperti jogging,berkayuh regata dan bermain bola	1	0.1%
melakukan aktiviti silat	1	0.1%
melakukan senaman	1	0.1%
melakukan senaman ringan	1	0.1%
memasak masakan sup	1	0.1%
membanyakkan minum air	1	0.1%
membuat sup tanpa garam	1	0.1%
membuat sup tawar	1	0.1%
meminum air banyak	1	0.1%
meminum banyak	1	0.1%
meminum banyak air	36	3.8%
meminum banyak air dan buat sup tawar	1	0.1%
meminum banyak air dan menggurangkan penggunaan garam dalam masakan	1	0.1%
meminum banyak minum	1	0.1%
menambah banyak air dlm masakan	1	0.1%
mengambil supplement dan meningkatkan pengambilan air	1	0.1%
menggunakan garam asli	1	0.1%
menggurangkan penggunaan garam	1	0.1%
menghindari dri mkn yg masin	1	0.1%
mengubah cara pemakanan	1	0.1%
mengurangi atau menghadkan garam dlm masakan	1	0.1%
mengurangi garam dlm msk kn	1	0.1%
mengurangkan garam	1	0.1%
mengurangkan garam dalam masakkan / memakan biskut yg mengadungi hi-fibre.	1	0.1%
mengurangkan garam dlm makanan	1	0.1%
mengurangkan jumlah garam dalam masakan	2	0.2%
mengurangkan kadar garam	1	0.1%
mengurangkan kadar garam dlm masakan	1	0.1%
mengurangkan makan masin sebab darah tinggi	1	0.1%
mengurangkan sodium intake	1	0.1%
mengurangkan telur/ikan masin	1	0.1%
mengurangkn garam dlm pemasak kn	1	0.1%

mengurgkknn garam dlm pmknn		1	0.1%
mengurngkn garam dlm permakanan		1	0.1%
menhindari dari makan makanan garam tinggi eg. ikan masin telur masin		1	0.1%
menukar garam , tidak mengunakan sapak udang pusu cuma bawang		1	0.1%
menukar garam kepada secukup rasa/kiub		1	0.1%
menukar jenis sira		1	0.1%
menyedari akan akibat pengaambilan garam		1	0.1%
menyukat garam		1	0.1%
merebus makanan		1	0.1%
merequest untuk mngurgkn garam bila mkn dluar		1	0.1%
miinum air		1	0.1%
minta restaurant untuk kurangkan kandungan garam		1	0.1%
minum		1	0.1%
minum air		160	16.8%
minum air 1.5l		1	0.1%
minum air and do a lot exercise		1	0.1%
minum air and exercise		2	0.2%
minum air andd exercise		1	0.1%
minum air banyak		18	1.9%
minum air banyak dalam sehari		1	0.1%
minum air banyak dan bersukan		1	0.1%
minum air banyak-banyak		1	0.1%
minum air barli		1	0.1%
minum air bnyk exercise gym		1	0.1%
minum air dan exercise		1	0.1%
minum air dan jogging		1	0.1%
minum air dan sukan		1	0.1%
minum air daun belalai gajah ubat tradisional		1	0.1%
minum air dlm 1.5 to 2 litre		1	0.1%
minum air exercise		4	0.4%
minum air exercise betanam		1	0.1%
minum air kosong		1	0.1%
minum air lemon		1	0.1%
minum air more than 1.5l		1	0.1%
minum air peria rebus		1	0.1%
minum air putih		4	0.4%
minum air putih banyak		1	0.1%
minum air putih dan exercise		1	0.1%
minum air secukupnya		1	0.1%

