

STEPwise Survey for Non Communicable Diseases Risk Factor 2005

Ministry of Health

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Identification

SURVEY ID NUMBER

MNG_2005_STEPS_v01_M

TITLE

STEPwise Survey for Non Communicable Diseases Risk Factor 2005

COUNTRY

Name	Country code
Mongolia	MNG

STUDY TYPE

Other Household Survey [hh/oth]

SERIES INFORMATION

This is the first STEPS conducted by Mongolia.

ABSTRACT

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

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals

Version

VERSION DESCRIPTION

Public-use dataset

Scope

NOTES

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

TOPICS

Topic	Vocabulary
STEPS	Survey

KEYWORDS

Keyword
noncommunicable diseases
risk factors
health surveys
tobacco use
alcohol use

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

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

Adults aged 15-64 years.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Ministry of Health

Sampling

SAMPLING PROCEDURE

A multi-stage cluster sample design was used to produce representative data for Mongolia. See p. 15 of the report for more details.

RESPONSE RATE

The overall response rate was 95%.

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

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
2005-05	2005-10

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Accutrend GCT devices were used for glucose, cholesterol and triglyceride measurements.

Access policy

CONTACTS

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

ACCESS CONDITIONS

The user undertakes:

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

CITATION REQUIREMENTS

Publications based on STEPS data should cite the survey report (if available) and acknowledge the data source in the following manner:

"This paper uses data from the [country] [year] STEPS survey, implemented by [implementing agency] with the support of the World Health Organization."

ACCESS AUTHORITY

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

Disclaimer and copyrights

DISCLAIMER

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

Metadata production

DDI DOCUMENT ID

DDI_MNG_2005_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
2020-03-25

DDI DOCUMENT VERSION

Identical to a metadata (MNG_2005_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
mng2005 National dataset	3411	100

Data file: mng2005

National dataset

Cases: 3411

variables: 100

variables

ID	Name	Label	Question
V318	pid	participant ID - unique record ID	
V325	age	age for analysis	
V326	sex	sex	
V327	c4	yrs of education	
V328	c5	ethnic group	
V329	c6	highest level of education	
V330	c7	work status	
V331	c8	adults older than 18yrs in household	
V332	c9a	average earnings of household per week	
V333	c9b	average earnings of household per month	
V334	c9c	average earnings of household per year	
V335	c9d	average earnings refused to disclose	
V336	t1	current smoking	
V337	t2	current daily smoking	
V338	t3	age started smoking	
V339	t5a	manufactured cigs smoked per day	
V340	t5b	hand-rolled cigs smoked per day	
V341	t5c	pipes smoked per day	
V342	t5e	other smoked per day	
V343	a1	drank alcohol in past 12 mos	
V344	a2	freq drinking in past 12 mos	
V345	a3	average drinks during one day	
V346	a6	times drank 4+(women) drinks in single occasion past 12 months	
V347	a7	face/neck becomes red after drinking alcohol	
V348	a8	hang over following morning	
V349	d1	days fruit eaten per week	
V350	d2	servings fruit eaten per day	
V351	d3	days veg eaten per week	
V352	d4	servings veg eaten per day	
V353	d5	oil used most often	
V354	p1	vig activity at work	
V355	p2	vig activity at work: days per week	
V356	p3a	vig activity at work: hours per day	
V357	p3b	vig activity at work: mins per day	
V358	p4	mod activity at work	
V359	p5	mod activity at work: days per week	
V360	p6a	mod activity at work: hours per day	

