

# STEPwise Survey for Non Communicable Diseases Risk Factor 2009

**Ministry of Health**

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visit\_data\_catalog\_at: <http://catalog.ihsn.org/>

## Identification

### SURVEY ID NUMBER

VNM\_2009\_STEPS\_v01\_M

### TITLE

STEPwise Survey for Non Communicable Diseases Risk Factor 2009

### ABBREVIATION OR ACRONYM

STEPS 2009

### COUNTRY

Name	Country code
Vietnam	VNM

### STUDY TYPE

Other Household Survey [hh/oth]

### SERIES INFORMATION

This is the first STEPS conducted by Vietnam.

### ABSTRACT

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

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Individuals

## Version

### VERSION DESCRIPTION

Public-use dataset

## Scope

### NOTES

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

### TOPICS

Topic	Vocabulary
STEPS	Survey

### KEYWORDS

Keyword
noncommunicable diseases
risk factors
health surveys

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

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

Adults aged 25-64 years.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
Ministry of Health

## Sampling

### SAMPLING PROCEDURE

A multi-stage sampling with stratification was used to produce representative data for that age range in Viet Nam.

### RESPONSE RATE

The overall response rate was 64.1%.

### WEIGHTING

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

Different weight variables are available per Step:

wStep1 - for interview data

wStep2 - for physical measures

wStep3 - for biochemical measures

This allows for differences in the weight calculation for each Step of the survey as the age-sex composition of the respondents to each Step can differ slightly due to refusal or drop out.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2009-06	2009-10

### DATA COLLECTION MODE

Face-to-face [f2f]

### DATA COLLECTION NOTES

Accutrend devices were used to obtain blood glucose and cholesterol measurements.

## Access policy

### CONTACTS

Name	Affiliation	Email	URL
NCD Surveillance Team	World Health Organization	ncdmonitoring@who.int	<a href="#">Link</a>

### 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	<a href="#">Link</a>

## 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\_VNM\_2009\_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

2020-03-24

## DDI DOCUMENT VERSION

Identical to a metadata (VNM\_2009\_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**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>vnm2009</b> National public-use dataset	14608	112



**Data file: vnm2009**

National public-use dataset

Cases: 14608

variables: 112

**variables**

ID	Name	Label	Question
V235	pid	participant ID - unique record ID	
V241	sex	sex	
V242	age	age for analysis	
V243	c4	yrs of education	
V244	c5	ethnic background	
V245	c6	highest level of education	
V246	c7	work status	
V247	t1	current smoking	
V248	t2	current daily smoking	
V249	t3	age started smoking	
V250	t4a	time since started smoking (years)	
V251	t4b	time since started smoking (months)	
V252	t4c	time since started smoking (weeks)	
V253	t5a	manufactured cigs smoked per day	
V254	t5b	hand-rolled cigs smoked per day	
V255	t5c	pipes smoked per day	
V256	t5d	cigars smoked per day	
V257	t5e	other smoked per day	
V258	t5other	specify other product smoked	
V259	t6	past daily smoking	
V260	t7	age quit smoking	
V261	t8a	time since quitting smoking (years)	
V262	t8b	time since quitting smoking (months)	
V263	t8c	time since quitting smoking (weeks)	
V264	t9	current smokeless tobacco use	
V265	t10	current daily smokeless tobacco use	
V266	a1a	ever drank alcohol	
V267	a1b	drank alcohol in past 12 mos	
V268	a2	freq drinking in past 12 mos	
V269	a3	average drinks in one day	
V270	a4	drank alcohol in past 30 days	
V271	a5a	number of drinks consumed last Monday	
V272	a5b	number of drinks consumed last Tuesday	
V273	a5c	number of drinks consumed last Wednesday	
V274	a5d	number of drinks consumed last Thursday	
V275	a5e	number of drinks consumed last Friday	
V276	a5f	number of drinks consumed last Saturday	

ID	Name	Label	Question
V277	a5g	number of drinks consumed last Sunday	
V278	a6	largest number drinks on single occasion past 12 months	
V279	d1	days fruit eaten per week	
V280	d2	servings fruit eaten per day	
V281	d3	days veg eaten per week	
V282	d4	servings veg eaten per day	
V283	p1	vig activity at work	
V284	p2	vig activity at work: days per week	
V285	p3a	vig activity at work: hours per day	
V286	p3b	vig activity at work: mins per day	
V287	p4	mod activity at work	
V288	p5	mod activity at work: days per week	
V289	p6a	mod activity at work: hours per day	
V290	p6b	mod activity at work: mins per day	
V291	p7	active transport	
V292	p8	active transport: days per week	
V293	p9a	active transport: hours per day	
V294	p9b	active transport: mins per day	
V295	p10	vig leisure activity	
V296	p11	vig leisure activity: days per week	
V297	p12a	vig leisure activity: hours per day	
V298	p12b	vig leisure activity: mins per day	
V299	p13	mod leisure activity	
V300	p14	mod leisure activity: days per week	
V301	p15a	mod leisure activity: hours per day	
V302	p15b	mod leisure activity: mins per day	
V303	p16a	sedentary time: hours per day	
V304	p16b	sedentary time: mins per day	
V305	h1	BP last measured	
V306	h2	told had high BP in past 12 mos	
V307	h3a	currently receiving for high BP: drugs	
V308	h3b	currently receiving for high BP: advice to reduce salt intake	
V309	h3c	currently receiving for high BP: advice/treatment to lose weight	
V310	h3d	currently receiving for high BP: advice/treatment to stop smoking	
V311	h3e	currently receiving for high BP: advice/treatment to exercise more	
V312	h4	seen trad'l healer for high BP in past 12 mos	
V313	h5	taking trad'l meds for high BP	
V314	h6	gluc measured	
V315	h7	told had high gluc in past 12 mos	
V316	h8a	currently receiving for high gluc: insulin	
V317	h8b	currently receiving for high gluc: drugs	
V318	h8c	currently receiving for high gluc: special diet	
V319	h8d	currently receiving for high gluc: advice/treatment to lose weight	
V320	h8e	currently receiving for high gluc: advice/treatment to stop smoking	
V321	h8f	currently receiving for high gluc: advice/treatment to exercise more	

ID	Name	Label	Question
V322	h9	seen trad'l healer for high gluc in past 12 mos	
V323	h10	taking trad'l meds for high gluc	
V324	m2a	device ID (height)	
V325	m2b	device ID (weight)	
V326	m3	height (cm)	
V327	m4	weight (kg)	
V328	m5	pregnant	
V329	m6	device ID (waist)	
V330	m7	waist circumference (cm)	
V331	m9	device ID (blood pressure)	
V332	m10	cuff size	
V333	m11a	BP reading 1: systolic	
V334	m11b	BP reading 1: diastolic	
V335	m12a	BP reading 2: systolic	
V336	m12b	BP reading 2: diastolic	
V337	m13a	BP reading 3: systolic	
V338	m13b	BP reading 3: diastolic	
V339	m14	took raised BP meds in past 2 weeks	
V340	b1	ate/drank in past 12 hours (fasting status)	
V341	b3	gluc device ID	
V342	b4	time blood sample taken	
V343	b5	fasting blood glucose (mmol/l)	
V344	b6	cholesterol device ID	
V345	b7	total cholesterol (mg/dl)	
V346	agerange	ageranges for which survey was designed	
V347	wstep1	final analysis weight for step 1 (interview) - pop adjusted only	
V348	wstep2	final analysis weight for step 2 (physical measures) - pop adjusted only	
V349	wstep3	final analysis weight for step 3 (biochemical measures) - pop adjusted only	
V350	stratum	stratum	
V351	psu	psu	

total: 112



**PID: participant ID - unique record ID****Data file: vnm2009****Overview**

Valid: 14608    Invalid: 0    Minimum: 1    Maximum: 14781    Mean: 7343.569    Standard deviation: 4249.567  
 Type: Continuous    Decimal: 0    Width: 9    Range: 1 - 14781    Format: Numeric

**SEX: sex****Data file: vnm2009****Overview**

Valid: 14608    Invalid: 0  
 Type: Discrete    Width: 5    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Men		6744	46.2%
Women		7864	53.8%