minum air yg banyak		5	0.5%
minum air yg bnyak		1	0.1%
minum air,		1	0.1%
minum air, bersenam		1	0.1%
minum air, buah, bersenam		1	0.1%
minum air, eexercise		1	0.1%
minum air, exercise		2	0.2%
minum air, jogging		2	0.2%
minum air, masak berabus		1	0.1%
minum air, minum chlorophyl, exercise		1	0.1%
minum airputih		1	0.1%
minum bamboo souce		1	0.1%
minum banyak air		8	0.8%
minum banyak air dan buatt sup tawar		1	0.1%
minum banyak air dan senaman		1	0.1%
minum banyak air dan sup tawar		1	0.1%
minum banyak garam		1	0.1%
minum byk air		1	0.1%
minum jus		1	0.1%
minum litre, 2 ke 3 botol bsr		1	0.1%
minum minuman detox		1	0.1%
minum minuman herba		1	0.1%
minum water banyak		1	0.1%
minumair		4	0.4%
minumair putih		1	0.1%
minumam air dan balance diet		1	0.1%
minuman air bersukan		1	0.1%
minuman air dan senaman		1	0.1%
minuman water pagi and exercise		1	0.1%
minumm air		2	0.2%
minuum banyak air		1	0.1%
miunum air		1	0.1%
miunum minuman juice		1	0.1%
mkn roti		1	0.1%
mkn sayur,		1	0.1%
more activity		1	0.1%
more fruits		1	0.1%
more water		1	0.1%
nasi katok		1	0.1%

no ajinamoto		1	0.1%
no garam		1	0.1%
no salt in food sometimes		1	0.1%
not too much salt		1	0.1%
order food that have lower salt compared to others		1	0.1%
oven or steam		1	0.1%
oyster sauce, alternative		1	0.1%
packed lunch and drink lots of water. do physical activities		1	0.1%
pakai garam perang		1	0.1%
pakai limau, asam		1	0.1%
pakai plant		1	0.1%
pengambilan air putih		2	0.2%
pengambilan makanan berproses dikurangkan		1	0.1%
phsical activity		1	0.1%
pilih makanan		1	0.1%
pilih merebus daripada menggoreng		1	0.1%
prefer steam		1	0.1%
prefer steam instead of fried food		1	0.1%
preferred steam and grill		1	0.1%
preferred steam foods		1	0.1%
puasa		2	0.2%
put less salt		1	0.1%
rabus		4	0.4%
rajin buat kerja rumah		1	0.1%
rasa sebelum makan		1	0.1%
rebus		2	0.2%
rebus, kukus		1	0.1%
reduce amount of salt in cooking		1	0.1%
reduce salt		1	0.1%
reduce salt in food		1	0.1%
remph		1	0.1%
riadhah minum air		1	0.1%
running and going to the gym		1	0.1%
salad, elak makan malam		1	0.1%
salt natural, grilled food and not taking carbohydrate and now diet protein		1	0.1%
santan		2	0.2%
sea salt and himalayan salt		1	0.1%
secukup rasa		1	0.1%
sekiranya makan diluar, meminta agar kurang masin		1	0.1%

senaman		8	0.8%
senaman dan minum air		1	0.1%
senaman membersihikan rumah		1	0.1%
serbuk perasa		1	0.1%
small amount of salts used		1	0.1%
sometimes not using salt only sauces		1	0.1%
sos cili		1	0.1%
sos tiram		2	0.2%
sos tiram sos fish		1	0.1%
sport		1	0.1%
sports		11	1.2%
steam		1	0.1%
steam and lessen salt		1	0.1%
steam n roasted food with low sodium		1	0.1%
stiap hari mkn sayur		1	0.1%
sugar		1	0.1%
sukan		5	0.5%
sukan dan minum air		1	0.1%
sup		1	0.1%
sup tawar		1	0.1%
suppliment		1	0.1%
take less salt		1	0.1%
taking supplement		1	0.1%
tambah air		6	0.6%
tambah air n buah		1	0.1%
tambah air pda masak kn kalau masin		1	0.1%
tambah air utk kurgkn garam		1	0.1%
tambah gula		1	0.1%
tell the waitress to put less salt in their food		1	0.1%
tiada		15	1.6%
tidak menAMBAH GARAM KEPADA YANG MAsin		1	0.1%
tidak menambah aji namoto		1	0.1%
tidak menambah sira dalam masak kan		1	0.1%
tidak menambahgaram dlm masakkan yg bercampur sos masin		1	0.1%
tidak menggalakkan makanan yang kurang sihat		1	0.1%
tidak menggunakan garam		1	0.1%
tidak menggunakan garam semasa menggoreng		1	0.1%
tidak mengunakan ajinamoto		2	0.2%
tidak mengunakan garam		1	0.1%

tidak mnmbh garam dlm mskn		1	0.1%
tukar cara masakan ke merebus		1	0.1%
tym emergensi,nada masa kn makan,sibuk,di luar kawalan.		1	0.1%
untuk masakan ikan rebus		1	0.1%
use bazel leaf		1	0.1%
use minimal amounts of salt		1	0.1%
use organic salt		1	0.1%
use other alternative;garam gunung		1	0.1%
use small teaspoon		1	0.1%
using alkaline powder		1	0.1%
using natural salt		2	0.2%
water		3	0.3%
zumba dan minum air		1	0.1%

