

Malaysia Lipid Study 2012-2013

Tilakavati Karupaiah

report_generated_on: February 28, 2023

visit_data_catalog_at: <https://microdata.worldbank.org/index.php>

Identification

SURVEY ID NUMBER

MYS_2012_MLS_v01_M_v01_A_OCS

TITLE

Malaysia Lipid Study 2012-2013

COUNTRY/ECONOMY

Name	Country code
Malaysia	MYS

STUDY TYPE

Other Household Survey [hh/oth]

ABSTRACT

Cross-sectional study on the dietary fatty acid intake patterns, lipid profile, lipoprotein particle size and plasma fatty acid composition in an urban adult Malaysian cohort.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals

Scope

NOTES

The survey collected information on:

- Subjects: information on the participants such as age, sex and geographical location.
- Consumption: information on all foods consumed by each participant in each survey day, including quantities and nutrient values. The population group covered in the dataset was adults from 20 to 67 years old.

Coverage

GEOGRAPHIC COVERAGE

Sub-national coverage, only urban areas.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Tilakavati Karupaiah	Taylor's University, Malaysia

Sampling

SAMPLING PROCEDURE

Non-probability sampling. The Malaysia Lipid Study (MLS) is a cross-sectional study investigating dietary practices and metabolic outcomes in an urban, mixed-racial population of healthy free-living adults. Malays, Chinese and Indians are among the main ethnic groups in Malaysia, and together form approximately 85% of the total population. Participant screening and subject recruitment were conducted in the urban centers of Kuala Lumpur and Petaling Jaya and surrounding

suburban housing estates. Screening was facilitated through religious, community, parent-teacher associations and employer organizations at 38 community sites, between November 2012 and November 2013.

WEIGHTING

No surveys weight were used in this survey.

data_collection

DATES OF DATA COLLECTION

Start	End
2012-10-31	2013-11-29

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Individual quantitative 24-hour recall was used. For 566 subjects, 3 recalls were collected (2 weekdays and 1 weekend), with an average of 2 days in between the subsequent recalls. Recalls with implausible values were excluded. A household consumption questionnaire was also applied to capture eating out trends, use of cooking oils for study population and income. IPAQ was used for physical activity level.

Access policy

CONTACTS

Name	Email
Food and Agriculture Organization	fao-who-gift@fao.org

CONFIDENTIALITY

The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO.

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- The micro dataset will only be used for statistical and/or research purposes;
- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO;
- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

CITATION REQUIREMENTS

The Malaysia Lipid Study, 2013, Universiti Kebangsaan Malaysia and Malaysian Palm Oil Council. Harmonized for the Global Dietary Database.

Disclaimer and copyrights

DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Metadata production

DDI DOCUMENT ID

DDI_MYS_2012_MLS_v01_M_v01_A_OCS

PRODUCERS

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

DATE OF METADATA PRODUCTION

2023-02-23

DDI DOCUMENT VERSION

Version 01 (February 2023): This metadata was downloaded from the FAO website (<https://microdata.fao.org/index.php/catalog>) and it is identical to FAO version (MYS_2012-13_MLS_v01_EN_M_v01_A_OCS). The following two metadata fields were edited - Document ID and Survey ID.