**AGE: age for analysis****Data file: vnm2009****Overview**

Valid: 14608    Invalid: 0    Minimum: 25    Maximum: 64    Mean: 45.292    Standard deviation: 11.12  
 Type: Continuous    Decimal: 0    Width: 8    Range: 25 - 64    Format: Numeric

**C4: yrs of education****Data file: vnm2009****Overview**

Valid: 14570    Invalid: 38  
 Type: Discrete    Decimal: 0    Width: 10    Range: 0 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		621	4.3%
1		195	1.3%
2		562	3.9%

3		707	4.9%
4		834	5.7%
5		1449	9.9%
6		1110	7.6%
7		2328	16%
8		711	4.9%
9		1555	10.7%
10		869	6%
11		320	2.2%
12		1214	8.3%
13		246	1.7%
14		369	2.5%
15		318	2.2%
16		320	2.2%
17		151	1%
18		79	0.5%
19		40	0.3%
20		33	0.2%
21		7	0%
22		4	0%
23		2	0%
24		5	0%
25		2	0%
26		1	0%
77	Don't know	101	0.7%
88	Don't know	3	0%
99	Don't know	414	2.8%
Sysmiss		38	

## C5: ethnic background

Data file: vnm2009

### Overview

Valid: 14606    Invalid: 2  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category	Cases	
1		12144	83.1%
2		2427	16.6%
5		1	0%
99	Don't know	34	0.2%
Sysmiss		2	

## C6: highest level of education

Data file: vnm2009

### Overview

Valid: 14604 Invalid: 4  
 Type: Discrete Decimal: 0 Width: 28 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	No formal schooling	758	5.2%
2	Less than primary school	2421	16.6%
3	Primary school completed	3920	26.8%
4	Secondary school completed	3980	27.3%
5	High school completed	1781	12.2%
6	College/University completed	1624	11.1%
7	Post graduate degree	91	0.6%
77	Don't know	2	0%
88	Refused	2	0%
99	Don't know	25	0.2%
Sysmiss		4	

## C7: work status

Data file: vnm2009

### Overview

Valid: 14607 Invalid: 1  
 Type: Discrete Decimal: 0 Width: 27 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Government employee	1353	9.3%
2	Non-government employee	1046	7.2%
3	Self-employed	8306	56.9%
4	Non-paid	16	0.1%
5	Student	30	0.2%
6	Homemaker	1462	10%
7	Retired	1013	6.9%
8	Unemployed (able to work)	102	0.7%
9	Unemployed (unable to work)	179	1.2%
10		1096	7.5%
88	Refused	1	0%
99	Don't know	3	0%
Sysmiss		1	

## T1: current smoking

Data file: vnm2009

### Overview

Valid: 5406 Invalid: 9202

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	3934	72.8%
2	No	1465	27.1%
99	Don't know	7	0.1%
Sysmiss		9202	

## T2: current daily smoking

Data file: vnm2009

### Overview

Valid: 3952 Invalid: 10656

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	3750	94.9%
2	No	194	4.9%
99	Don't know	8	0.2%
Sysmiss		10656	

### T3: age started smoking

Data file: vnm2009

### Overview

Valid: 3751 Invalid: 10857

Type: Discrete Decimal: 0 Width: 10 Range: 6 - 99 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
6		2	0.1%
7		13	0.3%
8		8	0.2%
9		7	0.2%
10		36	1%
11		11	0.3%
12		55	1.5%
13		57	1.5%
14		74	2%
15		214	5.7%
16		236	6.3%
17		280	7.5%
18		642	17.1%
19		153	4.1%
20		740	19.7%
21		105	2.8%
22		195	5.2%
23		93	2.5%
24		85	2.3%

25		269	7.2%
26		54	1.4%
27		36	1%
28		35	0.9%
29		13	0.3%
30		103	2.7%
31		7	0.2%
32		13	0.3%
33		4	0.1%
34		5	0.1%
35		24	0.6%
36		3	0.1%
37		5	0.1%
38		3	0.1%
39		2	0.1%
40		21	0.6%
41		3	0.1%
42		2	0.1%
43		3	0.1%
44		2	0.1%
45		7	0.2%
46		2	0.1%
47		1	0%
48		1	0%
49		1	0%
50		5	0.1%
52		3	0.1%
53		1	0%
54		1	0%
55		2	0.1%
58		1	0%
59		1	0%
60		2	0.1%
61		1	0%
62		2	0.1%
63		1	0%
77	Don't know	49	1.3%
88	Don't know	2	0.1%
99	Don't know	55	1.5%

Sysmiss		10857	
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## T4A: time since started smoking (years)

Data file: vnm2009

### Overview

Valid: 133 Invalid: 14475

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1	0.8%
2		4	3%
3		4	3%
4		1	0.8%
5		3	2.3%
6		6	4.5%
7		3	2.3%
8		2	1.5%
9		1	0.8%
10		12	9%
12		3	2.3%
13		1	0.8%
14		1	0.8%
15		6	4.5%
16		1	0.8%
17		1	0.8%
18		5	3.8%
19		3	2.3%
20		7	5.3%
21		2	1.5%
24		1	0.8%
25		3	2.3%
27		2	1.5%
28		1	0.8%
29		3	2.3%
30		5	3.8%

32		1	0.8%
33		1	0.8%
34		2	1.5%
35		1	0.8%
38		1	0.8%
40		4	3%
41		1	0.8%
42		1	0.8%
45		2	1.5%
50		1	0.8%
51		1	0.8%
77	Don't know	14	10.5%
99	Don't know	21	15.8%
Sysmiss		14475	

#### T4B: time since started smoking (months)

Data file: vnm2009

##### Overview

Valid: 36 Invalid: 14572

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

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		2	5.6%
77	Don't know	14	38.9%
99	Don't know	20	55.6%
Sysmiss		14572	

#### T4C: time since started smoking (weeks)

Data file: vnm2009

##### Overview

Valid: 36 Invalid: 14572

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		2	5.6%
77	Don't know	14	38.9%
99	Don't know	20	55.6%
Sysmiss		14572	

### T5A: manufactured cigs smoked per day

Data file: vnm2009

#### Overview

Valid: 3709 Invalid: 10899

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		581	15.7%
1		25	0.7%
2		100	2.7%
3		129	3.5%
4		85	2.3%
5		279	7.5%
6		98	2.6%
7		101	2.7%
8		63	1.7%
9		4	0.1%
10		925	24.9%
11		4	0.1%
12		35	0.9%
13		11	0.3%
14		8	0.2%
15		236	6.4%
16		11	0.3%
17		7	0.2%
18		11	0.3%

20		878	23.7%
23		1	0%
24		4	0.1%
25		10	0.3%
26		1	0%
28		1	0%
30		23	0.6%
35		2	0.1%
40		21	0.6%
50		3	0.1%
60		2	0.1%
77	Don't know	10	0.3%
99	Don't know	40	1.1%
Sysmiss		10899	

## T5B: hand-rolled cigs smoked per day

Data file: vnm2009

### Overview

Valid: 3076 Invalid: 11532

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2659	86.4%
2		6	0.2%
3		8	0.3%
4		6	0.2%
5		9	0.3%
6		2	0.1%
7		2	0.1%
10		5	0.2%
15		7	0.2%
20		6	0.2%
77	Don't know	125	4.1%
88	Don't know	1	0%
99	Don't know	240	7.8%

Sysmiss

11532

**T5C: pipes smoked per day****Data file: vnm2009****Overview**

Valid: 3127 Invalid: 11481

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2080	66.5%
1		8	0.3%
2		27	0.9%
3		23	0.7%
4		28	0.9%
5		63	2%
6		31	1%
7		27	0.9%
8		12	0.4%
9		1	0%
10		192	6.1%
11		1	0%
12		13	0.4%
13		1	0%
14		2	0.1%
15		78	2.5%
16		4	0.1%
20		134	4.3%
25		8	0.3%
30		36	1.2%
35		1	0%
40		9	0.3%
50		5	0.2%
77	Don't know	130	4.2%
88	Don't know	1	0%
99	Don't know	212	6.8%