D12: oil used most often

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 18   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Vegetable oil	3202	84.1%
2	Lard or suet	29	0.8%
3	Butter or ghee	15	0.4%
4	Margarine	4	0.1%
5	Other	443	11.6%
6	None in particular	84	2.2%
7	None used	6	0.2%
77	Don't know	25	0.7%

D12OTHER: other oil

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Width: 53   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
.		3365	88.4%
0live oil		1	0%
Afiat		1	0%
Bromoli		1	0%
Buruh		11	0.3%
Buruh, Suncho,		1	0%
Cap bunga matahari		1	0%
Lazaria		2	0.1%
Matahari		1	0%
Matahari dan zaitun		1	0%
Minyak Buruh		1	0%
Minyak Buruh dan minyak sunto		1	0%
Minyak Munah		1	0%
Minyak Reiser		1	0%
Minyak Sunco		1	0%
Minyak Sunto		2	0.1%
Minyak buruh dan olive oil		1	0%
Natural		1	0%
Olive oil		2	0.1%
Olive oil/canola oil		1	0%
Raizer dan Lazatria		1	0%
Sablis		1	0%
Sanco		1	0%
Siri murni dan leaf oil		1	0%
SunCo		1	0%
SunCo, sawit		1	0%
Sunco		8	0.2%
Sunflower		1	0%
Sunflower oil/soya		1	0%
afiat		1	0%
bean oil		1	0%
bimoli		1	0%
blend of canola and sunflower oil		1	0%
bliss		1	0%
buruh		64	1.7%

buruh , olive		1	0%
buruh dan jagung		2	0.1%
buruh dan matahari		1	0%
buruh dan minyak sayuran		1	0%
buruh dan sunco		1	0%
buruh dan zaitun		1	0%
buruh n murni		1	0%
buruh, seri murni		1	0%
buruh, sunrise		1	0%
buruh/reiser		1	0%
canola		2	0.1%
canola & sunflower		1	0%
canola oil		2	0.1%
canorla		1	0%
cap buruh		1	0%
cap jagung		1	0%
coconut oil		1	0%
extra virgin olive oil		1	0%
grape seed		2	0.1%
grapeseed oil		1	0%
groundnut oil		1	0%
jagung		10	0.3%
jagung and olive		2	0.1%
jagung, matahari, olive		1	0%
jagung,zaiton		1	0%
kanola		1	0%
kelapa sawit		3	0.1%
knife dan buruh		1	0%
lazania		1	0%
lazaria		1	0%
lazaria buruh		1	0%
leaf oil		1	0%
majerin, minyak sayur		1	0%
matahari		1	0%
mazola		2	0.1%
mazola/gamdum		1	0%
minyak Kanola		1	0%
minyak benjola		1	0%
minyak buroh		1	0%

minyak buruh		18	0.5%
minyak buruh atau murni		1	0%
minyak buruh kelapa sawit		1	0%
minyak buruh,matahari		1	0%
minyak canola		1	0%
minyak corala		1	0%
minyak jagung		5	0.1%
minyak jagung n sabli		1	0%
minyak jagung, olive oil		1	0%
minyak kelapa sawit		2	0.1%
minyak lazaria		1	0%
minyak murni		2	0.1%
minyak raize		1	0%
minyak sanco		1	0%
minyak sawit		1	0%
minyak sayur, mentega, ghee		1	0%
minyak seri murni		1	0%
minyak seri murni dan minyak buruh		1	0%
minyak soya		1	0%
minyak sunco		1	0%
minyak sunflower		3	0.1%
minyak yg mengurangkan cholestrol minyak cap matahari		1	0%
minyak zaitun		3	0.1%
muna		2	0.1%
murni		1	0%
murni dan matahari		2	0.1%
murni, jagung,sunflower		1	0%
naturel		1	0%
olive		23	0.6%
olive , buruh , jagung		1	0%
olive and naturel		1	0%
olive and sayur		1	0%
olive and sunflower		1	0%
olive and sunflower oil		1	0%
olive n palm oil		1	0%
olive n sunflower oil		1	0%
olive oil		52	1.4%
olive oil & minyak Jagung		1	0%
olive oil and marzola		1	0%