ID	Name	Label	Question
V361	p6b	mod activity at work: mins per day	
V362	p7	active transport	
V363	p8	active transport: days per week	
V364	p9a	active transport: hours per day	
V365	p9b	active transport: mins per day	
V366	p10	vig leisure activity	
V367	p11	vig leisure activity: days per week	
V368	p12a	vig leisure activity: hours per day	
V369	p12b	vig leisure activity: mins per day	
V370	p13	mod leisure activity	
V371	p14	mod leisure activity: days per week	
V372	p15a	mod leisure activity: hours per day	
V373	p15b	mod leisure activity: mins per day	
V374	h1	BP measured	
V375	h2	told had high BP in past 12 mos	
V376	h3a	currently receiving for high BP: drugs	
V377	h3b	currently receiving for high BP: advice to reduce salt intake	
V378	h3c	currently receiving for high BP: advice/treatment to lose weight	
V379	h3d	currently receiving for high BP: advice/treatment to stop smoking	
V380	h3e	currently receiving for high BP: advice/treatment to exercise more	
V381	h4	seen trad'l healer for high BP in past 12 mos	
V382	h5	taking trad'l meds for high BP	
V383	h6	gluc measured	
V384	h7	told had high gluc in past 12 mos	
V385	h8a	currently receiving for high gluc: insulin	
V386	h8b	currently receiving for high gluc: drugs	
V387	h8c	currently receiving for high gluc: special diet	
V388	h8d	currently receiving for high gluc: advice/treatment to lose weight	
V389	h8e	currently receiving for high gluc: advice/treatment to stop smoking	
V390	h8f	currently receiving for high gluc: advice/treatment to exercise more	
V391	h9	seen trad'l healer for high gluc in past 12 mos	
V392	h10	taking trad'l meds for high gluc	
V393	m1	interviewer ID	
V394	m2a	device ID (height)	
V395	m2b	device ID (weight)	
V396	m3	height (cm)	
V397	m4	weight (kg)	
V398	m5	pregnant	
V399	m6	device ID (waist)	
V400	m7	waist circumference (cm)	
V401	m15	hip circumference (cm)	
V402	m9	device ID (blood pressure)	
V403	m10	cuff size	
V404	m11a	BP reading 1: systolic	
V405	m11b	BP reading 1: diastolic	

ID	Name	Label	Question
V406	m12a	BP reading 2: systolic	
V407	m12b	BP reading 2: diastolic	
V408	m13a	BP reading 3: systolic	
V409	m13b	BP reading 3: diastolic	
V410	m14	took raised BP meds in past 2 weeks	
V411	b1	ate/drank in past 12 hours (fasting status)	
V412	b2	gluc technician ID	
V413	b3	gluc device ID	
V414	b4	time blood sample taken	
V415	b5	fasting blood glucose (mmol/l)	
V416	b7	total cholesterol (mmol/l)	
V417	b8	triglycerides (mmol/l)	
V418	psu	psu	
V419	stratum	stratum	
V420	agerange	ageranges for which survey was designed	
V421	wstep1	final analysis weight for step 1 (interview)	
V422	wstep2	final analysis weight for step 2 (physical measures)	
V423	wstep3	final analysis weight for step 3 (biochemical measures)	

total: 100

PID: participant ID - unique record ID**Data file: mng2005****Overview**

Valid: 3411 Invalid: 0 Minimum: 11001 Maximum: 402087 Mean: 209120.668 Standard deviation: 115857.28

Type: Continuous Decimal: 0 Width: 12 Range: 11001 - 402087 Format: Numeric

AGE: age for analysis**Data file: mng2005****Overview**

Valid: 3411 Invalid: 0 Minimum: 15 Maximum: 64 Mean: 38.793 Standard deviation: 14.235

Type: Continuous Decimal: 0 Width: 8 Range: 15 - 64 Format: Numeric

SEX: sex**Data file: mng2005****Overview**

Valid: 3411 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
men		1674	49.1%
women		1737	50.9%

C4: yrs of education**Data file: mng2005****Overview**

Valid: 3411 Invalid: 0 Minimum: 0 Maximum: 26 Mean: 10.35 Standard deviation: 3.632

Type: Continuous Decimal: 0 Width: 8 Range: 0 - 26 Format: Numeric

C5: ethnic group**Data file: mng2005****Overview**

Valid: 3411 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	khalkh	2873	84.2%
2	kazakh	88	2.6%
3	other	450	13.2%

C6: highest level of education

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

Type: Discrete Decimal: 0 Width: 26 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	No formal schooling	37	1.1%
2	Less than primary school	59	1.7%
3	Primary school completed	385	11.3%
4	Secondary school completed	804	23.6%
5	High school completed	751	22%
6	College completed	738	21.6%
7	University completed	586	17.2%
8	Post graduate degree	51	1.5%