Sysmiss		11481	
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## T5D: cigars smoked per day

Data file: vnm2009

### Overview

Valid: 3071 Invalid: 11537

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2701	88%
15		1	0%
20		3	0.1%
77	Don't know	124	4%
88	Don't know	1	0%
99	Don't know	241	7.8%
Sysmiss		11537	

## T5E: other smoked per day

Data file: vnm2009

### Overview

Valid: 3071 Invalid: 11537

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2703	88%
1		2	0.1%
77	Don't know	124	4%
88	Don't know	1	0%
99	Don't know	241	7.8%
Sysmiss		11537	

**T5OTHER: specify other product smoked****Data file: vnm2009****Overview**

Valid: 1638 Invalid: 0

Type: Discrete Width: 22 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
.		1	0.1%
0		1511	92.2%
2		10	0.6%
2 lang/thang		1	0.1%
7		1	0.1%
77		2	0.1%
88		1	0.1%
99		91	5.6%
999		1	0.1%
9999		15	0.9%
\		1	0.1%
thuoc lao 2 lang/thang		2	0.1%
thuoc lao: 2lang/thang		1	0.1%

**T6: past daily smoking****Data file: vnm2009****Overview**

Valid: 1647 Invalid: 12961

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	1323	80.3%
2	No	295	17.9%
77	Don't know	1	0.1%
99	Don't know	28	1.7%
Sysmiss		12961	

**T7: age quit smoking****Data file:** vnm2009**Overview**

Valid: 1313    Invalid: 13295

Type: Discrete    Decimal: 0    Width: 10    Range: 6 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
6		5	0.4%
7		1	0.1%
8		1	0.1%
9		4	0.3%
10		13	1%
12		2	0.2%
13		2	0.2%
14		6	0.5%
15		3	0.2%
16		7	0.5%
17		1	0.1%
18		10	0.8%
19		5	0.4%
20		15	1.1%
21		11	0.8%
22		16	1.2%
23		18	1.4%
24		16	1.2%
25		45	3.4%
26		15	1.1%
27		16	1.2%
28		25	1.9%
29		21	1.6%
30		62	4.7%
31		17	1.3%
32		28	2.1%
33		22	1.7%
34		21	1.6%

35		50	3.8%
36		29	2.2%
37		26	2%
38		34	2.6%
39		17	1.3%
40		87	6.6%
41		16	1.2%
42		21	1.6%
43		30	2.3%
44		22	1.7%
45		44	3.4%
46		12	0.9%
47		24	1.8%
48		32	2.4%
49		15	1.1%
50		53	4%
51		19	1.4%
52		28	2.1%
53		20	1.5%
54		20	1.5%
55		35	2.7%
56		17	1.3%
57		14	1.1%
58		15	1.1%
59		13	1%
60		15	1.1%
61		7	0.5%
62		9	0.7%
63		7	0.5%
64		5	0.4%
77	Don't know	88	6.7%
88	Don't know	2	0.2%
99	Don't know	79	6%
Sysmiss		13295	

**T8A: time since quitting smoking (years)**

**Data file: vnm2009**

**Overview**

Valid: 210    Invalid: 14398

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		3	1.4%
1		10	4.8%
2		17	8.1%
3		16	7.6%
4		10	4.8%
5		19	9%
6		6	2.9%
7		7	3.3%
9		5	2.4%
10		21	10%
11		2	1%
12		1	0.5%
13		4	1.9%
14		2	1%
15		10	4.8%
16		1	0.5%
18		2	1%
19		2	1%
20		2	1%
23		1	0.5%
35		1	0.5%
37		1	0.5%
48		1	0.5%
77	Don't know	14	6.7%
99	Don't know	52	24.8%
Sysmiss		14398	

**T8B: time since quitting smoking (months)**

Data file: vnm2009

**Overview**

Valid: 74    Invalid: 14534

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1	1.4%
1		3	4.1%
2		4	5.4%
3		2	2.7%
4		1	1.4%
6		1	1.4%
8		1	1.4%
10		1	1.4%
77	Don't know	12	16.2%
99	Don't know	48	64.9%
Sysmiss		14534	

## T8C: time since quitting smoking (weeks)

Data file: vnm2009

### Overview

Valid: 63    Invalid: 14545

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1	1.6%
1		1	1.6%
2		1	1.6%
77	Don't know	11	17.5%
99	Don't know	49	77.8%
Sysmiss		14545	

## T9: current smokeless tobacco use

Data file: vnm2009

**Overview**

Valid: 14596    Invalid: 12  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	154	1.1%
2	No	14405	98.7%
99	Don't know	37	0.3%
Sysmiss		12	

**T10: current daily smokeless tobacco use**

Data file: vnm2009

**Overview**

Valid: 207    Invalid: 14401  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	83	40.1%
2	No	81	39.1%
99	Don't know	43	20.8%
Sysmiss		14401	

**A1A: ever drank alcohol**

Data file: vnm2009

**Overview**

Valid: 14601    Invalid: 7  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	6714	46%

2	No	7882	54%
99	Don't know	5	0%
Sysmiss		7	

## A1B: drank alcohol in past 12 mos

Data file: vnm2009

### Overview

Valid: 6756 Invalid: 7852

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	6234	92.3%
2	No	496	7.3%
99	Don't know	26	0.4%
Sysmiss		7852	

## A2: freq drinking in past 12 mos

Data file: vnm2009

### Overview

Valid: 6263 Invalid: 8345

Type: Discrete Decimal: 0 Width: 26 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Daily	1046	16.7%
2	5 -6 days per week	329	5.3%
3	1-4 days per week	1643	26.2%
4	1-3 days per month	1915	30.6%
5	less than 1 time per month	1289	20.6%
77	don't know	22	0.4%
88	refused	4	0.1%
99	don't know	15	0.2%
Sysmiss		8345	

**A3: average drinks in one day****Data file:** vnm2009**Overview**

Valid: 6258    Invalid: 8350

Type: Discrete    Decimal: 0    Width: 10    Range: 0 - 99.9000015258789    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2	0%
0.100000001490116		28	0.4%
0.200000002980232		4	0.1%
0.300000011920929		13	0.2%
0.400000005960464		1	0%
0.5		166	2.7%
0.600000023841858		2	0%
0.699999988079071		5	0.1%
0.800000011920929		8	0.1%
1		1197	19.1%
1.29999995231628		1	0%
1.5		141	2.3%
1.60000002384186		1	0%
1.70000004768372		1	0%
2		1072	17.1%
2.5		20	0.3%
3		818	13.1%
3.09999990463257		1	0%
3.5		14	0.2%
4		577	9.2%
4.5		110	1.8%
4.69999980926514		1	0%
5		458	7.3%
5.5		2	0%
6		555	8.9%
6.19999980926514		36	0.6%
6.30000019073486		34	0.5%
6.5		9	0.1%

6.59999990463257		2	0%
7		100	1.6%
7.5		60	1%
8		243	3.9%
8.5		2	0%
8.60000038146973		1	0%
8.69999980926514		3	0%
8.80000019073486		1	0%
9		31	0.5%
10		219	3.5%
10.1000003814697		2	0%
10.5		5	0.1%
10.6000003814697		1	0%
11		5	0.1%
12		87	1.4%
12.1000003814697		1	0%
12.5		58	0.9%
13		14	0.2%
14		11	0.2%
14.5		1	0%
15		24	0.4%
16		23	0.4%
16.5		1	0%
16.6000003814697		1	0%
17		6	0.1%
18		6	0.1%
18.7000007629395		1	0%
19		1	0%
20		18	0.3%
21		2	0%
24		1	0%
25		10	0.2%
30		4	0.1%
40		1	0%
60		1	0%
62.5		1	0%
77	Don't know	9	0.1%
77.6999969482422		2	0%
88	Don't know	2	0%

88.8000030517578		1	0%
99	Don't know	2	0%
99.9000015258789		17	0.3%
Sysmiss		8350	