olive oil and mazolla corn oil		1	0%
olive oil and vegetable oil		1	0%
olive oil dan sun flower		1	0%
olive oil minyak zaitun		1	0%
olive oil or corn oil		1	0%
olive oil, minyak jagung		1	0%
olive oil, sunco dan buruh		1	0%
olive, jagung		1	0%
olive, sayur		1	0%
olive,buruh		1	0%
olive,mazola		1	0%
olive,sunflower		1	0%
olive/buruh		1	0%
olive/floral		1	0%
omega		1	0%
omega dan sunco		1	0%
palm oil		1	0%
planta dan minyak jagung		1	0%
pressure cooker yang tidak menggunakan minyak		1	0%
pure sunflower oil		1	0%
raiser		1	0%
reiser		3	0.1%
sayur and olive oil		1	0%
sayuran		1	0%
seri lazat		1	0%
seri murni dan buruh		1	0%
seri murni dan sunco		1	0%
seri murni kelapa sawit		1	0%
soyabean oil and olive oil		1	0%
sun flower		3	0.1%
sun flower and olive		1	0%
sun flower, olive oil		1	0%
sunc0		1	0%
sunco		37	1%
sunco and olive		1	0%
sunco dan kacang soya		1	0%
sunco dan sunflower		1	0%
suncorp		1	0%
sunflower		18	0.5%

sunflower dan Canola		1	0%
sunflower dan buruh		1	0%
sunflower oil		10	0.3%
sunflower oil dan olive oil		1	0%
sunflower seed oil		2	0.1%
sunflower,olive,venola		1	0%
sunflower,sunco		1	0%
twin leaves / reiser		1	0%
twinleaf		1	0%
vegetable and olive oil		1	0%
zaiton		3	0.1%
zaitun		7	0.2%
zaitun and sun flower oil		1	0%
zaitun, sunflower, sunco		1	0%
zaituun		1	0%

D13: meals per week outside home

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 0   Maximum: 77   Mean: 6.379   Standard deviation: 16.484
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P1: vig activity at work

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	689	18.1%
2	no	3119	81.9%

P2: vig activity at work: days per week

Data file: brn2015

Overview

Valid: 689   Invalid: 3119   Minimum: 1   Maximum: 77   Mean: 5.647   Standard deviation: 10.863
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

P3A: vig activity at work: hours per day

Data file: brn2015

Overview

Valid: 673   Invalid: 3135   Minimum: 0   Maximum: 77   Mean: 4.394   Standard deviation: 12.671
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P3B: vig activity at work: mins per day

Data file: brn2015

Overview

Valid: 673   Invalid: 3135   Minimum: 0   Maximum: 77   Mean: 12.079   Standard deviation: 17.51
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P11: vig leisure activity: days per week

Data file: brn2015

Overview

Valid: 1103   Invalid: 2705   Minimum: 1   Maximum: 77   Mean: 4.224   Standard deviation: 9.313
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

P4: mod activity at work

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2085	54.8%
2	no	1723	45.2%

P5: mod activity at work: days per week

Data file: brn2015

Overview

Valid: 2085   Invalid: 1723   Minimum: 1   Maximum: 77   Mean: 6.146   Standard deviation: 9.856
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

P6A: mod activity at work: hours per day

Data file: brn2015

Overview

Valid: 2047   Invalid: 1761   Minimum: 0   Maximum: 77   Mean: 4.57   Standard deviation: 13.949
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P6B: mod activity at work: mins per day

Data file: brn2015

Overview

Valid: 2047   Invalid: 1761   Minimum: 0   Maximum: 77   Mean: 13.415   Standard deviation: 18.343
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P7: active transport

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1878	49.3%
2	no	1930	50.7%

P8: active transport: days per week

Data file: brn2015

Overview

Valid: 1878   Invalid: 1930   Minimum: 1   Maximum: 77   Mean: 7.111   Standard deviation: 13.717
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