data_dictionary

Data file	Cases	variables
anon_consumption_user	0	77
anon_subject_user	0	23

Data file: anon_consumption_user

Cases: 0

variables: 77

variables

ID	Name	Label	Question
V1	SUBJECT	Subject identification	
V2	ROUND	Round	
V3	SURVEY_DAY	Day number	
V4	RESPONDER	Responder	
V5	SEASON	Season of the year	
V6	CONSUMPTION_DAY	Day of consumption	
V7	CONSUMPTION_MONTH	Month of consumption	
V8	CONSUMPTION_YEAR	Year of consumption	
V9	WEEK_DAY	Week day of consumption	
V10	EXCEPTION_DAY	Exceptional diet the day of consumption	
V11	CONSUMPTION_TIME_HOUR	Time of consumption (hours)	
V12	CONSUMPTION_TIME_MINUTES	Time of consumption (minutes)	
V13	MEAL_NAME	Eating occasion	
V14	PLACE	Place of consumption	
V15	FOOD_TYPE	Type of the eating occasion	
V16	RECIPE_CODE	ID Recipe	
V17	RECIPE_DESCR	Recipe description in local language (other than English)	
V18	RECIPE_DESCR_ENG	Recipe description in English	
V19	FOODEX2_RECIPE_CODE	FoodEx2 recipe code	
V20	FOODEX2_RECIPE_DESCR	FoodEx2 recipe description	
V21	AMOUNT_RECIPE	Amount recipe consumed (g)	
V22	CODE_INGREDIENT	Original ingredient code	
V23	INGREDIENT	Food item or Ingredient description in local language (other than English)	
V24	INGREDIENT_ENG	Food item or Ingredient description in English	
V25	FOODEX2 INGR_CODE	FoodEx2 ingredient code	
V26	FOODEX2 INGR_DESCR	FoodEx2 ingredient description	
V27	FOOD_AMOUNT_UNPROC	Food amount (edible) before processing/cooking (raw amount) (g)	
V28	FOOD_AMOUNT_CONS	Food amount (edible) as consumed by the participant (g)	
V29	FOOD_AMOUNT_REPORTED	Food amount (edible) as reported in the survey (g)	
V30	ENERGY_kcal	Energy (kcal)	
V31	WATER_g	Water (g)	
V32	PROTEIN_g	Protein (g)	
V33	A_PROT_g	Animal protein (g)	
V34	V_PROT_g	Vegetal protein (g)	
V35	CARBOH_g	Carbohydrates (g)	
V36	SUGAR_g	Total sugars (g)	
V37	FIBTG_g	Fibre total dietary (g)	
V38	ALCOHOL_g	Alcohol (g)	

ID	Name	Label	Question
V39	FAT_g	Fat (g)	
V40	SAT_FAT_g	Saturated fat (g)	
V41	MUFA_g	Monounsaturated fat (g)	
V42	PUFA_g	Poly-unsaturated fat (g)	
V43	TFA_g	Trans fatty acid (g)	
V44	CHOL_mg	Cholesterol (mg)	
V45	CALC_mg	Calcium (mg)	
V46	IRON_mg	Iron (mg)	
V47	ZINC_mg	Zinc (mg)	
V48	MG_mg	Magnesium (mg)	
V49	PHOS_mg	Phosphorus (mg)	
V50	POTA_mg	Potassium (mg)	
V51	NA_mg	Sodium (mg)	
V52	CU_mg	Copper (mg)	
V53	IOD_mcg	Iodine (Åµg/mcg)	
V54	SE_mcg	Selenium (Åµg/mcg)	
V55	MN_mg	Manganese (mg)	
V56	VITC_mg	Vitamin C (mg)	
V57	THIA_mg	Thiamine (mg)	
V58	RIBO_mg	Riboflavin (mg)	
V59	NIAC_mg	Niacin (mg)	
V60	VITB5_mg	Vitamin B5 (mg)	
V61	VITB6_mg	Vitamin B6 (mg)	
V62	FOLDFE_mcg	Folate (Åµg/mcg DFE)	
V63	FOL_mcg	Folate, total (Åµg/mcg)	
V64	FOLFD_mcg	Folate food, naturally occurring food folates (Åµg/mcg)	
V65	FOLFRE_mcg	Folate, free (Åµg/mcg)	
V66	FOLAC_mcg	Folic acid (synthetic) (Åµg/mcg)	
V67	VITB12_mcg	Vitamin B12 (Åµg/mcg)	
V68	VITA_RAE_mcg	Vitamin A (Åµg/mcg RAE)	
V69	VITA_RE_mcg	Vitamin A (Åµg/mcg RE)	
V70	BCAROT_mcg	Beta-carotene (Åµg/mcg)	
V71	RETOL_mcg	Retinol (Åµg/mcg)	
V72	VITD_mcg	Vitamin D (Åµg/mcg)	
V73	VITE_mg	Vitamin E, alpha-tocopherol equivalents (mg)	
V74	VITK_mcg	Vitamin K (Åµg/mcg)	
V75	PHY_mg	Phytate, total (mg)	
V76	FREE_SUGAR_g	Free sugars (g)	
V77	VERSION	Version	

total: 77

Data file: anon_subject_user

Cases:	0
variables:	23

variables

ID	Name	Label	Question
V78	ADM0_NAME	Country	
V79	ADM1_NAME	Region	
V80	ADM2_NAME	Subregion	
V81	WEIGHTING_FACTOR	Weight factor	
V82	AREA_TYPE	Area	
V83	HOUSEHOLD	ID Household	
V84	SUBJECT	ID Subject	
V85	ROUND	Round	
V86	SEX	Sex	
V87	AGE_YEAR	Age (years)	
V88	ANT_DAY	Day of measurement	
V89	ANT_MONTH	Month of measurement	
V90	ANT_YEAR	Year of measurement	
V91	WEIGHT	Weight (kg)	
V92	HEIGHT	Height (cm)	
V93	METHOD_WEIGHT	Method for body weight measurement	
V94	METHOD_HEIGHT	Method for height measurement	
V95	SPECIAL_DIET	Special diet	
V96	PREG_LACT	Pregnant/lactating	
V97	BREASTFEEDING	Breastfeeding	
V98	UNOVERREP	Under/over reporters for energy	
V99	ACTIVITY	PAL	
V100	VERSION	Version	

total: 23

SUBJECT: Subject identification**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