#### A4: drank alcohol in past 30 days

Data file: vnm2009

##### Overview

Valid: 6247 Invalid: 8361

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

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	5057	81%
2	No	1138	18.2%
99	Don't know	52	0.8%
Sysmiss		8361	

#### A5A: number of drinks consumed last Monday

Data file: vnm2009

##### Overview

Valid: 5058 Invalid: 9550

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		3096	61.2%
0.100000001490116		6	0.1%
0.200000002980232		2	0%
0.300000011920929		11	0.2%
0.5		60	1.2%
0.600000023841858		3	0.1%
0.800000011920929		1	0%
1		352	7%

1.5		55	1.1%
2		346	6.8%
2.5		10	0.2%
2.59999990463257		1	0%
3		258	5.1%
3.5		9	0.2%
3.59999990463257		1	0%
4		176	3.5%
4.5		20	0.4%
4.69999980926514		1	0%
5		92	1.8%
6		171	3.4%
6.19999980926514		2	0%
6.30000019073486		13	0.3%
7		39	0.8%
7.5		10	0.2%
8		59	1.2%
8.69999980926514		1	0%
9		7	0.1%
10		54	1.1%
10.5		1	0%
11		3	0.1%
12		19	0.4%
12.5		22	0.4%
13		5	0.1%
14		3	0.1%
14.5		1	0%
15		5	0.1%
16		4	0.1%
17		2	0%
18		3	0.1%
18.7000007629395		1	0%
20		6	0.1%
23		1	0%
25		6	0.1%
30		3	0.1%
40		1	0%
77	Don't know	31	0.6%
77.6999969482422		16	0.3%

88.8000030517578		1	0%
99	Don't know	23	0.5%
99.9000015258789		45	0.9%
Sysmiss		9550	

## A5B: number of drinks consumed last Tuesday

Data file: vnm2009

### Overview

Valid: 5052 Invalid: 9556

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3087	61.1%
0.100000001490116		4	0.1%
0.200000002980232		3	0.1%
0.300000011920929		9	0.2%
0.5		57	1.1%
0.600000023841858		3	0.1%
0.800000011920929		1	0%
1		319	6.3%
1.5		46	0.9%
2		354	7%
2.5		9	0.2%
2.59999990463257		1	0%
3		240	4.8%
3.5		7	0.1%
4		194	3.8%
4.5		17	0.3%
5		115	2.3%
6		158	3.1%
6.19999980926514		1	0%
6.30000019073486		15	0.3%
6.5		1	0%
7		43	0.9%
7.5		10	0.2%

8		79	1.6%
8.69999980926514		2	0%
9		15	0.3%
9.5		1	0%
10		50	1%
10.5		3	0.1%
11		4	0.1%
12		22	0.4%
12.5		15	0.3%
13		3	0.1%
14		3	0.1%
15		12	0.2%
16		4	0.1%
17		3	0.1%
18		3	0.1%
20		5	0.1%
21		1	0%
22.5		1	0%
25		6	0.1%
30		3	0.1%
40		1	0%
60		1	0%
77	Don't know	30	0.6%
77.6999969482422		15	0.3%
88.8000030517578		1	0%
99	Don't know	25	0.5%
99.9000015258789		50	1%
Sysmiss		9556	

## A5C: number of drinks consumed last Wednesday

Data file: vnm2009

### Overview

Valid: 5044 Invalid: 9564

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3087	61.2%
0.100000001490116		6	0.1%
0.200000002980232		3	0.1%
0.300000011920929		10	0.2%
0.5		64	1.3%
0.600000023841858		2	0%
1		331	6.6%
1.5		46	0.9%
2		343	6.8%
2.5		11	0.2%
3		245	4.9%
3.5		10	0.2%
4		190	3.8%
4.5		10	0.2%
5		113	2.2%
5.5		1	0%
6		164	3.3%
6.19999980926514		6	0.1%
6.30000019073486		12	0.2%
6.5		1	0%
7		36	0.7%
7.5		14	0.3%
8		57	1.1%
8.5		1	0%
9		14	0.3%
10		52	1%
10.5		2	0%
11		6	0.1%
12		19	0.4%
12.5		20	0.4%
13		9	0.2%
14		2	0%
15		5	0.1%
16		8	0.2%
17		4	0.1%
18		6	0.1%
19		1	0%
20		7	0.1%

25		4	0.1%
30		3	0.1%
40		1	0%
55		1	0%
77	Don't know	29	0.6%
77.6999969482422		14	0.3%
88.8000030517578		1	0%
99	Don't know	24	0.5%
99.9000015258789		49	1%
Sysmiss		9564	

### A5D: number of drinks consumed last Thursday

Data file: vnm2009

#### Overview

Valid: 5048 Invalid: 9560

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3032	60.1%
0.100000001490116		5	0.1%
0.200000002980232		4	0.1%
0.300000011920929		11	0.2%
0.5		56	1.1%
0.600000023841858		2	0%
0.699999988079071		3	0.1%
0.800000011920929		2	0%
1		351	7%
1.5		40	0.8%
2		336	6.7%
2.5		7	0.1%
3		258	5.1%
3.5		10	0.2%
4		197	3.9%
4.5		21	0.4%
5		130	2.6%

5.5		1	0%
6		174	3.4%
6.19999980926514		2	0%
6.30000019073486		12	0.2%
7		42	0.8%
7.5		11	0.2%
8		61	1.2%
8.5		1	0%
9		16	0.3%
10		54	1.1%
10.5		1	0%
11		5	0.1%
12		23	0.5%
12.5		18	0.4%
13		4	0.1%
14		4	0.1%
15		10	0.2%
16		6	0.1%
16.6000003814697		1	0%
17		4	0.1%
18		4	0.1%
20		8	0.2%
25		8	0.2%
30		3	0.1%
40		1	0%
77	Don't know	29	0.6%
77.6999969482422		11	0.2%
88.8000030517578		1	0%
99	Don't know	18	0.4%
99.9000015258789		50	1%
Sysmiss		9560	

## A5E: number of drinks consumed last Friday

Data file: vnm2009

### Overview

Valid: 5044 Invalid: 9564

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		3066	60.8%
0.100000001490116		7	0.1%
0.200000002980232		4	0.1%
0.300000011920929		10	0.2%
0.5		56	1.1%
0.600000023841858		1	0%
0.800000011920929		2	0%
1		341	6.8%
1.5		41	0.8%
2		331	6.6%
2.5		12	0.2%
3		252	5%
3.5		6	0.1%
4		170	3.4%
4.5		24	0.5%
5		135	2.7%
6		182	3.6%
6.19999980926514		3	0.1%
6.30000019073486		13	0.3%
6.5		2	0%
7		41	0.8%
7.5		14	0.3%
8		51	1%
8.5		1	0%
9		13	0.3%
10		60	1.2%
10.5		1	0%
11		3	0.1%
12		23	0.5%
12.5		19	0.4%
13		9	0.2%
13.5		1	0%
14		3	0.1%
15		9	0.2%
16		8	0.2%

16.6000003814697		1	0%
17		4	0.1%
18		4	0.1%
20		8	0.2%
25		5	0.1%
30		2	0%
40		1	0%
77	Don't know	28	0.6%
77.6999969482422		12	0.2%
88.8000030517578		1	0%
99	Don't know	16	0.3%
99.9000015258789		48	1%
Sysmiss		9564	

### A5F: number of drinks consumed last Saturday

Data file: vnm2009

#### Overview

Valid: 5049 Invalid: 9559

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2951	58.4%
0.100000001490116		6	0.1%
0.200000002980232		5	0.1%
0.300000011920929		9	0.2%
0.400000005960464		1	0%
0.5		58	1.1%
0.600000023841858		3	0.1%
0.800000011920929		1	0%
1		324	6.4%
1.5		48	1%
2		332	6.6%
2.5		5	0.1%
2.59999990463257		1	0%
3		280	5.5%