P9A: active transport: hours per day

Data file: brn2015

Overview

Valid: 1810   Invalid: 1998   Minimum: 0   Maximum: 77   Mean: 3.497   Standard deviation: 13.942
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P9B: active transport: mins per day

Data file: brn2015

Overview

Valid: 1810   Invalid: 1998   Minimum: 0   Maximum: 77   Mean: 16.856   Standard deviation: 17.655
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P10: vig leisure activity

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1103	29%
2	no	2705	71%

P12A: vig leisure activity: hours per day

Data file: brn2015

Overview

Valid: 1086   Invalid: 2722   Minimum: 0   Maximum: 77   Mean: 2.158   Standard deviation: 8.35
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P12B: vig leisure activity: mins per day

Data file: brn2015

Overview

Valid: 1086   Invalid: 2722   Minimum: 0   Maximum: 77   Mean: 14.494   Standard deviation: 17.607
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P13: mod leisure activity

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1475	38.7%
2	no	2333	61.3%

P14: mod leisure activity: days per week

Data file: brn2015

Overview

Valid: 1475   Invalid: 2333   Minimum: 1   Maximum: 77   Mean: 4.52   Standard deviation: 10.981
Type: Continuous   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

P15A: mod leisure activity: hours per day

Data file: brn2015

Overview

Valid: 1443   Invalid: 2365   Minimum: 0   Maximum: 77   Mean: 2.24   Standard deviation: 9.399
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P15B: mod leisure activity: mins per day

Data file: brn2015

Overview

Valid: 1443   Invalid: 2365   Minimum: 0   Maximum: 77   Mean: 15.173   Standard deviation: 17.424
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P16A: sedentary time: hours per day

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 0   Maximum: 77   Mean: 9.621   Standard deviation: 19.369
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

P16B: sedentary time: mins per day

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 0   Maximum: 77   Mean: 9.623   Standard deviation: 21.609
Type: Continuous   Decimal: 0   Width: 10   Range: 0 - 77   Format: Numeric

H1: BP measured

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	3085	81%
2	no	723	19%

H2A: told had high BP

Data file: brn2015

Overview

Valid: 3085   Invalid: 723
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1190	38.6%
2	no	1895	61.4%
Sysmiss		723	

H2B: told had high BP in past 12 mos

Data file: brn2015

Overview

Valid: 1190   Invalid: 2618
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	624	52.4%
2	no	566	47.6%
Sysmiss		2618	

H3: taken meds for high BP

Data file: brn2015

Overview

Valid: 1190   Invalid: 2618
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	820	68.9%
2	no	370	31.1%
Sysmiss		2618	

H4: seen trad'l healer for high BP

Data file: brn2015

Overview

Valid: 1190   Invalid: 2618
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	134	11.3%
2	no	1056	88.7%
Sysmiss		2618	

H5: taking trad'l meds for high BP

Data file: brn2015

Overview

Valid: 1190   Invalid: 2618
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	157	13.2%
2	no	1033	86.8%
Sysmiss		2618	

H6: gluc measured

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2471	64.9%
2	no	1337	35.1%

H7A: told had high gluc

Data file: brn2015

Overview

Valid: 2471   Invalid: 1337
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	507	20.5%
2	no	1964	79.5%
Sysmiss		1337	

H7B: told had high gluc in past 12 mos

Data file: brn2015

Overview

Valid: 507   Invalid: 3301
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	302	59.6%
2	no	205	40.4%
Sysmiss		3301	

H8: taken meds for high gluc

Data file: brn2015

Overview

Valid: 507   Invalid: 3301
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	376	74.2%
2	no	131	25.8%
Sysmiss		3301	

H9: taking insulin for high gluc

Data file: brn2015

Overview

Valid: 507   Invalid: 3301
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	117	23.1%
2	no	390	76.9%
Sysmiss		3301	

H10: seen trad'l healer for high gluc

Data file: brn2015

Overview

Valid: 507   Invalid: 3301
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	44	8.7%
2	no	463	91.3%
Sysmiss		3301	