C7: work status

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

Type: Discrete Decimal: 0 Width: 27 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Governmental organization	717	21%

2	Non-government	285	8.4%
3	Self-employed	615	18%
4	Non-paid	162	4.7%
5	Student	456	13.4%
6	Housework	117	3.4%
7	Retired	481	14.1%
8	Unemployed (able to work)	471	13.8%
9	Unemployed (unable to work)	107	3.1%

C8: adults older than 18yrs in household

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0%
1		146	4.3%
2		1348	39.5%
3		811	23.8%
4		592	17.4%
5		303	8.9%
6		131	3.8%
7		55	1.6%
8		18	0.5%
9		4	0.1%
10		1	0%
11		1	0%

C9A: average earnings of household per week

Data file: mng2005

Overview

Valid: 31 Invalid: 3380 Minimum: 2000 Maximum: 130000 Mean: 39000 Standard deviation: 31706.992

Type: Continuous Decimal: 0 Width: 12 Range: 2000 - 130000 Format: Numeric

C9B: average earnings of household per month**Data file: mng2005****Overview**

Valid: 2812 Invalid: 599 Minimum: 40 Maximum: 2500000 Mean: 108832.834 Standard deviation: 106898.119
 Type: Continuous Decimal: 0 Width: 12 Range: 40 - 2500000 Format: Numeric

C9C: average earnings of household per year**Data file: mng2005****Overview**

Valid: 134 Invalid: 3277 Minimum: 80000 Maximum: 8000000 Mean: 1290447.761 Standard deviation: 1183091.316
 Type: Continuous Decimal: 0 Width: 12 Range: 80000 - 8000000 Format: Numeric

C9D: average earnings refused to disclose**Data file: mng2005****Overview**

Valid: 48 Invalid: 3363
 Type: Discrete Decimal: 0 Width: 10 Range: 77 - 88 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
77	Don't know	43	89.6%
88	Refused	5	10.4%
Sysmiss		3363	

T1: current smoking**Data file: mng2005****Overview**

Valid: 3411 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	987	28.9%
2	No	2424	71.1%

T2: current daily smoking

Data file: mng2005

Overview

Valid: 987 Invalid: 2424

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	882	89.4%
2	No	105	10.6%
Sysmiss		2424	

T3: age started smoking

Data file: mng2005

Overview

Valid: 882 Invalid: 2529 Minimum: 4 Maximum: 62 Mean: 20.935 Standard deviation: 8.128

Type: Continuous Decimal: 0 Width: 8 Range: 4 - 62 Format: Numeric

T5A: manufactured cigs smoked per day

Data file: mng2005

Overview

Valid: 884 Invalid: 2527 Minimum: 1 Maximum: 60 Mean: 10.895 Standard deviation: 7.783

Type: Continuous Decimal: 0 Width: 8 Range: 1 - 60 Format: Numeric

T5B: hand-rolled cigs smoked per day

Data file: mng2005

Overview

Valid: 105 Invalid: 3306 Minimum: 1 Maximum: 60 Mean: 11.486 Standard deviation: 9.366

Type: Continuous Decimal: 0 Width: 8 Range: 1 - 60 Format: Numeric

T5C: pipes smoked per day**Data file:** mng2005**Overview**

Valid: 13 Invalid: 3398 Minimum: 0 Maximum: 40 Mean: 19.846 Standard deviation: 12.973
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 40 Format: Numeric

T5E: other smoked per day**Data file:** mng2005**Overview**

Valid: 53 Invalid: 3358
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		52	98.1%
1		1	1.9%
Sysmiss		3358	

A1: drank alcohol in past 12 mos**Data file:** mng2005**Overview**

Valid: 3411 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2327	68.2%
2	No	1084	31.8%

A2: freq drinking in past 12 mos**Data file:** mng2005**Overview**

Valid: 2327 Invalid: 1084
 Type: Discrete Decimal: 0 Width: 22 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Daily	8	0.3%
2	5-6 days per week	17	0.7%
3	1-4 days per week	187	8%
4	1-3 days per month	827	35.5%
5	Less than once a month	1288	55.4%
Sysmiss		1084	