3.5		10	0.2%
3.70000004768372		1	0%
4		211	4.2%
4.5		33	0.7%
5		117	2.3%
5.5		1	0%
6		175	3.5%
6.19999980926514		4	0.1%
6.30000019073486		12	0.2%
6.5		3	0.1%
7		65	1.3%
7.5		16	0.3%
8		63	1.2%
8.5		2	0%
8.69999980926514		2	0%
9		14	0.3%
10		77	1.5%
10.5		1	0%
11		3	0.1%
12		22	0.4%
12.5		19	0.4%
13		5	0.1%
14		4	0.1%
15		12	0.2%
16		7	0.1%
17		4	0.1%
18		3	0.1%
19		1	0%
20		8	0.2%
25		7	0.1%
30		4	0.1%
40		4	0.1%
62.5		1	0%
77	Don't know	28	0.6%
77.6999969482422		11	0.2%
88.8000030517578		1	0%
99	Don't know	22	0.4%
99.9000015258789		52	1%
Sysmiss		9559	

**A5G: number of drinks consumed last Sunday****Data file:** vnm2009**Overview**

Valid: 5049    Invalid: 9559

Type: Discrete    Decimal: 0    Width: 10    Range: 0 - 99.9000015258789    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		2962	58.7%
0.100000001490116		5	0.1%
0.200000002980232		3	0.1%
0.300000011920929		9	0.2%
0.5		53	1%
0.600000023841858		2	0%
0.699999988079071		1	0%
0.800000011920929		1	0%
1		338	6.7%
1.5		65	1.3%
1.79999995231628		1	0%
2		322	6.4%
2.5		13	0.3%
2.59999990463257		1	0%
3		272	5.4%
3.5		9	0.2%
4		204	4%
4.5		25	0.5%
4.69999980926514		1	0%
5		133	2.6%
5.5		1	0%
6		174	3.4%
6.19999980926514		2	0%
6.30000019073486		15	0.3%
6.5		2	0%
6.59999990463257		1	0%
7		43	0.9%
7.5		21	0.4%

8		68	1.3%
8.69999980926514		1	0%
9		13	0.3%
9.5		1	0%
10		66	1.3%
10.5		4	0.1%
11		4	0.1%
12		25	0.5%
12.5		21	0.4%
13		5	0.1%
13.5		1	0%
14		5	0.1%
15		16	0.3%
16		6	0.1%
17		3	0.1%
17.5		1	0%
18		4	0.1%
20		9	0.2%
20.5		1	0%
22.5		1	0%
23.5		1	0%
25		5	0.1%
30		2	0%
40		1	0%
77	Don't know	26	0.5%
77.6999969482422		13	0.3%
88.8000030517578		1	0%
99	Don't know	18	0.4%
99.9000015258789		48	1%
Sysmiss		9559	

## A6: largest number drinks on single occasion past 12 months

Data file: vnm2009

### Overview

Valid: 6262 Invalid: 8346

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		20	0.3%
0.100000001490116		18	0.3%
0.300000011920929		3	0%
0.400000005960464		1	0%
0.5		50	0.8%
0.600000023841858		4	0.1%
0.699999988079071		2	0%
0.800000011920929		3	0%
0.899999976158142		1	0%
1		461	7.4%
1.5		76	1.2%
2		561	9%
2.5		14	0.2%
3		561	9%
3.5		7	0.1%
4		465	7.4%
4.09999990463257		1	0%
4.30000019073486		1	0%
4.5		84	1.3%
4.80000019073486		1	0%
5		397	6.3%
5.30000019073486		1	0%
5.5		1	0%
6		567	9.1%
6.19999980926514		10	0.2%
6.30000019073486		8	0.1%
6.5		8	0.1%
6.80000019073486		1	0%
7		230	3.7%
7.5		90	1.4%
7.69999980926514		2	0%
8		378	6%
8.30000019073486		3	0%
8.5		2	0%
8.69999980926514		6	0.1%

8.80000019073486		1	0%
9		139	2.2%
9.19999980926514		1	0%
9.30000019073486		1	0%
9.39999961853027		2	0%
9.5		3	0%
9.80000019073486		1	0%
10		486	7.8%
10.5		43	0.7%
10.8000001907349		1	0%
11		28	0.4%
11.5		2	0%
11.6000003814697		1	0%
11.8000001907349		1	0%
12		395	6.3%
12.3000001907349		1	0%
12.5		131	2.1%
12.6999998092651		3	0%
13		35	0.6%
14		58	0.9%
14.3000001907349		2	0%
14.5		1	0%
15		235	3.8%
16		138	2.2%
16.2000007629395		1	0%
16.6000003814697		2	0%
17		33	0.5%
17.5		1	0%
18		45	0.7%
18.5		1	0%
18.7000007629395		15	0.2%
19		5	0.1%
19.5		1	0%
20		142	2.3%
20.5		1	0%
21		7	0.1%
21.5		1	0%
21.6000003814697		1	0%
22		5	0.1%

22.5		4	0.1%
23		2	0%
24		39	0.6%
25		65	1%
26		5	0.1%
27		2	0%
28		4	0.1%
29.3999996185303		1	0%
30		37	0.6%
31.2999992370606		1	0%
31.5		1	0%
32		2	0%
33		1	0%
33.2999992370606		2	0%
35		3	0%
37		1	0%
37.5		2	0%
40		11	0.2%
45		1	0%
48		2	0%
50		4	0.1%
56		1	0%
72		1	0%
77	Don't know	18	0.3%
77.6999969482422		5	0.1%
88		3	0%
88.8000030517578		1	0%
99	Don't know	5	0.1%
99.9000015258789		30	0.5%
Sysmiss		8346	

## D1: days fruit eaten per week

Data file: vnm2009

### Overview

Valid: 14605    Invalid: 3  
 Type: Discrete    Decimal: 0    Width: 10    Range: 0 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1543	10.6%
1		1856	12.7%
2		2858	19.6%
3		2444	16.7%
4		1031	7.1%
5		834	5.7%
6		322	2.2%
7		3603	24.7%
60		1	0%
77	Don't know	103	0.7%
88	Don't know	1	0%
99	Don't know	9	0.1%
Sysmiss		3	

## D2: servings fruit eaten per day

Data file: vnm2009

### Overview

Valid: 13088 Invalid: 1520

Type: Discrete Decimal: 0 Width: 10 Range: 0 - 99.9000015258789 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		45	0.3%
0.100000001490116		7	0.1%
0.200000002980232		4	0%
0.300000011920929		6	0%
0.400000005960464		1	0%
0.5		769	5.9%
0.600000023841858		5	0%
0.699999988079071		2	0%
1		7006	53.5%
1.20000004768372		1	0%

1.5		383	2.9%
1.60000002384186		2	0%
2		3218	24.6%
2.09999990463257		1	0%
2.5		24	0.2%
2.59999990463257		1	0%
3		755	5.8%
3.20000004768372		1	0%
3.5		10	0.1%
4		520	4%
4.5		1	0%
5		150	1.1%
5.5		1	0%
6		48	0.4%
7		8	0.1%
8		6	0%
10		8	0.1%
11		1	0%
15		4	0%
20		4	0%
22		1	0%
62		1	0%
77	Don't know	76	0.6%
77.6999969482422		5	0%
88		3	0%
99	Don't know	3	0%
99.9000015258789		7	0.1%
Sysmiss		1520	

### D3: days veg eaten per week

Data file: vnm2009

#### Overview

Valid: 14603    Invalid: 5  
 Type: Discrete    Decimal: 0    Width: 10    Range: 0 - 99    Format: Numeric

#### Questions and instructions

CATEGORIES

Value	Category	Cases	
0		78	0.5%
1		342	2.3%
2		308	2.1%
3		570	3.9%
4		581	4%
5		470	3.2%
6		456	3.1%
7		11768	80.6%
77	Don't know	23	0.2%
88	Don't know	1	0%
99	Don't know	6	0%
Sysmiss		5	

#### D4: servings veg eaten per day

Data file: vnm2009

##### Overview

Valid: 14530 Invalid: 78 Minimum: 0 Maximum: 99.9 Mean: 2.772 Standard deviation: 5.326  
 Type: Continuous Decimal: 0 Width: 3 Range: 0 - 99.9000015258789 Format: Numeric