H11: taking trad'l meds for high gluc

Data file: brn2015

Overview

Valid: 507   Invalid: 3301
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	84	16.6%

| 2 | no | 423 | 83.4% |
| Sysmiss | | 3301 | |

H12: chol measured

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2416	63.4%
2	no	1392	36.6%

H13A: told had high chol

Data file: brn2015

Overview

Valid: 2416   Invalid: 1392
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	937	38.8%
2	no	1479	61.2%
Sysmiss		1392	

H13B: told had high chol in past 12 mos

Data file: brn2015

Overview

Valid: 937   Invalid: 2871
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	508	54.2%
2	no	429	45.8%
Sysmiss		2871	

H14: taken meds for high chol

Data file: brn2015

Overview

Valid: 937   Invalid: 2871
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	602	64.2%
2	no	335	35.8%
Sysmiss		2871	

H15: seen trad'l healer for high chol

Data file: brn2015

Overview

Valid: 937   Invalid: 2871
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	56	6%
2	no	881	94%
Sysmiss		2871	

H16: taking trad'l meds for high chol

Data file: brn2015

Overview

Valid: 937   Invalid: 2871
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	98	10.5%
2	no	839	89.5%
Sysmiss		2871	

H17: had heart attack or stroke

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	246	6.5%
2	no	3562	93.5%

H18: currently taking aspirin

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	129	3.4%
2	no	3679	96.6%

H19: currently taking statins

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	146	3.8%
2	no	3662	96.2%

H20A: advised to not smoke

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	839	22%
2	no	2969	78%

H20B: advised to reduce salt

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1526	40.1%

2	no	2282	59.9%

H20E: advised to do pa

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1874	49.2%
2	no	1934	50.8%

H20F: advised to lose weight

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1888	49.6%
2	no	1920	50.4%

H20D: advised to reduce fat

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

| 1 | yes | 1967 | 51.7% |
| 2 | no | 1841 | 48.3% |

H20C: advised to eat fruit/veg

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	2016	52.9%
2	no	1792	47.1%

S1: ever had faeces examined for blood

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	760	20%
2	no	2992	78.6%
77		56	1.5%

S2: ever had colonoscopy

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	301	7.9%
2	no	3481	91.4%
77		26	0.7%

S3: ever had prostate exam

Data file: brn2015

Overview

Valid: 1677   Invalid: 2131
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	109	6.5%
2	no	1552	92.5%
77		16	1%
Sysmiss		2131	

S4: ever shown how to examine breasts

Data file: brn2015

Overview

Valid: 2131   Invalid: 1677
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1157	54.3%
2	no	959	45%
77		15	0.7%
Sysmiss		1677	

S5: last breast exam by medical professional

Data file: brn2015

Overview

Valid: 2131   Invalid: 1677
Type: Discrete   Decimal: 0   Width: 19   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1 yr or less	478	22.4%
2	between 1 and 2 yrs	121	5.7%
3	more than 2 yrs	598	28.1%
4	never	884	41.5%
77	don't know	50	2.3%
Sysmiss		1677	

S6: last mammogram

Data file: brn2015

Overview

Valid: 2131   Invalid: 1677
Type: Discrete   Decimal: 0   Width: 19   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1 yr or less	79	3.7%
2	between 1 and 2 yrs	26	1.2%
3	more than 2 yrs	135	6.3%
4	never	1849	86.8%
77	don't know	42	2%
Sysmiss		1677	

CX1: cerv cancer screening

Data file: brn2015

Overview

Valid: 2132   Invalid: 1676
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 77   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	1203	56.4%
2	no	908	42.6%
77		21	1%
Sysmiss		1676	

M3: cuff size

Data file: brn2015

Overview

Valid: 2082   Invalid: 1726
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 3   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	small	2018	96.9%
2	medium	64	3.1%
3	large	0	0%
Sysmiss		1726	

M4A: BP reading 1: systolic

Data file: brn2015

Overview

Valid: 2079   Invalid: 1729   Minimum: 17   Maximum: 229   Mean: 129.186   Standard deviation: 19.922
Type: Continuous   Decimal: 0   Width: 10   Range: 17 - 229   Format: Numeric

M4B: BP reading 1: diastolic

Data file: brn2015

Overview

Valid: 2079   Invalid: 1729   Minimum: 47   Maximum: 144   Mean: 80.425   Standard deviation: 11.598
Type: Continuous   Decimal: 0   Width: 10   Range: 47 - 144   Format: Numeric

