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# Enquête nationale sur l'alimentation - menuCH 2014/15

## Analyses réalisées et en cours

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Statut : septembre 2024

### Table des matières

|   |   |   |
|---|---|---|
| 1 | Aperçu des articles scientifiques soumis à l'examen de pairs..... | 2 |
| 2 | Aperçu des analyses en cours.....                                 | 7 |

L'Office fédéral de la sécurité alimentaire et des affaires vétérinaires (OSAV) met à disposition de chercheurs externes, les données individuelles anonymisées de l'enquête nationale sur l'alimentation "menuCH" 2014/2015 sous conditions d'une demande officielle et uniquement à des fins scientifiques (non commerciales) (<https://www.studydata.blv.admin.ch/catalog/4>).

Vous trouverez ci-dessous un aperçu des analyses déjà réalisées par des institutions externes, ainsi que celles en cours de réalisation. Les publications de l'OSAV ne figurent pas dans cette liste. L'ordre des articles de revues scientifiques soumis à l'examen de pairs est classé par ordre chronologique inverse. Les publications ainsi que les projets d'analyse en cours sont indiqués dans leurs langue d'origine. La personne responsable est la personne qui assume la responsabilité du respect de la convention de la protection des données signée par l'institution externe.



# 1 Aperçu des articles scientifiques soumis à l'examen de pairs

| N° de la convention -<br>Institution   | Personne<br>responsable | Titre de la publication   | Année de<br>publication |
|--|-------------------------|---|-------------------------|
| ID163- Haute école de santé<br>de Genève (HEdS-Genève),<br>filière nutrition et diététique                               | Angéline Chatelan       | <a href="#">Associations between body weight dissatisfaction and diet quality in women with a body mass index in the healthy weight category: Results from the 2014-2015 Swiss National Nutrition Survey</a>      | 2024                    |
| ID126 - Inselspital,<br>Universitätsklinik für<br>Diabetologie, Endokrinologie,<br>Ernährungsmedizin und<br>Metabolismus | Zeno Stanga             | <a href="#">Dietary fibre intake and its association with ultraprocessed food consumption in the general population of Switzerland: analysis of a population-based, cross-sectional national nutrition survey</a> | 2024                    |
| ID158 – Berner<br>Fachhochschule, HAFL   | Thomas Brunner          | <a href="#">Feasibility of Meat Loss and Waste Estimates Based on Meat Consumption and Availability</a>   | 2024                    |
| ID062 - l'École polytechnique<br>fédérale de Lausanne (EPFL),<br>Digital Epidemiology Lab                                | Marcel Salathé          | <a href="#">Food &amp; You: A digital cohort on personalized nutrition</a>  | 2023                    |
| ID119 - Zürcher Hochschule<br>für Angewandte<br>Wissenschaften (ZHAW),<br>Fachgruppe Ernährung und<br>Consumer Science   | Janice Sych             | <a href="#">Development of a Multilingual Web-Based Food Frequency Questionnaire for Adults in Switzerland</a>  | 2023                    |
| ID121 - Unisanté,<br>Département<br>épidémiologie et systèmes<br>de santé  | Murielle Bochud         | <a href="#">Differences in the Food Consumption Between Kidney Stone Formers and Nonformers in the Swiss Kidney Stone Cohort</a>  | 2023                    |
| ID144 - Kantonsspital Aarau,<br>Allgemeine Innere und<br>Notfallmedizin  | Philipp Schütz          | <a href="#">Association of Sociodemographic, Socioeconomic and Lifestyle Characteristics with Low Protein and Energy Intake in the Healthy Swiss Population</a>   | 2023                    |
| ID128 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention                                  | Sabine Rohrmann         | <a href="#">Is Following a Cancer-Protective Lifestyle Linked to Reduced Cancer Mortality Risk?</a>   | 2023                    |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention                                  | Sabine Rohrmann         | <a href="#">Alcohol consumption: context and association with mortality in Switzerland</a>  | 2023                    |