#### P1: vig activity at work

Data file: vnm2009

##### Overview

Valid: 14576 Invalid: 32  
 Type: Discrete Decimal: 0 Width: 10 Range: 1 - 99 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	4313	29.6%
2	No	10244	70.3%
4		1	0%
77	Don't know	2	0%
99	Don't know	16	0.1%
Sysmiss		32	

**P2: vig activity at work: days per week****Data file: vnm2009****Overview**

Valid: 4335 Invalid: 10273

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		464	10.7%
2		820	18.9%
3		649	15%
4		332	7.7%
5		372	8.6%
6		282	6.5%
7		1383	31.9%
77	Don't know	14	0.3%
99	Don't know	19	0.4%
Sysmiss		10273	

**P3A: vig activity at work: hours per day****Data file: vnm2009****Overview**

Valid: 4334 Invalid: 10274

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		402	9.3%
1		458	10.6%
2		784	18.1%
3		527	12.2%
4		609	14.1%
5		171	3.9%
6		439	10.1%
7		150	3.5%

8		711	16.4%
9		15	0.3%
10		35	0.8%
11		2	0%
12		6	0.1%
16		1	0%
19		1	0%
77	Don't know	3	0.1%
88	Don't know	1	0%
99	Don't know	19	0.4%
Sysmiss		10274	

### P3B: vig activity at work: mins per day

Data file: vnm2009

#### Overview

Valid: 4334 Invalid: 10274

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

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3730	86.1%
1		4	0.1%
2		6	0.1%
3		2	0%
5		2	0%
6		1	0%
7		2	0%
8		1	0%
10		35	0.8%
15		63	1.5%
20		92	2.1%
25		6	0.1%
30		292	6.7%
40		15	0.3%
45		16	0.4%
50		40	0.9%

55		2	0%
77	Don't know	5	0.1%
88	Don't know	1	0%
99	Don't know	19	0.4%
Sysmiss		10274	

#### P4: mod activity at work

Data file: vnm2009

##### Overview

Valid: 14545 Invalid: 63

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

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	7760	53.4%
2	No	6764	46.5%
77	Don't know	1	0%
99	Don't know	20	0.1%
Sysmiss		63	

#### P5: mod activity at work: days per week

Data file: vnm2009

##### Overview

Valid: 7807 Invalid: 6801

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

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		178	2.3%
2		485	6.2%
3		716	9.2%
4		522	6.7%
5		814	10.4%
6		850	10.9%

7		4205	53.9%
77	Don't know	8	0.1%
88	Don't know	3	0%
99	Don't know	26	0.3%
Sysmiss		6801	

## P6A: mod activity at work: hours per day

Data file: vnm2009

### Overview

Valid: 7806 Invalid: 6802

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		571	7.3%
1		614	7.9%
2		1129	14.5%
3		1202	15.4%
4		1253	16.1%
5		576	7.4%
6		916	11.7%
7		242	3.1%
8		1117	14.3%
9		45	0.6%
10		84	1.1%
11		3	0%
12		16	0.2%
13		3	0%
18		1	0%
77	Don't know	6	0.1%
88	Don't know	1	0%
99	Don't know	27	0.3%
Sysmiss		6802	

**P6B: mod activity at work: mins per day****Data file: vnm2009****Overview**

Valid: 7807 Invalid: 6801

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		6713	86%
1		5	0.1%
2		8	0.1%
3		1	0%
4		1	0%
5		3	0%
6		4	0.1%
8		2	0%
10		72	0.9%
15		71	0.9%
17		1	0%
20		105	1.3%
25		13	0.2%
30		619	7.9%
35		4	0.1%
36		2	0%
38		1	0%
40		40	0.5%
45		34	0.4%
47		1	0%
50		71	0.9%
55		1	0%
77	Don't know	7	0.1%
88	Don't know	1	0%
99	Don't know	27	0.3%
Sysmiss		6801	

**P7: active transport****Data file: vnm2009**

**Overview**

Valid: 14598    Invalid: 10  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	8907	61%
2	No	5671	38.8%
77	Don't know	1	0%
99	Don't know	19	0.1%
Sysmiss		10	

**P8: active transport: days per week**

Data file: vnm2009

**Overview**

Valid: 8930    Invalid: 5678  
 Type: Discrete    Decimal: 0    Width: 10    Range: 0 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1	0%
1		167	1.9%
2		476	5.3%
3		598	6.7%
4		385	4.3%
5		571	6.4%
6		636	7.1%
7		6052	67.8%
77	Don't know	16	0.2%
88	Don't know	2	0%
99	Don't know	26	0.3%
Sysmiss		5678	

**P9A: active transport: hours per day****Data file: vnm2009****Overview**

Valid: 8923 Invalid: 5685

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		4041	45.3%
1		2570	28.8%
2		1082	12.1%
3		524	5.9%
4		375	4.2%
5		83	0.9%
6		85	1%
7		23	0.3%
8		84	0.9%
9		1	0%
10		20	0.2%
12		3	0%
14		1	0%
15		2	0%
20		1	0%
77	Don't know	8	0.1%
88	Don't know	1	0%
99	Don't know	19	0.2%
Sysmiss		5685	

**P9B: active transport: mins per day****Data file: vnm2009****Overview**

Valid: 8925 Invalid: 5683

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		4177	46.8%
1		2	0%
2		7	0.1%
3		7	0.1%
4		4	0%
5		11	0.1%
7		2	0%
10		283	3.2%
12		2	0%
13		1	0%
15		383	4.3%
17		2	0%
18		4	0%
20		829	9.3%
25		36	0.4%
30		2563	28.7%
35		10	0.1%
36		3	0%
39		1	0%
40		337	3.8%
45		122	1.4%
46		1	0%
48		1	0%
50		103	1.2%
55		4	0%
77	Don't know	9	0.1%
88	Don't know	1	0%
99	Don't know	20	0.2%
Sysmiss		5683	

## P10: vig leisure activity

Data file: vnm2009

### Overview

Valid: 4152 Invalid: 10456

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	529	12.7%
2	No	3508	84.5%
77	Don't know	1	0%
99	Don't know	114	2.7%
Sysmiss		10456	

### P11: vig leisure activity: days per week

Data file: vnm2009

#### Overview

Valid: 643 Invalid: 13965

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		47	7.3%
2		77	12%
3		71	11%
4		35	5.4%
5		35	5.4%
6		21	3.3%
7		246	38.3%
99	Don't know	111	17.3%
Sysmiss		13965	

### P12A: vig leisure activity: hours per day

Data file: vnm2009

#### Overview

Valid: 644 Invalid: 13964

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		240	37.3%
1		205	31.8%
2		62	9.6%
3		19	3%
4		4	0.6%
5		1	0.2%
10		1	0.2%
99	Don't know	112	17.4%
Sysmiss		13964	

### P12B: vig leisure activity: mins per day

Data file: vnm2009

#### Overview

Valid: 644 Invalid: 13964

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		233	36.2%
5		2	0.3%
7		3	0.5%
10		12	1.9%
15		45	7%
20		30	4.7%
25		4	0.6%
30		161	25%
40		16	2.5%
41		1	0.2%
45		22	3.4%
50		3	0.5%
77	Don't know	1	0.2%
99	Don't know	111	17.2%

Sysmiss		13964	
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### P13: mod leisure activity

Data file: vnm2009

#### Overview

Valid: 4206 Invalid: 10402

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	2907	69.1%
2	No	1250	29.7%
77	Don't know	1	0%
99	Don't know	48	1.1%
Sysmiss		10402	

### P14: mod leisure activity: days per week

Data file: vnm2009

#### Overview

Valid: 2960 Invalid: 11648

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		46	1.6%
2		137	4.6%
3		251	8.5%
4		141	4.8%
5		178	6%
6		159	5.4%
7		1999	67.5%
88	Don't know	1	0%
99	Don't know	48	1.6%
Sysmiss		11648	

**P15A: mod leisure activity: hours per day****Data file:** vnm2009**Overview**

Valid: 2958 Invalid: 11650

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1788	60.4%
1		916	31%
2		149	5%
3		30	1%
4		14	0.5%
6		3	0.1%
8		2	0.1%
10		1	0%
77	Don't know	1	0%
99	Don't know	54	1.8%
Sysmiss		11650	