EXCEPTION_DAY: Exceptional diet the day of consumption**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	No
2	Yes, unspecified
3	Yes, consumed more than normal
4	Yes, consumed less than normal

ROUND: Round**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

SURVEY_DAY: Day number**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

RESPONDER: Responder**Data file:** anon_consumption_user

Overview

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

Questions and instructions

CATEGORIES

Value	Category
1	Self
2	Person responsible for cooking
3	Parent/Guardian
4	Other relative
5	Nanny/Nurse/Friend/Neighbor
6	Proxy (unspecified)
7	Trained data collectors stayed with each participant recording all foods/drinks consumed for the whole day

SEASON: Season of the year

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

CONSUMPTION_DAY: Day of consumption

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

CONSUMPTION_MONTH: Month of consumption

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

CONSUMPTION_YEAR: Year of consumption

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

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

WEEK_DAY: Week day of consumption**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Sunday
2	Monday
3	Tuesday
4	Wednesday
5	Thursday
6	Friday
7	Saturday

CONSUMPTION_TIME_HOUR: Time of consumption (hours)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

CONSUMPTION_TIME_MINUTES: Time of consumption (minutes)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

MEAL_NAME: Eating occasion**Data file:** anon_consumption_user

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Before breakfast
2	Breakfast
3	Snack or drink between breakfast and lunch
4	Lunch
5	Snack or drink between lunch and dinner
6	Dinner
7	Snack or drink after dinner
8	Snack or drink (unspecified when)

PLACE: Place of consumption

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

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

Questions and instructions

CATEGORIES

Value	Category
1	Home
2	Out of home

FOOD_TYPE: Type of the eating occasion

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 0 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Simple food item (including food supplements, etc)
2	Reported disaggregated mixed dish/recipe
3	Standard disaggregated mixed dish/recipe
4	Non-disaggregated mixed dish/recipe
5	Disaggregated mixed dish/recipe, unspecified if reported or standard

RECIPE_CODE: ID Recipe

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

RECIPE_DESCR: Recipe description in local language (other than English)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

RECIPE_DESCR_ENG: Recipe description in English

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

FOODEX2_RECIPE_CODE: FoodEx2 recipe code

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

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

FOODEX2_RECIPE_DESCR: FoodEx2 recipe description

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

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

AMOUNT_RECIPES: Amount recipe consumed (g)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

CODE_INGREDIENT: Original ingredient code

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

INGREDIENT: Food item or Ingredient description in local language (other than English)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

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

INGREDIENT_ENG: Food item or Ingredient description in English

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

FOODEX2 INGR_CODE: FoodEx2 ingredient code

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

FOODEX2 INGR_DESCR: FoodEx2 ingredient description

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

FOOD_AMOUNT_UNPROC: Food amount (edible) before processing/cooking (raw amount) (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

FOOD_AMOUNT_CONS: Food amount (edible) as consumed by the participant (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

FOOD_AMOUNT_REPORTED: Food amount (edible) as reported in the survey (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

ENERGY_KCAL: Energy (kcal)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

WATER_G: Water (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

PROTEIN_G: Protein (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

A_PROT_G: Animal protein (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

V_PROT_G: Vegetal protein (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

CARBOH_G: Carbohydrates (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

SUGAR_G: Total sugars (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

FIBTG_G: Fibre total dietary (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

ALCOHOL_G: Alcohol (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

FAT_G: Fat (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

SAT_FAT_G: Saturated fat (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

MUFA_G: Monounsaturated fat (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

PUFA_G: Poly-unsaturated fat (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

TFA_G: Trans fatty acid (g)**Data file:** anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

CHOL_MG: Cholesterol (mg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

CALC_MG: Calcium (mg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Continuous Decimal: 0 Range: - Format: Numeric

IRON_MG: Iron (mg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

ZINC_MG: Zinc (mg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

MG_MG: Magnesium (mg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

PHOS_MG: Phosphorus (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

POTA_MG: Potassium (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

NA_MG: Sodium (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

CU_MG: Copper (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

IOD_MCG: Iodine (Âµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

SE_MCG: Selenium (Âµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

MN_MG: Manganese (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITC_MG: Vitamin C (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