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|---|---------------------------------|--|---------------------------------|
| ID113 - Haute école de santé de Genève (HEdS-Genève),<br>filière nutrition et diététique  | Angéline Chatelan               | <a href="#">Description of Ultra-Processed Food Intake in a Swiss Population-Based Sample of Adults Aged 18 to 75 Years</a>  | 2022                            |
| ID037 - Berner Fachhochschule (BFH),<br>Wirtschaft, Abteilung<br>Methoden und Grundlagen  | Einsele Farshideh               | <a href="#">Finding Correlation between Chronical Diseases and Food Consumption from 30 Years of Swiss Health Data Linked with Swiss Consumption Data using FPGrowth for Association Analysis</a>                                      | 2022                            |
| ID037 - Berner Fachhochschule, Wirtschaft,<br>(BFH ) Abteilung<br>Methoden und Grundlagen | Einsele Farshideh               | <a href="#">Discovery of Association Rules of the Relationship between Food Consumption and Life Style Diseases from Swiss Nutrition's (MENUCH) Dataset &amp; Multiple Swiss Health Datasets from 19...</a>                            | 2022                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention   | Sabine Rohrmann                 | <a href="#">Different dietary assessment methods, similar conclusions? Comparison of a country's adherence to food-based dietary guidelines as depicted in two population-based surveys using different dietary assessment methods</a> | 2022                            |
| ID103 – Uni Zürich (UZH),<br>Institut für Evolutionäre<br>Medizin                         | Kaspar Staub                    | <a href="#">A quantitative synthesis study on body mass index and associated factors among adult men and women in Switzerland</a>  | 2022                            |
| ID103 – Uni Zürich (UZH),<br>Institut für Evolutionäre<br>Medizin                         | Kaspar Staub                    | <a href="#">The role of body height as a co-factor of excess weight in Switzerland</a>   | 2022                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention   | Sabine Rohrmann                 | <a href="#">Investigation of Alcohol-Drinking Levels in the Swiss Population: Differences in Diet and Associations with Sociodemographic, Lifestyle and Anthropometric Factors</a>   | 2022                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention   | Sabine Rohrmann                 | <a href="#">Characterisation of meat consumption across socio-demographic, lifestyle and anthropometric groups in Switzerland: results from the National Nutrition Survey menuCH</a>   | 2022                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention   | Sabine Rohrmann                 | <a href="#">Does diet map with mortality? Association of dietary patterns with chronic disease mortality and its spatial dependence in Switzerland</a>   | 2022                            |

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|---|---------------------------------|--|---------------------------------|
| ID044 - Forschungsinstitut für biologischen Landbau (FiBL),<br>Departement für<br>Sozioökonomie | Christian Schader               | <a href="#">Consumer strategies towards a more sustainable food system: insights from Switzerland</a>  | 2022                            |
| ID103 – Uni Zürich (UZH),<br>Institut für Evolutionäre<br>Medizin                               | Kaspar Staub                    | <a href="#">Selling, buying and eating – a synthesis study on dietary patterns across language regions in Switzerland</a>  | 2021                            |
| ID109 - Haute école de santé de Genève (HEdS-Genève),<br>filière nutrition et diététique        | Angéline Chatelan               | <a href="#">Diet quality in middle-aged and older women with and without body weight dissatisfaction: results from a population-based national nutrition survey in Switzerland</a> | 2021                            |
| ID037 - Berner<br>Fachhochschule (BFH),<br>Wirtschaft, Abteilung<br>Methoden und Grundlagen     | Farshideh Einsele               | <a href="#">A Study about Discovery of Critical Food Consumption Patterns Linked with Lifestyle Diseases for Swiss Population using Data Mining Methods</a>                        | 2021                            |
| ID044 - Forschungsinstitut für biologischen Landbau (FiBL),<br>Departement für<br>Sozioökonomie | Christian Schader               | <a href="#">How food choices link sociodemographic and lifestyle factors with sustainability impacts</a>   | 2021                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention         | Sabine Rohrmann                 | <a href="#">Ultraprocessed Food Consumption is Strongly and Dose-Dependently Associated with Excess Body Weight in Swiss Women</a>   | 2021                            |
| ID037 - Berner<br>Fachhochschule (BFH),<br>Wirtschaft, Abteilung<br>Methoden und Grundlagen     | Farshideh Einsele               | <a href="#">Building an Integrated Relational Database from Swiss Nutrition National Survey and Swiss Health Datasets for Data Mining Purposes</a>                                 | 2021                            |
| ID043 – Uni Zürich (UZH),<br>Institut für Evolutionäre<br>Medizin                               | Kaspar Staub                    | <a href="#">Clash of the pandemics? At least 150'000 adults in Switzerland suffer from obesity grades 2 or 3 and are thus at elevated risk for severe COVID-19</a>                 | 2020                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention         | Sabine Rohrmann                 | <a href="#">Daily and meal-based assessment of dairy and corresponding protein intake in Switzerland: results from the National Nutrition Survey menuCH</a>                        | 2020                            |