A3: average drinks during one day

Data file: mng2005

Overview

Valid: 2317 Invalid: 1094 Minimum: 0 Maximum: 30 Mean: 4.094 Standard deviation: 3.963
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 30 Format: Numeric

A6: times drank 4+(women) drinks in single occasion past 12 months

Data file: mng2005

Overview

Valid: 2309 Invalid: 1102 Minimum: 0 Maximum: 40 Mean: 7.248 Standard deviation: 6.617
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 40 Format: Numeric

A7: face/neck becomes red after drinking alcohol

Data file: mng2005

Overview

Valid: 935 Invalid: 2476 Minimum: 1 Maximum: 96 Mean: 10.553 Standard deviation: 15.1
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 96 Format: Numeric

A8: hang over following morning

Data file: mng2005

Overview

Valid: 381 Invalid: 3030 Minimum: 1 Maximum: 99 Mean: 3.942 Standard deviation: 7.642
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 99 Format: Numeric

D1: days fruit eaten per week**Data file:** mng2005**Overview**

Valid: 3411 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1660	48.7%
1		411	12%
2		476	14%
3		323	9.5%
4		138	4%
5		85	2.5%
6		13	0.4%
7		305	8.9%

D2: servings fruit eaten per day**Data file:** mng2005**Overview**

Valid: 1752 Invalid: 1659

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		36	2.1%
1		464	26.5%
2		563	32.1%
3		288	16.4%
4		149	8.5%
5		100	5.7%
6		61	3.5%
7		19	1.1%
8		20	1.1%
9		6	0.3%

10		19	1.1%
11		3	0.2%
12		24	1.4%
Sysmiss		1659	

D3: days veg eaten per week

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		189	5.5%
1		66	1.9%
2		181	5.3%
3		252	7.4%
4		202	5.9%
5		228	6.7%
6		117	3.4%
7		2176	63.8%

D4: servings veg eaten per day

Data file: mng2005

Overview

Valid: 3222 Invalid: 189

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		493	15.3%
1		1213	37.6%
2		1049	32.6%
3		171	5.3%

4		206	6.4%
5		41	1.3%
6		28	0.9%
7		3	0.1%
8		8	0.2%
10		10	0.3%
Sysmiss		189	

D5: oil used most often

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

Type: Discrete Decimal: 0 Width: 20 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Tallow	107	3.1%
2	Butter, Margarine	132	3.9%
3	Cream	42	1.2%
4	Mayonnaise	6	0.2%
5	Horse and marmot fat	13	0.4%
6	Vegetable oil	2133	62.5%
7	Lard	245	7.2%
8	Fatty meat	729	21.4%
9	Don't know	4	0.1%

P1: vig activity at work

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Yes	1101	32.3%
2	No	2310	67.7%

P2: vig activity at work: days per week

Data file: mng2005

Overview

Valid: 1101 Invalid: 2310

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		5	0.5%
1		85	7.7%
2		229	20.8%
3		173	15.7%
4		106	9.6%
5		146	13.3%
6		55	5%
7		302	27.4%
Sysmiss		2310	

P3A: vig activity at work: hours per day

Data file: mng2005

Overview

Valid: 967 Invalid: 2444

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 6 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		207	21.4%
1		181	18.7%
2		194	20.1%
3		139	14.4%
4		127	13.1%

5		59	6.1%
6		60	6.2%
Sysmiss		2444	

P3B: vig activity at work: mins per day

Data file: mng2005

Overview

Valid: 1079 Invalid: 2332 Minimum: 0 Maximum: 50 Mean: 6.89 Standard deviation: 13.003
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

P4: mod activity at work

Data file: mng2005

Overview

Valid: 3411 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2085	61.1%
2	No	1326	38.9%

P5: mod activity at work: days per week

Data file: mng2005

Overview

Valid: 2084 Invalid: 1327
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0%
1		123	5.9%
2		186	8.9%
3		187	9%

4		149	7.1%
5		470	22.6%
6		148	7.1%
7		820	39.3%
Sysmiss		1327	

P6A: mod activity at work: hours per day

Data file: mng2005

Overview

Valid: 2015 Invalid: 1396

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		251	12.5%
1		319	15.8%
2		338	16.8%
3		291	14.4%
4		266	13.2%
5		176	8.7%
6		165	8.2%
7		53	2.6%
8		156	7.7%
Sysmiss		1396	