**P15B: mod leisure activity: mins per day****Data file:** vnm2009**Overview**

Valid: 2958 Invalid: 11650

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		956	32.3%
1		1	0%
2		1	0%
3		1	0%
4		1	0%

5		8	0.3%
10		131	4.4%
14		1	0%
15		275	9.3%
16		1	0%
20		262	8.9%
22		1	0%
25		16	0.5%
26		1	0%
30		1013	34.2%
35		6	0.2%
40		84	2.8%
45		113	3.8%
50		27	0.9%
55		3	0.1%
77	Don't know	2	0.1%
99	Don't know	54	1.8%
Sysmiss		11650	

## P16A: sedentary time: hours per day

Data file: vnm2009

### Overview

Valid: 14590 Invalid: 18

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		540	3.7%
1		1661	11.4%
2		2950	20.2%
3		2708	18.6%
4		2685	18.4%
5		1079	7.4%
6		836	5.7%
7		304	2.1%
8		582	4%

9		271	1.9%
10		393	2.7%
11		45	0.3%
12		170	1.2%
13		47	0.3%
14		29	0.2%
15		25	0.2%
16		26	0.2%
17		9	0.1%
18		10	0.1%
19		1	0%
20		2	0%
23		1	0%
77	Don't know	38	0.3%
99	Don't know	178	1.2%
Sysmiss		18	

## P16B: sedentary time: mins per day

Data file: vnm2009

### Overview

Valid: 14574 Invalid: 34

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		12221	83.9%
1		8	0.1%
2		38	0.3%
3		6	0%
4		2	0%
5		4	0%
6		2	0%
7		1	0%
8		1	0%
10		30	0.2%
13		1	0%

15		94	0.6%
20		107	0.7%
25		5	0%
30		1719	11.8%
35		5	0%
40		34	0.2%
45		46	0.3%
50		39	0.3%
59		1	0%
60		1	0%
77	Don't know	32	0.2%
99	Don't know	177	1.2%
Sysmiss		34	

## H1: BP last measured

Data file: vnm2009

### Overview

Valid: 14604 Invalid: 4

Type: Discrete Decimal: 0 Width: 23 Range: 1 - 99 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	within past 12 months	7536	51.6%
2	1-5 years ago	2919	20%
3	not within past 5 years	4111	28.1%
77	don't know	12	0.1%
99	don't know	26	0.2%
Sysmiss		4	

## H2: told had high BP in past 12 mos

Data file: vnm2009

### Overview

Valid: 14588 Invalid: 20

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	1662	11.4%
2	No	12873	88.2%
77	Don't know	20	0.1%
99	Don't know	33	0.2%
Sysmiss		20	

### H3A: currently receiving for high BP: drugs

Data file: vnm2009

#### Overview

Valid: 1710 Invalid: 12898

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	807	47.2%
2	No	846	49.5%
77	Don't know	6	0.4%
99	Don't know	51	3%
Sysmiss		12898	

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

Data file: vnm2009

#### Overview

Valid: 1688 Invalid: 12920

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	1087	64.4%
2	No	509	30.2%

77	Don't know	3	0.2%
99	Don't know	89	5.3%
Sysmiss		12920	

### H3C: currently receiving for high BP: advice/treatment to lose weight

Data file: vnm2009

#### Overview

Valid: 1685 Invalid: 12923

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	694	41.2%
2	No	900	53.4%
77	Don't know	2	0.1%
99	Don't know	89	5.3%
Sysmiss		12923	

### H3D: currently receiving for high BP: advice/treatment to stop smoking

Data file: vnm2009

#### Overview

Valid: 1675 Invalid: 12933

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	562	33.6%
2	No	1000	59.7%
77	Don't know	4	0.2%
99	Don't know	109	6.5%
Sysmiss		12933	

**H3E: currently receiving for high BP: advice/treatment to exercise more****Data file: vnm2009****Overview**

Valid: 1682 Invalid: 12926

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	932	55.4%
2	No	652	38.8%
77	Don't know	2	0.1%
99	Don't know	96	5.7%
Sysmiss		12926	

**H4: seen trad'l healer for high BP in past 12 mos****Data file: vnm2009****Overview**

Valid: 1684 Invalid: 12924

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	183	10.9%
2	No	1408	83.6%
77	Don't know	2	0.1%
99	Don't know	91	5.4%
Sysmiss		12924	

**H5: taking trad'l meds for high BP****Data file: vnm2009****Overview**

Valid: 1688 Invalid: 12920

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	142	8.4%
2	No	1451	86%
77	Don't know	3	0.2%
99	Don't know	92	5.5%
Sysmiss		12920	

### H6: gluc measured

Data file: vnm2009

#### Overview

Valid: 14603    Invalid: 5  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	2381	16.3%
2	No	12208	83.6%
77	Don't know	3	0%
88	Don't know	1	0%
99	Don't know	10	0.1%
Sysmiss		5	

### H7: told had high gluc in past 12 mos

Data file: vnm2009

#### Overview

Valid: 14592    Invalid: 16  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	237	1.6%

2	No	14306	98%
77	Don't know	18	0.1%
88	Don't know	1	0%
99	Don't know	30	0.2%
Sysmiss		16	

## H8A: currently receiving for high gluc: insulin

Data file: vnm2009

### Overview

Valid: 195 Invalid: 14413

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	35	17.9%
2	No	121	62.1%
77	Don't know	6	3.1%
88	Don't know	1	0.5%
99	Don't know	32	16.4%
Sysmiss		14413	

## H8B: currently receiving for high gluc: drugs

Data file: vnm2009

### Overview

Valid: 196 Invalid: 14412

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	147	75%
2	No	23	11.7%
88	Don't know	1	0.5%
99	Don't know	25	12.8%
Sysmiss		14412	

**H8C: currently receiving for high gluc: special diet****Data file:** vnm2009**Overview**

Valid: 197 Invalid: 14411

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	155	78.7%
2	No	15	7.6%
88	Don't know	1	0.5%
99	Don't know	26	13.2%
Sysmiss		14411	

**H8D: currently receiving for high gluc: advice/treatment to lose weight****Data file:** vnm2009**Overview**

Valid: 197 Invalid: 14411

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	113	57.4%
2	No	57	28.9%
88	Don't know	1	0.5%
99	Don't know	26	13.2%
Sysmiss		14411	

**H8E: currently receiving for high gluc: advice/treatment to stop smoking****Data file:** vnm2009**Overview**

Valid: 196 Invalid: 14412

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	67	34.2%
2	No	93	47.4%
88	Don't know	1	0.5%
99	Don't know	35	17.9%
Sysmiss		14412	

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

Data file: vnm2009

#### Overview

Valid: 195 Invalid: 14413

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	126	64.6%
2	No	39	20%
88	Don't know	1	0.5%
99	Don't know	29	14.9%
Sysmiss		14413	

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

Data file: vnm2009

#### Overview

Valid: 195 Invalid: 14413

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	24	12.3%
2	No	140	71.8%

88	Don't know	1	0.5%
99	Don't know	30	15.4%
Sysmiss		14413	

## H10: taking trad'l meds for high gluc

Data file: vnm2009

### Overview

Valid: 196 Invalid: 14412

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

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	32	16.3%
2	No	133	67.9%
88	Don't know	1	0.5%
99	Don't know	30	15.3%
Sysmiss		14412	

## M2A: device ID (height)

Data file: vnm2009

### Overview

Valid: 14601 Invalid: 7 Minimum: 0 Maximum: 99 Mean: 1.168 Standard deviation: 3.945

Type: Continuous Decimal: 0 Width: 8 Range: 0 - 99 Format: Numeric

## M2B: device ID (weight)

Data file: vnm2009

### Overview

Valid: 14599 Invalid: 9 Minimum: 1 Maximum: 99 Mean: 2.383 Standard deviation: 6.01

Type: Continuous Decimal: 0 Width: 8 Range: 1 - 99 Format: Numeric

## M3: height (cm)

Data file: vnm2009

### Overview

Valid: 14600 Invalid: 8 Minimum: 57.2 Maximum: 999.9 Mean: 156.561 Standard deviation: 12.559