THIA_MG: Thiamine (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

RIBO_MG: Riboflavin (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

NIAC_MG: Niacin (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITB5_MG: Vitamin B5 (mg)**Data file:** anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

VITB6_MG: Vitamin B6 (mg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FOLDFE_MCG: Folate (Âµg/mcg DFE)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FOL_MCG: Folate, total (Âµg/mcg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FOLFD_MCG: Folate food, naturally occurring food folates (Âµg/mcg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FOLFRE_MCG: Folate, free (Âµg/mcg)

Data file: anon_consumption_user

Overview

Valid: 0 Invalid: 0
 Type: Discrete Decimal: 0 Range: - Format: Numeric

FOLAC_MCG: Folic acid (synthetic) (Âµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITB12_MCG: Vitamin B12 (Âµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITA_RAE_MCG: Vitamin A (Âµg/mcg RAE)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITA_RE_MCG: Vitamin A (Âµg/mcg RE)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

BCAROT_MCG: Beta-carotene (Âµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

RETOL_MCG: Retinol (Âµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITD_MCG: Vitamin D (Åµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITE_MG: Vitamin E, alpha-tocopherol equivalents (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

VITK_MCG: Vitamin K (Åµg/mcg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

PHY_MG: Phytate, total (mg)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

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

FREE_SUGAR_G: Free sugars (g)**Data file:** anon_consumption_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 0 Range: - Format: Numeric

VERSION: Version**Data file:** anon_consumption_user

Overview

Valid: 0 Invalid: 0
Type: Discrete Width: 8 Range: - Format: character

ADM0_NAME: Country**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

description

SOURCE OF INFORMATION

Country

ADM1_NAME: Region**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Region

ADM2_NAME: Subregion**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Subregion

WEIGHTING_FACTOR: Weight factor**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION
Weight factor

AREA_TYPE: Area

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION
Area

HOUSEHOLD: ID Household

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION
ID Household

SUBJECT: ID Subject

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION
ID Subject

ROUND: Round**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Round

SEX: Sex**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Male
2	Female

description

SOURCE OF INFORMATION

Sex

AGE_YEAR: Age (years)**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Age (years)

ANT_DAY: Day of measurement**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Day of measurement

ANT_MONTH: Month of measurement**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Month of measurement

ANT_YEAR: Year of measurement**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Year of measurement

WEIGHT: Weight (kg)**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Weight (kg)

HEIGHT: Height (cm)**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: - Format: Numeric

description

SOURCE OF INFORMATION

Height (cm)

METHOD_WEIGHT: Method for body weight measurement**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Measured
2	Self-reported

description

SOURCE OF INFORMATION

Method for body weight measurement

METHOD_HEIGHT: Method for height measurement**Data file:** anon_subject_user**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Measured
2	Self-reported

description

SOURCE OF INFORMATION

Method for height measurement

SPECIAL_DIET: Special diet

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Normal diet
2	Vegetarian diet
3	Slimming diet
4	Diet influenced by other conditions not previously mentioned
5	Other

description

SOURCE OF INFORMATION

Special diet

PREG_LACT: Pregnant/lactating

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Non-pregnant non-lactating
2	Pregnant
3	Lactating
4	Pregnant and lactating

description

SOURCE OF INFORMATION

Pregnant/lactating

BREASTFEEDING: Breastfeeding

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	No
2	Partially breastfeeding
3	Exclusively breastfeeding
4	Breastfeeding (unspecified if partially or exclusively)

description

SOURCE OF INFORMATION

Breastfeeding

VERSION: Version

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 8 Range: - Format: character

description

SOURCE OF INFORMATION
Version

UNOVERREP: Under/over reporters for energy

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 2 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Under-reporter
2	Normal
3	Over-reporter
4	Cannot be estimated

description

SOURCE OF INFORMATION
Under/over reporters for energy

ACTIVITY: PAL

Data file: anon_subject_user

Overview

Valid: 0 Invalid: 0
Type: Continuous Decimal: 2 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	Sedentary
2	Moderately active
3	Vigorously active
4	Extremely active

description

SOURCE OF INFORMATION
PAL

study_resources

technical_documents

Malaysia Lipid Study 2012-2013, Codebook

title Malaysia Lipid Study 2012-2013, Codebook
country Malaysia
language English
filename fao_who_gift_code_book.xlsx