P6B: mod activity at work: mins per day

Data file: mng2005

Overview

Valid: 2013 Invalid: 1398 Minimum: 0 Maximum: 55 Mean: 4.934 Standard deviation: 10.994

Type: Continuous Decimal: 0 Width: 8 Range: 0 - 55 Format: Numeric

P7: active transport

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3096	90.8%
2	No	315	9.2%

P8: active transport: days per week

Data file: mng2005

Overview

Valid: 3096 Invalid: 315

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		45	1.5%
2		112	3.6%
3		175	5.7%
4		131	4.2%
5		468	15.1%
6		170	5.5%
7		1995	64.4%
Sysmiss		315	

P9A: active transport: hours per day

Data file: mng2005

Overview

Valid: 2812 Invalid: 599

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		852	30.3%
1		732	26%
2		620	22%
3		370	13.2%
4		238	8.5%
Sysmiss		599	

P9B: active transport: mins per day

Data file: mng2005

Overview

Valid: 3059 Invalid: 352 Minimum: 0 Maximum: 50 Mean: 10.224 Standard deviation: 14.144
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

P10: vig leisure activity

Data file: mng2005

Overview

Valid: 3411 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	747	21.9%
2	No	2664	78.1%

P11: vig leisure activity: days per week

Data file: mng2005

Overview

Valid: 747 Invalid: 2664
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1		120	16.1%
2		198	26.5%
3		119	15.9%
4		59	7.9%
5		30	4%
6		15	2%
7		206	27.6%
Sysmiss		2664	

P12A: vig leisure activity: hours per day

Data file: mng2005

Overview

Valid: 650 Invalid: 2761

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		213	32.8%
1		169	26%
2		177	27.2%
3		91	14%
Sysmiss		2761	

P12B: vig leisure activity: mins per day

Data file: mng2005

Overview

Valid: 728 Invalid: 2683 Minimum: 0 Maximum: 50 Mean: 9.652 Standard deviation: 13.609

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

P13: mod leisure activity

Data file: mng2005

Overview

Valid: 3411 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	2219	65.1%
2	No	1192	34.9%

P14: mod leisure activity: days per week

Data file: mng2005

Overview

Valid: 2219 Invalid: 1192

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		218	9.8%
2		443	20%
3		292	13.2%
4		163	7.3%
5		104	4.7%
6		43	1.9%
7		956	43.1%
Sysmiss		1192	

P15A: mod leisure activity: hours per day

Data file: mng2005

Overview

Valid: 2052 Invalid: 1359

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		447	21.8%
1		571	27.8%

2		528	25.7%
3		330	16.1%
4		176	8.6%
Sysmiss		1359	

P15B: mod leisure activity: mins per day

Data file: mng2005

Overview

Valid: 2182 Invalid: 1229 Minimum: 0 Maximum: 50 Mean: 6.898 Standard deviation: 12.164
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 50 Format: Numeric

H1: BP measured

Data file: mng2005

Overview

Valid: 3410 Invalid: 1
 Type: Discrete Decimal: 0 Width: 20 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	within last 12 month	2086	61.2%
2	1-5 years ago	306	9%
3	not past 5 years	1018	29.9%
Sysmiss		1	

H2: told had high BP in past 12 mos

Data file: mng2005

Overview

Valid: 3410 Invalid: 1
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	890	26.1%

2	No	2520	73.9%
Sysmiss		1	

H3A: currently receiving for high BP: drugs

Data file: mng2005

Overview

Valid: 890 Invalid: 2521

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	694	78%
2	No	196	22%
Sysmiss		2521	

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

Data file: mng2005

Overview

Valid: 890 Invalid: 2521

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	204	22.9%
2	No	686	77.1%
Sysmiss		2521	

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

Data file: mng2005

Overview

Valid: 890 Invalid: 2521

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	117	13.1%
2	No	773	86.9%
Sysmiss		2521	