M5A: BP reading 2: systolic

Data file: brn2015

Overview

Valid: 1887   Invalid: 1921   Minimum: 79   Maximum: 227   Mean: 125.25   Standard deviation: 18.881
Type: Continuous   Decimal: 0   Width: 10   Range: 79 - 227   Format: Numeric

M5B: BP reading 2: diastolic

Data file: brn2015

Overview

Valid: 1887   Invalid: 1921   Minimum: 48   Maximum: 143   Mean: 79.614   Standard deviation: 11.617
Type: Continuous   Decimal: 0   Width: 10   Range: 48 - 143   Format: Numeric

M6A: BP reading 3: systolic

Data file: brn2015

Overview

Valid: 1867   Invalid: 1941   Minimum: 15   Maximum: 217   Mean: 124.093   Standard deviation: 19.197
Type: Continuous   Decimal: 0   Width: 10   Range: 15 - 217   Format: Numeric

M6B: BP reading 3: diastolic

Data file: brn2015

Overview

Valid: 1867   Invalid: 1941   Minimum: 43   Maximum: 140   Mean: 79.319   Standard deviation: 11.523
Type: Continuous   Decimal: 0   Width: 10   Range: 43 - 140   Format: Numeric

M7: took raised BP meds in past 2 weeks

Data file: brn2015

Overview

Valid: 1848   Invalid: 1960
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		393	21.3%
2		1455	78.7%
Sysmiss		1960	

M8: pregnant

Data file: brn2015

Overview

Valid: 2082   Invalid: 1726
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	17	0.8%
2	no	2065	99.2%
Sysmiss		1726	

M11: height (cm)

Data file: brn2015

Overview

Valid: 1898   Invalid: 1910   Minimum: 132   Maximum: 184   Mean: 157.639   Standard deviation: 8.368
Type: Continuous   Decimal: 0   Width: 10   Range: 132 - 184   Format: Numeric

M12: weight (kg)

Data file: brn2015

Overview

Valid: 2016   Invalid: 1792   Minimum: 31.2   Maximum: 138.3   Mean: 68.881   Standard deviation: 15.474
Type: Continuous   Decimal: 0   Width: 10   Range: 31.200001 - 138.3   Format: Numeric

M14: waist circumference (cm)

Data file: brn2015

Overview

Valid: 1870   Invalid: 1938   Minimum: 28   Maximum: 193   Mean: 87.738   Standard deviation: 13.906
Type: Continuous   Decimal: 0   Width: 10   Range: 28 - 193   Format: Numeric

M15: hip circumference (cm)

Data file: brn2015

Overview

Valid: 1868   Invalid: 1940   Minimum: 33.5   Maximum: 165   Mean: 101.128   Standard deviation: 11.015
Type: Continuous   Decimal: 0   Width: 10   Range: 33.5 - 165   Format: Numeric

M16A: heart rate reading 1

Data file: brn2015

Overview

Valid: 1835   Invalid: 1973   Minimum: 39   Maximum: 147   Mean: 74.213   Standard deviation: 12.4
Type: Continuous   Decimal: 0   Width: 10   Range: 39 - 147   Format: Numeric

M16B: heart rate reading 2

Data file: brn2015

Overview

Valid: 1837   Invalid: 1971   Minimum: 42   Maximum: 138   Mean: 74.016   Standard deviation: 12.156
Type: Continuous   Decimal: 0   Width: 10   Range: 42 - 138   Format: Numeric

M16C: heart rate reading 3

Data file: brn2015

Overview

Valid: 1835   Invalid: 1973   Minimum: 39   Maximum: 137   Mean: 74.088   Standard deviation: 12.049
Type: Continuous   Decimal: 0   Width: 10   Range: 39 - 137   Format: Numeric

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

Data file: brn2015

Overview

Valid: 1836   Invalid: 1972
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	47	2.6%

| 2 | no | 1789 | 97.4% |
| Sysmiss | | 1972 | |

B5: fasting blood glucose (mmol/l)

Data file: brn2015

Overview

Valid: 1964   Invalid: 1844   Minimum: 2.4   Maximum: 31   Mean: 5.457   Standard deviation: 2.117
Type: Continuous   Decimal: 0   Width: 10   Range: 2.4000001 - 31   Format: Numeric

