

menuCH - Swiss Nutrition Survey 2014-2015

Submission date	Recruitment status	<input type="checkbox"/> Prospectively registered
14/07/2017	No longer recruiting	<input type="checkbox"/> Protocol
Registration date	Overall study status	<input type="checkbox"/> Statistical analysis plan
27/07/2017	Completed	<input checked="" type="checkbox"/> Results
Last Edited	Condition category	<input type="checkbox"/> Individual participant data
01/05/2025	Nutritional, Metabolic, Endocrine	

Plain English summary of protocol

Background and study aims

In the past Switzerland has lacked nationally representative information to evaluate diet, nutrition and food safety. To fill in the gap, the first national nutrition survey called 'menuCH' was conducted in 2014-2015. The primary aim of the cross-sectional survey was to determine what and how much people living in Switzerland eat and drink, when and where. The Institutes of Social and Preventive Medicine in Lausanne (IUMSP) and Bern (ISPM) developed and conducted menuCH on behalf of Swiss Federal Food Safety and Veterinary Office and Federal Office of Public Health, which funded the survey. Results on anthropometric characteristics and indicators of eating and physical activity behaviours have been published in a public report in English. Further results on dietary intakes at food and nutrient levels are to be published.

Who can participate?

Adults aged 18 to 75 living in Switzerland

What does the study involve?

Participants complete a questionnaire about physical activity and diet, and attend a study visit where they have their height and weight measured. Participants' food consumption is mainly assessed via a multiple-pass 24-hour dietary recalls (24HDR), using an international validated software (GloboDiet®). Participants are followed up with a phone call for a second 24HDR around two to six weeks later.

What are the possible benefits and risks of participating?

There are no benefits or risks with participating.

Where is the study run from?

Institute of Social and Preventive Medicine of Lausanne (IUMSP) and Bern (ISPM) / Federal Food Safety and Veterinary Office (Switzerland)

When is the study starting and how long is it expected to run for?

October 2012 to December 2016

Who is funding the study?

1. Federal Food Safety and Veterinary Office (Switzerland)
2. Federal Office of Public Health (Switzerland)

Who is the main contact?
menuCH team
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Contact information

Type(s)

Scientific

Contact name

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Type(s)

Public

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Additional identifiers

Protocol serial number

26/13

Study information

Scientific Title

Switzerland - National Nutrition Survey menuCH 2014-2015

Acronym

menuCH

Study objectives

The aim of the National Nutrition Survey menuCH is to define what and how much people living in Switzerland eat and drink, when and where in order to evaluate better the nutrition situation, keep high and improve food safety, detect faster possible risks associated with food, verify and adapt if necessary the present dietary recommendations, improve the food range and composition, develop and implement effective nutrition strategies and measures to promote health and quality of life, support research and development in the fields of nutrition, food and behaviour sciences with up-to-date and nationally representative data.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Cantonal ethics committee of Vaud, 21/02/2013, ref: Protocol 26/13

Study design

Nationwide cross-sectional nutrition survey of a stratified random sample of the population

Primary study design

Observational

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Population-based nutrition study

Interventions

Trained dietitians/nutritionists conduct two interviews per participant in German, French or Italian. The first interview is conducted face-to-face and the second is conducted by phone two to six weeks later.

The face-to-face interview consists of six elements:

1. Introduction and consent
2. Completeness check of the dietary behaviour and physical activity questionnaire
3. Anthropometric measurements
4. 24-hour dietary recalls (24HDR) using the international validated software GloboDiet® (40-60 minutes)
5. Schedule of the second phone-administrated 24HDR
6. Closure

The phone interview consists of only elements 4 and 6.

Intervention Type

Behavioural

Primary outcome(s)

1. Food consumption is assessed by two non-consecutive multiple-pass 24-hour dietary recalls
2. Body weight and height is measured to the nearest 0.1 kg and cm, respectively following WHO guidelines using a calibrated Seca 701 scale, equipped with a Seca 220 telescopic measuring rod (Seca GmbH, Hamburg, Germany). Body weight and height are used to calculate Body Mass Index (BMI)
3. Mean waist and hip circumferences are calculated out of three measures to the nearest 0.1 cm using a Gulick I unstretchable tape, equipped with a dynamometer (North Coast Medical, CA, USA)

Key secondary outcome(s)

1. Cooking and eating habits, nutrition knowledge, and physical activity (short form IPAQ), socioeconomic and demographic characteristics are assessed via a self-administered 49-item paper questionnaire

Completion date

31/12/2016

Eligibility

Key inclusion criteria

1. Non-institutionalized residents of Switzerland
2. Aged 18 to 75 years

Participant type(s)

Healthy volunteer

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

All

Key exclusion criteria

Institutionalized or unable to communicate in the national language

Date of first enrolment

27/01/2014

Date of final enrolment

28/02/2015

Locations

Countries of recruitment

Switzerland

Study participating centre

Institute of Social and Preventive Medicine (IUMSP) / Lausanne University Hospital (CHUV)

Route de la Corniche 10

Lausanne

Switzerland

1010

Study participating centre

Institute of Social and Preventive Medicine (ISPM) / University of Bern

Finkenhubelweg 11

Bern

Switzerland

3012

Sponsor information

Organisation

Swiss Federal Food Safety and Veterinary Office

Organisation

Swiss Federal Office of Public Health

Organisation

Federal Food Safety and Veterinary Office

ROR

<https://ror.org/01hwpsz06>

Funder(s)

Funder type

Government

Funder Name

Swiss Federal Food Safety and Veterinary Office

Funder Name

Swiss Federal Office of Public Health

Results and Publications

Individual participant data (IPD) sharing plan

All survey data are available on: <https://menuch.iumsp.ch/> (or directly here: <https://menuch.iumsp.ch/index.php/catalog/4>)

IPD sharing plan summary

Stored in repository

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	Pilot study results (published)	01/03 /2017		Yes	No
Results article	Main study results (published)	25/10 /2017		Yes	No
Results article	Alcohol-Drinking Levels	16/06 /2022	05/09 /2023	Yes	No
Results article	Caffeine consumption	20/12 /2019	05/09 /2023	Yes	No
Results article	Cancer-protective lifestyle adherence	14/09 /2023	05/09 /2023	Yes	No
Results article	Dietary Patterns	29/12 /2018	05/09 /2023	Yes	No
Results article	Differences between menuCH participants with different meat-eating habits	07/09 /2020	05/09 /2023	Yes	No
Results article	Does diet map with mortality?	14/04 /2022	05/09 /2023	Yes	No
Results article	Processed meat and association with sociodemographic and lifestyle factors	23/10 /2019	05/09 /2023	Yes	No
Results article	Ultraprocessed food intake	25/10 /2022	05/09 /2023	Yes	No
Results article	Breakfast composition and abdominal obesity	20/11 /2018	06/09 /2023	Yes	No
Results article	Contribution of diet quality to socioeconomic inequalities in obesity	12/07 /2019	06/09 /2023	Yes	No
Results article	Sugar consumption	19/05 /2019	06/09 /2023	Yes	No
Results article	Using different dietary assessment methods	21/03 /2022	06/09 /2023	Yes	No
Results article	Organic food intake	24/04 /2025	01/05 /2025	Yes	No

<u>Participant information sheet</u>	Participant information sheet	11/11 /2025	11/11 /2025	No	Yes
<u>Study website</u>	Study website	11/11 /2025	11/11 /2025	No	Yes