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

Data file: mng2005

Overview

Valid: 248 Invalid: 3163

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	61	24.6%
2	No	187	75.4%
Sysmiss		3163	

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

Data file: mng2005

Overview

Valid: 890 Invalid: 2521

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	159	17.9%
2	No	731	82.1%
Sysmiss		2521	

H4: seen trad'l healer for high BP in past 12 mos**Data file: mng2005****Overview**

Valid: 890 Invalid: 2521

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	110	12.4%
2	No	780	87.6%
Sysmiss		2521	

H5: taking trad'l meds for high BP**Data file: mng2005****Overview**

Valid: 890 Invalid: 2521

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	106	11.9%
2	No	784	88.1%
Sysmiss		2521	

H6: gluc measured**Data file: mng2005****Overview**

Valid: 3410 Invalid: 1

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	267	7.8%

2	No	3143	92.2%
Sysmiss		1	

H7: told had high gluc in past 12 mos

Data file: mng2005

Overview

Valid: 3410 Invalid: 1
Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	52	1.5%
2	No	3358	98.5%
Sysmiss		1	

H8A: currently receiving for high gluc: insulin

Data file: mng2005

Overview

Valid: 52 Invalid: 3359
Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	17.3%
2	No	43	82.7%
Sysmiss		3359	

H8B: currently receiving for high gluc: drugs

Data file: mng2005

Overview

Valid: 52 Invalid: 3359
Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	21	40.4%
2	No	31	59.6%
Sysmiss		3359	

H8C: currently receiving for high gluc: special diet

Data file: mng2005

Overview

Valid: 52 Invalid: 3359

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	28	53.8%
2	No	24	46.2%
Sysmiss		3359	

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

Data file: mng2005

Overview

Valid: 52 Invalid: 3359

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	13	25%
2	No	39	75%
Sysmiss		3359	

H8E: currently receiving for high gluc: advice/treatment to stop smoking**Data file: mng2005****Overview**

Valid: 12 Invalid: 3399

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	4	33.3%
2	No	8	66.7%
Sysmiss		3399	

H8F: currently receiving for high gluc: advice/treatment to exercise more**Data file: mng2005****Overview**

Valid: 52 Invalid: 3359

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	18	34.6%
2	No	34	65.4%
Sysmiss		3359	

H9: seen trad'l healer for high gluc in past 12 mos**Data file: mng2005****Overview**

Valid: 52 Invalid: 3359

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8	15.4%

2	No	44	84.6%
Sysmiss		3359	

H10: taking trad'l meds for high gluc

Data file: mng2005

Overview

Valid: 52 Invalid: 3359

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	6	11.5%
2	No	46	88.5%
Sysmiss		3359	

M1: interviewer ID

Data file: mng2005

Overview

Valid: 3399 Invalid: 12 Minimum: 1 Maximum: 43 Mean: 19.84 Standard deviation: 10.717

Type: Continuous Decimal: 0 Width: 8 Range: 1 - 43 Format: Numeric

M2A: device ID (height)

Data file: mng2005

Overview

Valid: 3401 Invalid: 10

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		582	17.1%
2		690	20.3%
3		525	15.4%
4		431	12.7%

5		236	6.9%
6		421	12.4%
7		515	15.1%
10		1	0%
Sysmiss		10	

M2B: device ID (weight)

Data file: mng2005

Overview

Valid: 3396 Invalid: 15

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		582	17.1%
2		689	20.3%
3		524	15.4%
4		431	12.7%
5		236	6.9%
6		422	12.4%
7		511	15%
8		1	0%
Sysmiss		15	

M3: height (cm)

Data file: mng2005

Overview

Valid: 3404 Invalid: 7 Minimum: 136.3 Maximum: 187.5 Mean: 161.462 Standard deviation: 8.39

Type: Continuous Decimal: 0 Width: 9 Range: 136.300003051758 - 187.5 Format: Numeric

M4: weight (kg)

Data file: mng2005

Overview

Valid: 3405 Invalid: 6 Minimum: 32.7 Maximum: 130.9 Mean: 64.166 Standard deviation: 12.75

Type: Continuous Decimal: 0 Width: 9 Range: 32.7000007629394 - 130.899993896484 Format: Numeric