Type: Continuous    Decimal: 0    Width: 9    Range: 57.2000007629394 - 999.900024414062    Format: Numeric

#### **M4: weight (kg)**

Data file: vnm2009

##### **Overview**

Valid: 14601    Invalid: 7    Minimum: 25    Maximum: 999.9    Mean: 52.542    Standard deviation: 18.124  
 Type: Continuous    Decimal: 0    Width: 9    Range: 25 - 999.900024414062    Format: Numeric

#### **M5: pregnant**

Data file: vnm2009

##### **Overview**

Valid: 7144    Invalid: 7464  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

##### **Questions and instructions**

##### **CATEGORIES**

Value	Category	Cases	
1	Yes	52	0.7%
2	No	6620	92.7%
88	Don't know	1	0%
99	Don't know	471	6.6%
Sysmiss		7464	

#### **M6: device ID (waist)**

Data file: vnm2009

##### **Overview**

Valid: 14569    Invalid: 39    Minimum: 1    Maximum: 99    Mean: 3.233    Standard deviation: 4.703  
 Type: Continuous    Decimal: 0    Width: 8    Range: 1 - 99    Format: Numeric

#### **M7: waist circumference (cm)**

Data file: vnm2009

##### **Overview**

Valid: 14553    Invalid: 55    Minimum: 38.9    Maximum: 999    Mean: 73.391    Standard deviation: 20.834  
 Type: Continuous    Decimal: 0    Width: 9    Range: 38.9000015258789 - 999    Format: Numeric

**M9: device ID (blood pressure)****Data file:** vnm2009**Overview**

Valid: 14598    Invalid: 10    Minimum: 2    Maximum: 99    Mean: 6.053    Standard deviation: 12.164  
 Type: Continuous    Decimal: 0    Width: 8    Range: 2 - 99    Format: Numeric

**M10: cuff size****Data file:** vnm2009**Overview**

Valid: 14232    Invalid: 376  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	small	283	2%
2	medium	13716	96.4%
3	large	142	1%
99	don't know	91	0.6%
Sysmiss		376	

**M11A: BP reading 1: systolic****Data file:** vnm2009**Overview**

Valid: 14598    Invalid: 10    Minimum: 62    Maximum: 999    Mean: 125.803    Standard deviation: 23.757  
 Type: Continuous    Decimal: 0    Width: 8    Range: 62 - 999    Format: Numeric

**M11B: BP reading 1: diastolic****Data file:** vnm2009**Overview**

Valid: 14598    Invalid: 10    Minimum: 30    Maximum: 999    Mean: 76    Standard deviation: 19.055  
 Type: Continuous    Decimal: 0    Width: 8    Range: 30 - 999    Format: Numeric

**M12A: BP reading 2: systolic****Data file:** vnm2009

**Overview**

Valid: 14598    Invalid: 10    Minimum: 61    Maximum: 999    Mean: 123.496    Standard deviation: 23.131  
 Type: Continuous    Decimal: 0    Width: 8    Range: 61 - 999    Format: Numeric

**M12B: BP reading 2: diastolic**

**Data file:** vnm2009

**Overview**

Valid: 14598    Invalid: 10    Minimum: 30    Maximum: 999    Mean: 74.799    Standard deviation: 18.195  
 Type: Continuous    Decimal: 0    Width: 8    Range: 30 - 999    Format: Numeric

**M13A: BP reading 3: systolic**

**Data file:** vnm2009

**Overview**

Valid: 14344    Invalid: 264    Minimum: 72    Maximum: 999    Mean: 773.01    Standard deviation: 382.035  
 Type: Continuous    Decimal: 0    Width: 8    Range: 72 - 999    Format: Numeric

**M13B: BP reading 3: diastolic**

**Data file:** vnm2009

**Overview**

Valid: 14344    Invalid: 264    Minimum: 2    Maximum: 999    Mean: 759.951    Standard deviation: 403.987  
 Type: Continuous    Decimal: 0    Width: 8    Range: 2 - 999    Format: Numeric

**M14: took raised BP meds in past 2 weeks**

**Data file:** vnm2009

**Overview**

Valid: 14594    Invalid: 14  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	624	4.3%
2	No	13864	95%
77	Don't know	1	0%
99	Don't know	105	0.7%
Sysmiss		14	

**B1: ate/drank in past 12 hours (fasting status)****Data file:** vnm2009**Overview**

Valid: 14593    Invalid: 15  
 Type: Discrete    Decimal: 0    Width: 10    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	479	3.3%
2	No	13982	95.8%
22		1	0%
99	Don't know	131	0.9%
Sysmiss		15	

**B3: gluc device ID****Data file:** vnm2009**Overview**

Valid: 14556    Invalid: 52    Minimum: 2    Maximum: 99    Mean: 7.949    Standard deviation: 15.323  
 Type: Continuous    Decimal: 0    Width: 8    Range: 2 - 99    Format: Numeric

**B4: time blood sample taken****Data file:** vnm2009**Overview**

Valid: 14530    Invalid: 78    Minimum: 0    Maximum: 99.99    Mean: 8.688    Standard deviation: 5.908  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0 - 99.9899978637695    Format: Numeric

**B5: fasting blood glucose (mmol/l)****Data file:** vnm2009**Overview**

Valid: 14527    Invalid: 81    Minimum: 0.2    Maximum: 99.99    Mean: 4.433    Standard deviation: 3.718  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0.200000002980232 - 99.9899978637695    Format: Numeric

**B6: cholesterol device ID****Data file:** vnm2009**Overview**

Valid: 14554    Invalid: 54    Minimum: 0    Maximum: 99    Mean: 9.098    Standard deviation: 15.158  
 Type: Continuous    Decimal: 0    Width: 8    Range: 0 - 99    Format: Numeric

**B7: total cholesterol (mg/dl)****Data file:** vnm2009**Overview**

Valid: 14047    Invalid: 561    Minimum: 0.3    Maximum: 99.99    Mean: 8.355    Standard deviation: 18.078  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0.300000011920929 - 99.9899978637695    Format: Numeric

**AGERANGE: ageranges for which survey was designed****Data file:** vnm2009**Overview**

Valid: 14608    Invalid: 0  
 Type: Discrete    Width: 5    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
25-34		3172	21.7%
35-44		3596	24.6%
45-54		3940	27%
55-64		3900	26.7%

**WSTEP1: final analysis weight for step 1 (interview) - pop adjusted only****Data file:** vnm2009**Overview**

Valid: 14608    Invalid: 0    Minimum: 0.424    Maximum: 1.646    Mean: 1    Standard deviation: 0.401  
 Type: Continuous    Decimal: 0    Width: 9    Range: 0.423932909965515 - 1.64569401741028    Format: Numeric

**WSTEP2: final analysis weight for step 2 (physical measures) - pop adjusted only****Data file:** vnm2009

**Overview**

Valid: 14608 Invalid: 0 Minimum: 0.424 Maximum: 1.646 Mean: 1 Standard deviation: 0.401  
 Type: Continuous Decimal: 0 Width: 9 Range: 0.423932909965515 - 1.64569401741028 Format: Numeric

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

Data file: vnm2009

**Overview**

Valid: 14608 Invalid: 0 Minimum: 0.424 Maximum: 1.646 Mean: 1 Standard deviation: 0.401  
 Type: Continuous Decimal: 0 Width: 9 Range: 0.423932909965515 - 1.64569401741028 Format: Numeric

**STRATUM: stratum**

Data file: vnm2009

**Overview**

Valid: 14608 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		14608	100%

**PSU: psu**

Data file: vnm2009

**Overview**

Valid: 14608 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 8 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		10	0.1%
1		2051	14%
2		1848	12.7%
3		1644	11.3%
4		1824	12.5%
5		1910	13.1%

6		1745	11.9%
7		1775	12.2%
8		1801	12.3%

# study\_resources

## technical\_documents

### Generic STEPS Questionnaire (version 2.0)

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title      Generic STEPS Questionnaire (version 2.0)  
filename STEPS\_Instrument\_v2-0.pdf

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