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|--|---------------------------------|--|---------------------------------|
| ID035 – Uni Genève (UNIGE),<br>Institut de recherches<br>sociologiques                       | Marlyne Sahakian                | <a href="#">Towards Win-Win Policies for Healthy and Sustainable Diets in Switzerland</a>  | 2020                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention      | Sabine Rohrmann                 | <a href="#">No-meat eaters are less likely to be overweight or obese, but take dietary supplements more often: results from the Swiss National Nutrition survey menuCH</a>           | 2020                            |
| ID099 - Berner<br>Fachhochschule (BFH),<br>Gesundheit, Fachbereich<br>Ernährung und Diätetik | David Fäh                       | <a href="#">The Importance of Sweet Beverage Definitions When Targeting Health Policies—The Case of Switzerland</a>  | 2020                            |
| ID074 - Bundesamt für<br>Gesundheit (BAG),<br>Chemikalien,<br>Sektion Risikobeurteilung      | Natalie von Goetz               | <a href="#">Estimating polybrominated diphenyl ether (PBDE) exposure through seafood consumption in Switzerland using international food trade data.</a>                             | 2020                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention      | Sabine Rohrmann                 | <a href="#">Combining Recent Nutritional Data with Prospective Cohorts to Quantify the Impact of Modern Dietary Patterns on Disability– Adjusted Life Years: A Feasibility Study</a> | 2020                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention      | Sabine Rohrmann                 | <a href="#">menuCH – wie ernährt sich die Schweiz?</a>   | 2020                            |
| Unisanté, Département<br>épidémiologie et systèmes<br>de santé                               | Murielle Bochud                 | <a href="#">Caffeine Consumption in Switzerland: Results from the First National Nutrition Survey MenuCH</a>   | 2020                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention      | Sabine Rohrmann                 | <a href="#">Intake of Processed Meat and Association with Sociodemographic and Lifestyle Factors in a Representative Sample of the Swiss Population</a>                              | 2019                            |
| ID033 – Unisanté,<br>Département épidémiologie<br>et systèmes de santé                       | Carlos de Mestral               | <a href="#">The Contribution of Diet Quality to Socioeconomic Inequalities in Obesity: A Population-based Study of Swiss Adults</a>  | 2019                            |

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|--|---------------------------------|--|---------------------------------|
| ID061 - Haute école de santé de Genève (HEdS-Genève),<br>filière nutrition et diététique | Maike Kruseman                  | <a href="#">Total, Added, and Free Sugar Consumption and Adherence to Guidelines in Switzerland: Results from the First National Nutrition Survey menuCH</a> | 2019                            |
| Unisanté, Département<br>épidémiologie et systèmes<br>de santé                           | Murielle Bochud                 | <a href="#">Estimation of exposure durations for vitamin D production and sunburn risk in Switzerland</a>  | 2019                            |
| ID059 – Uni Zürich (UZH),<br>Institut für Evolutionäre<br>Medizin                        | Kaspar Staub                    | <a href="#">Have Swiss adult males and females stopped growing taller? Evidence from the population-based nutrition survey menuCH, 2014/2015</a>             | 2019                            |
| ID043 – Uni Zürich (UZH),<br>Institut für Evolutionäre<br>Medizin                        | Kaspar Staub                    | <a href="#">Clustering of sociodemographic and lifestyle factors among adults with excess weight in a multilingual country</a>                               | 2019                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention  | Sabine Rohrmann                 | <a href="#">Cultural Differences in Diet and Determinants of Diet Quality in Switzerland: Results from the National Nutrition Survey menuCH</a>              | 2019                            |
| ID036 - Uni Zürich (UZH),<br>Institut für Epidemiologie,<br>Biostatistik und Prävention  | Sabine Rohrmann                 | <a href="#">Dietary Patterns and Their Sociodemographic and Lifestyle Determinants in Switzerland: Results from the National Nutrition Survey menuCH</a>     | 2019                            |
| ID051 - University of Leeds,<br>Nutritional Epidemiology<br>Group, United Kingdom        | Janet E. Cade                   | <a href="#">National nutrition surveys in Europe: a review on the current status in the 53 countries of the WHO European region</a>                          | 2018                            |
| CHUV, Institut Universitaire<br>de Médecine Sociale et<br>Préventive (IUMSP)             | Murielle Bochud                 | <a href="#">Association between breakfast composition and abdominal obesity in the Swiss adult population eating breakfast regularly</a>                     | 2018                            |
| CHUV, Institut Universitaire<br>de Médecine Sociale et<br>Préventive (IUMSP)             | Murielle Bochud                 | <a href="#">Lessons Learnt About Conducting a Multilingual Nutrition Survey in Switzerland: Results from menuCH Pilot Survey</a>                             | 2018                            |
| CHUV, Institut Universitaire<br>de Médecine Sociale et<br>Préventive (IUMSP)             | Murielle Bochud                 | <a href="#">Major Differences in Diet across Three Linguistic Regions of Switzerland: Results from the First National Nutrition Survey</a>                   | 2017                            |