M5: pregnant**Data file: mng2005****Overview**

Valid: 3405 Invalid: 6
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	20	0.6%
2	No	3385	99.4%
Sysmiss		6	

M6: device ID (waist)**Data file: mng2005****Overview**

Valid: 3390 Invalid: 21 Minimum: 0 Maximum: 21 Mean: 4.002 Standard deviation: 2.015
 Type: Continuous Decimal: 0 Width: 8 Range: 0 - 21 Format: Numeric

M7: waist circumference (cm)**Data file: mng2005****Overview**

Valid: 3385 Invalid: 26 Minimum: 54 Maximum: 133 Mean: 82.265 Standard deviation: 12.333
 Type: Continuous Decimal: 0 Width: 9 Range: 54 - 133 Format: Numeric

M15: hip circumference (cm)**Data file: mng2005****Overview**

Valid: 3391 Invalid: 20 Minimum: 64.8 Maximum: 135.5 Mean: 95.09 Standard deviation: 8.225
 Type: Continuous Decimal: 0 Width: 9 Range: 64.8000030517578 - 135.5 Format: Numeric

M9: device ID (blood pressure)**Data file: mng2005**

Overview

Valid: 3223 Invalid: 188

Type: Discrete Decimal: 0 Width: 8 Range: 0 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		3	0.1%
1		582	18.1%
2		693	21.5%
3		525	16.3%
4		257	8%
5		236	7.3%
6		420	13%
7		504	15.6%
8		1	0%
9		1	0%
10		1	0%
Sysmiss		188	

M10: cuff size

Data file: mng2005

Overview

Valid: 3329 Invalid: 82

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

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	short	4	0.1%
2	normal	3324	99.8%
3	long	0	0%
7	don't know	1	0%
Sysmiss		82	

M11A: BP reading 1: systolic**Data file:** mng2005**Overview**

Valid: 3394 Invalid: 17 Minimum: 66 Maximum: 240 Mean: 132.637 Standard deviation: 22.112
 Type: Continuous Decimal: 0 Width: 8 Range: 66 - 240 Format: Numeric

M11B: BP reading 1: diastolic**Data file:** mng2005**Overview**

Valid: 3394 Invalid: 17 Minimum: 37 Maximum: 160 Mean: 81.212 Standard deviation: 13.84
 Type: Continuous Decimal: 0 Width: 8 Range: 37 - 160 Format: Numeric

M12A: BP reading 2: systolic**Data file:** mng2005**Overview**

Valid: 3390 Invalid: 21 Minimum: 79 Maximum: 238 Mean: 129.296 Standard deviation: 21.576
 Type: Continuous Decimal: 0 Width: 8 Range: 79 - 238 Format: Numeric

M12B: BP reading 2: diastolic**Data file:** mng2005**Overview**

Valid: 3390 Invalid: 21 Minimum: 42 Maximum: 158 Mean: 79.904 Standard deviation: 13.819
 Type: Continuous Decimal: 0 Width: 8 Range: 42 - 158 Format: Numeric

M13A: BP reading 3: systolic**Data file:** mng2005**Overview**

Valid: 3390 Invalid: 21 Minimum: 79 Maximum: 240 Mean: 127.696 Standard deviation: 21.259
 Type: Continuous Decimal: 0 Width: 8 Range: 79 - 240 Format: Numeric

M13B: BP reading 3: diastolic**Data file:** mng2005**Overview**

Valid: 3389 Invalid: 22 Minimum: 31 Maximum: 157 Mean: 78.941 Standard deviation: 14.126
 Type: Continuous Decimal: 0 Width: 8 Range: 31 - 157 Format: Numeric

M14: took raised BP meds in past 2 weeks**Data file:** mng2005**Overview**

Valid: 3410 Invalid: 1
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	694	20.4%
2	No	2716	79.6%
Sysmiss		1	

B1: ate/drank in past 12 hours (fasting status)**Data file:** mng2005**Overview**

Valid: 1126 Invalid: 2285
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	137	12.2%
2	No	989	87.8%
Sysmiss		2285	