B6: took insulin today

Data file: brn2015

Overview

Valid: 1798   Invalid: 2010
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	131	7.3%
2	no	1667	92.7%
Sysmiss		2010	

B8: total cholesterol (mmol/l)

Data file: brn2015

Overview

Valid: 1951   Invalid: 1857   Minimum: 1.58   Maximum: 9.41   Mean: 5.054   Standard deviation: 1.026
Type: Continuous   Decimal: 0   Width: 10   Range: 1.58 - 9.4099998   Format: Numeric

B9: chol meds taken in past 2 weeks

Data file: brn2015

Overview

Valid: 1784   Invalid: 2024
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	338	18.9%
2	no	1446	81.1%
Sysmiss		2024	

B10: fasting prior to urine collection

Data file: brn2015

Overview

Valid: 1836   Invalid: 1972
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 2   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	yes	273	14.9%
2	no	1563	85.1%
Sysmiss		1972	

B14: urinary sodium

Data file: brn2015

Overview

Valid: 1969   Invalid: 1839   Minimum: 19.9   Maximum: 329   Mean: 114.579   Standard deviation: 62.16
Type: Continuous   Decimal: 0   Width: 10   Range: 19.9 - 329   Format: Numeric

B15: urinary creatinine

Data file: brn2015

Overview

Valid: 1775   Invalid: 2033   Minimum: 0.5   Maximum: 235   Mean: 12.47   Standard deviation: 10.769
Type: Continuous   Decimal: 0   Width: 10   Range: 0.5 - 235   Format: Numeric

B16: triglycerides (mmol/l)

Data file: brn2015

Overview

Valid: 1952   Invalid: 1856   Minimum: 0.32   Maximum: 13.56   Mean: 1.419   Standard deviation: 0.887
Type: Continuous   Decimal: 0   Width: 10   Range: 0.31999999 - 13.56   Format: Numeric

B17: hdl cholesterol (mmol/l)

Data file: brn2015

Overview

Valid: 1940   Invalid: 1868   Minimum: 0.58   Maximum: 118   Mean: 1.326   Standard deviation: 2.67
Type: Continuous   Decimal: 0   Width: 10   Range: 0.57999998 - 118   Format: Numeric

AGERANGE: ageranges for which survey was designed

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Width: 5   Range: -   Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
18-29		984	25.8%
30-44		1127	29.6%
45-59		1145	30.1%
60-69		552	14.5%

STRATUM: stratum (district)

Data file: brn2015

Overview

Valid: 3808   Invalid: 0
Type: Discrete   Decimal: 0   Width: 10   Range: 1 - 4   Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2694	70.7%
2		611	16%
3		83	2.2%

4		420	11%

WSTEP1: final analysis weight for step 1 variables (interview)

Data file: brn2015

Overview

Valid: 3808   Invalid: 0   Minimum: 6.816   Maximum: 312.461   Mean: 49.107   Standard deviation: 40.892
Type: Continuous   Decimal: 0   Width: 10   Range: 6.815742 - 312.46149   Format: Numeric   Weighted: yes

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

Data file: brn2015

Overview

Valid: 2082   Invalid: 1726   Minimum: 6.34   Maximum: 308.867   Mean: 50.615   Standard deviation: 42.164
Type: Continuous   Decimal: 0   Width: 10   Range: 6.3395333 - 308.86713   Format: Numeric   Weighted: yes

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

Data file: brn2015

Overview

Valid: 2018   Invalid: 1790   Minimum: 6.221   Maximum: 316.903   Mean: 50.954   Standard deviation: 43.13
Type: Continuous   Decimal: 0   Width: 10   Range: 6.2205181 - 316.90347   Format: Numeric   Weighted: yes

study_resources

questionnaires

Questionnaire (English)

title	Questionnaire (English)
filename	BRN_Questionnaire_English.pdf

Questionnaire (Malay)

title	Questionnaire (Malay)
filename	BRN_Questionnaire_Malay.pdf

reports

Fact Sheet

title	Fact Sheet
filename	Brunei_Darussalam_STEPS_FS_2015_16.pdf

technical_documents

Generic STEPS Questionnaire (version 3.1)

title	Generic STEPS Questionnaire (version 3.1)
filename	STEPS_Instrument_V3_1.pdf