## 2 Aperçu des analyses en cours

| N° de la convention - Institution  | Personne responsable | Titre du projet  | Date de publication prévue      |
|--|----------------------|--|---------------------------------|
| ID143 - Inselspital, Universitätsklinik für Diabetologie, Endokrinologie, Ernährungsmedizin & Metabolismus | Zeno Stanga          | Sources of dietary fibres  | 4 <sup>ème</sup> trimestre 2024 |
| ID119 - Zürcher Hochschule für Angewandte Wissenschaften (ZHAW), Fachgruppe Ernährung und Consumer Science | Janice Sych          | Development of a semi-quantitative online food frequency questionnaire optimized for dietary assessment of adults in Switzerland | 4 <sup>ème</sup> trimestre 2024 |
| ID036 - Uni Zürich (UZH), Institut für Epidemiologie, Biostatistik und Prävention                          | Sabine Rohrmann      | Was isst die Schweiz? Lebensmittelerverzehr, Ernährungsmuster und Lebensstil in den Schweizer Sprachregionen                     | 4 <sup>ème</sup> trimestre 2024 |
| ID136 - Haute école de santé de Genève (HEdS-Genève), filière nutrition et diététique                      | Angéline Chatelan    | Do the Swiss people eat differently according to seasons?  | 4 <sup>ème</sup> trimestre 2024 |
| ID128 - Uni Zürich (UZH), Institut für Epidemiologie, Biostatistik und Prävention                          | Sabine Rohrmann      | Cancer-protective and sustainable diets in Switzerland   | 4 <sup>ème</sup> trimestre 2024 |
| ID047 - Agroscope, Gruppe Sozioökonomie  | Albert von Ow        | Erbringung von Forschungs-, Beratungs- und Informatikdienstleistungen für die Ernährungssicherung in schweren Mangellagen        | 4 <sup>ème</sup> trimestre 2024 |
| ID147 - Berner Fachhochschule (BFH), Fachbereich Food Science & Management                                 | Thomas Brunner       | Eating green or eating meat? Eating crickets or eating beef? Sustainable food consumption behavior in Vietnam and Switzerland    | 4 <sup>ème</sup> trimestre 2024 |
| ID152 - Universität St. Gallen, Forschungszentrum für Handelsmanagement                                    | Thomas Rudolph       | Estimating dietary intake in Switzerland: A comparison of different methods and their results                                    | 4 <sup>ème</sup> trimestre 2024 |