B2: gluc technician ID**Data file:** mng2005**Overview**

Valid: 1132 Invalid: 2279 Minimum: 2 Maximum: 35 Mean: 21.033 Standard deviation: 10.533
 Type: Continuous Decimal: 0 Width: 8 Range: 2 - 35 Format: Numeric

B3: gluc device ID**Data file:** mng2005

Overview

Valid: 1120 Invalid: 2291 Minimum: 1 Maximum: 25 Mean: 6.265 Standard deviation: 3.906
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 25 Format: Numeric

B4: time blood sample taken

Data file: mng2005

Overview

Valid: 920 Invalid: 2491
 Type: Discrete Decimal: 0 Width: 8 Range: 0 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0		1	0.1%
4		2	0.2%
7		16	1.7%
8		116	12.6%
9		250	27.2%
10		274	29.8%
11		176	19.1%
12		67	7.3%
13		15	1.6%
14		2	0.2%
15		1	0.1%
Sysmiss		2491	

B5: fasting blood glucose (mmol/l)

Data file: mng2005

Overview

Valid: 1118 Invalid: 2293 Minimum: 1.2 Maximum: 16.6 Mean: 4.884 Standard deviation: 1.251
 Type: Continuous Decimal: 0 Width: 9 Range: 1.20000004768372 - 16.6000003814697 Format: Numeric

B7: total cholesterol (mmol/l)

Data file: mng2005

Overview

Valid: 699 Invalid: 2712 Minimum: 3.88 Maximum: 7.41 Mean: 4.747 Standard deviation: 0.586
 Type: Continuous Decimal: 0 Width: 9 Range: 3.88000011444092 - 7.40999984741211 Format: Numeric

B8: triglycerides (mmol/l)**Data file:** mng2005**Overview**

Valid: 912 Invalid: 2499 Minimum: 0.8 Maximum: 9.9 Mean: 1.723 Standard deviation: 1.147
 Type: Continuous Decimal: 0 Width: 9 Range: 0.800000011920929 - 9.89999961853027 Format: Numeric

PSU: psu**Data file:** mng2005**Overview**

Valid: 3411 Invalid: 0 Minimum: 1 Maximum: 40 Mean: 20.538 Standard deviation: 11.589
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 40 Format: Numeric

STRATUM: stratum**Data file:** mng2005**Overview**

Valid: 3411 Invalid: 0
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	urban	1702	49.9%
2	rural	1709	50.1%

AGERANGE: ageranges for which survey was designed**Data file:** mng2005**Overview**

Valid: 3411 Invalid: 0
 Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
15-24		699	20.5%

25-34		669	19.6%
35-44		736	21.6%
45-54		704	20.6%
55-64		603	17.7%

WSTEP1: final analysis weight for step 1 (interview)

Data file: mng2005

Overview

Valid: 3411 Invalid: 0 Minimum: 0.365 Maximum: 1.623 Mean: 1 Standard deviation: 0.416
 Type: Continuous Decimal: 0 Width: 9 Range: 0.365350008010864 - 1.62300002574921 Format: Numeric

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

Data file: mng2005

Overview

Valid: 3411 Invalid: 0 Minimum: 0.365 Maximum: 1.623 Mean: 1 Standard deviation: 0.416
 Type: Continuous Decimal: 0 Width: 9 Range: 0.365350008010864 - 1.62300002574921 Format: Numeric

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

Data file: mng2005

Overview

Valid: 2712 Invalid: 699 Minimum: 0.412 Maximum: 1.969 Mean: 1.044 Standard deviation: 0.502
 Type: Continuous Decimal: 0 Width: 9 Range: 0.412332892417908 - 1.96927618980408 Format: Numeric

study_resources

questionnaires

Questionnaire

title Questionnaire
country Mongolia
filename STEPS_Mongolia_2005_Questionnaire.pdf

reports

Fact Sheet

title Fact Sheet
country Mongolia
filename STEPS_Mongolia_2005_FactSheet.pdf

Report

title Report
country Mongolia
filename STEPS_Mongolia_2005_Report.pdf

technical_documents

Generic STEPS Questionnaire (version 2.0)

title Generic STEPS Questionnaire (version 2.0)
filename STEPS_Instrument_v2-0.pdf