| <b>N° de la convention -<br/>Institution</b>  | <b>Personne<br/>responsable</b> | <b>Titre du projet</b>  | <b>Date de publication<br/>prévue</b> |
|---|---------------------------------|---|---------------------------------------|
| ID157 – World Health Organisation (WHO), Department of Health Promotion               | Fiona Bull                      | Worldwide trends in insufficient physical activity from 2001 to 2022  | 4 <sup>ème</sup> trimestre 2024       |
| ID161 - Uni Zürich (UZH), Institut für Epidemiologie, Biostatistik und Prävention     | Sabine Rohrmann                 | Differences in folate intake and foods contributing to folate in the Swiss population                               | 4 <sup>ème</sup> trimestre 2024       |
| ID163 - Haute école de santé de Genève (HEdS-Genève), filière nutrition et diététique | Angéline Chatelan               | Diet quality of Swiss women with normal weight but dissatisfied by their body weight                                | 4 <sup>ème</sup> trimestre 2024       |
| ID174 - Uni Zürich (UZH), Institut für Epidemiologie, Biostatistik und Prävention     | Sabine Rohrmann                 | Do physical active individuals have a healthier lifestyle independent of their BMI?                                 | 4 <sup>ème</sup> trimestre 2024       |
| ID150 - Fernfachhochschule Schweiz (FFHS), Departement Gesundheit                     | Diego Moretti                   | Estimating the intake and bioavailability of iron and zinc from the Swiss diet                                      | 1 <sup>er</sup> trimestre 2025        |
| ID198 - Berner Fachhochschule (BFH), Departement Technik und Informatik               | Arno Schmidhauser               | Maschinelles Lernen zur Vorhersage des Body-Mass-Index  | 1 <sup>er</sup> trimestre 2025        |
| ID160 - Institut Paul Bocuse, centre de recherche santé et nutrition                  | Ana-Lucia Mayen-Chacon          | Cooking methods and their association with adiposity: results from the Swiss National Nutrition Survey              | 2 <sup>ème</sup> trimestre 2025       |
| ID199 - Kantonsspital Aarau, Allgemeine Innere und Notfallmedizin                     | Phillipp Schütz                 | Evaluating Swiss Food Consumption: A Comparative Analysis with the EAT-Lancet Planetary Health Diet Recommendations | 2 <sup>ème</sup> trimestre 2025       |
| ID165 - Wageningen University. Division of Human Nutrition                            | Inge Brouwer                    | Global Diet Quality Project   | 4 <sup>ème</sup> trimestre 2025       |
| ID169 - Fernfachhochschule Schweiz (FFHS), Departement Gesundheit                     | Giulia Pestoni                  | Diet diversity, nutrient adequacy, and consumption of ultra-processed food in the Swiss diet                        | 4 <sup>ème</sup> trimestre 2025       |



| <b>N° de la convention -<br/>Institution</b>   | <b>Personne<br/>responsable</b> | <b>Titre du projet</b>  | <b>Date de publication<br/>prévue</b> |
|--|---------------------------------|---|---------------------------------------|
| ID191 - Agroscope,<br>Gruppe Humanernährung,<br>Sensorik und Aroma                                   | Kathryn<br>Burton-Pimentel      | Evaluation of the dietary intake of<br>fermented foods in Switzerland   | 2 <sup>ème</sup> trimestre 2026       |
| ID127 - Imperial College<br>London, Global Environmental<br>Health Research Group,<br>United Kingdom | Majid Ezzati                    | Worldwide trends and clustering of<br>cardiometabolic risk factors, including<br>height, BMI and waist circumference      | 1 <sup>er</sup> trimestre 2027        |
| ID164 –Institut de Recherche<br>pour le Développement,<br>Montpellier                                | Eric Verger                     | Food systems that support transitions to<br>healthy and sustainable diets   | 2 <sup>ème</sup> trimestre 2027       |
| ID166 - Forschungsinstitut für<br>biologischen Landbau (FiBL),<br>Departement für<br>Sozioökonomie   | Christian Schader               | Environmental, human health and socio-<br>economic impacts of deliberative diets  | 4 <sup>ème</sup> trimestre 2027       |
| ID193 - Haute école de santé<br>de Genève (HEdS-Genève),<br>filière nutrition et diététique          | Angéline Chatelan               | Association entre apports énergétiques<br>des boissons ultra-transformées et<br>l'obésité au sein de la population Suisse | 4 <sup>ème</sup> trimestre 2027       |
| ID195 - Unisanté,<br>Département<br>épidémiologie et systèmes<br>de santé                            | Joachim Marti                   | The True Cost Accounting for Food in<br>Switzerland   | 4 <sup>ème</sup> trimestre 2027       |