

## The Greek National Survey on Health and Nutrition (the HYDRIA Project)



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Με τη συγχρηματοδότηση της Ευρωπαϊκής Ένωσης



Υγεία,  
Διατροφή,  
Ιατρική

*"HYDRIA. Program and targeted action on the health and nutrition of the Greek population: development and implementation of methodology and documentation".*

The HYDRIA survey was **implemented by the Hellenic Health Foundation (HHF)** in collaboration with the Hellenic Ministry of Health and the Center for Disease Control & Prevention in Greece.

Co-financed by the European Union (European Social Fund) and national resources.

<http://www.hhf-greece.gr/hydria.html>

[http://www.hhf-greece.gr/hydria-nhns.gr/index\\_eng.html](http://www.hhf-greece.gr/hydria-nhns.gr/index_eng.html)

# Development of methods and procedures

Based on the experience of our participation in :

- ❖ the network of the European Health Examination Surveys (EHES-Pilot Joint Action, 2009-2011), coordinated by the National Institute for Health and Welfare (Helsinki, Finland) and supported by DG-SANTE of the European Commission ([www.hhf-greece.gr/ehes GR.htm](http://www.hhf-greece.gr/ehes_GR.htm))
- ❖ the pilot phase of the EU-MENU (*What's on the menu in Europe*) initiative of the European Food Safety Authority - PANEU (<http://www.nut.uoa.gr/paneugr.html>)

# Study Aim and Objectives

Evaluate the **health status, dietary and lifestyle choices** of the population in Greece

- ❖ To collect **high-quality data**, from a **representative sample** of the population in Greece, on **health, diet and lifestyle habits, comparable at an international level**
- ❖ To extract **information on important health indicators** of the population for **enriching** the Health Charter of the Ministry of Health
- ❖ To exploit the accumulated information for the development and evaluation of **policies to protect and promote public health**
- ❖ To develop a **strategic plan** for undertaking of future studies
- ❖ To establish an **integrated network, based on local health centers**, for the long-term collection of health, diet and lifestyle data

# Sampling frame

- ❖ Sampling frame- ELSTAT-covered the 13 regions, 51 prefectures

Two-staged stratified random sampling

1st stage - primary sampling unit (PSU) being the municipal/local community

2nd stage - final unit being the individual

- ❖ Stratification criteria- geographic division of the country and the degree of urbanisation of the permanent residential area; selection was made by gender and age group
- ❖ ELSTAT provided with a distribution of an “anonymised” sample of individuals living in private households -frequency distribution across areas (municipal or local communities), sex (males, females) and age groups (18-24, 25-34, 35-44, 45-54, 55-64, 65-74, and 75+ )
- ❖ Convert the “anonymised” distribution - individuals in each selected PSU randomly approached through access to a list of randomly generated phone numbers

# Survey Sample

- ❖ 8,000 individuals, 18 years and over, permanently resident in Greece (2011 population census)
- ❖ **Exclusion** - collective households, institutions, households with members on diplomatic missions
- ❖ 50% response rate - representative sample of 4011 individuals, (1,873 males and 2,138 females)
- ❖ The age and gender distribution  
47%, 53% –**HYDRIA** vs 48% and 52% **GREEK POPULATION** (males, females)
- ❖ Weighting factors  
2011 Greek census (sampling design and the response rate by geographical region, degree of urbanisation, gender and age group)



# Communication-Appointment setting

1<sup>st</sup> telephone contact → Invitation to participate  
2<sup>nd</sup> telephone contact → Appointment setting



## Appointments

- ❖ At selected place close to the residence of participants
- ❖ Most convenient day (Monday to Sunday), (Morning, Afternoon or Evening), accounting for seasonal and weekly variation
- ❖ Scheduled by the coordinating centre, using an automated system allowed scheduling at different sites simultaneously - allowing tracking the record of each participant's appointment (booked, postponed or cancelled)
- ❖ Appointments were confirmed at the same day or a day prior to the scheduled appointment date

# Data collection-Examination sites

❖ Mainly included local health centers

- Public premises (town hall, peripheral doctors' office)
- Teaching premises (colleges, libraries, gymnastic halls),
- Open care community centres for the elderly
- Community clinics
- Mobile health care unit with facilities (somatometric measurements, personal interviews, blood drawing and processing)





# Data collection - Procedures

## First interview

- Signing informed consent
- Pulse measurement, blood pressure
- Health and lifestyle questionnaire
- Food Propensity Questionnaire- nonquantitative
- Eating out choices questionnaire (past month)
- 24-hour dietary recall (web based software application, HHF Nutrition Tool)
- Somatometric assessment,  
(standing height, body weight, waist and hip circumference, body fat)
- Collection of blood samples (stored in  $-80^{\circ}\text{C}$ )

## Second Interview

- 15-30 days, 2<sup>nd</sup> 24h dietary recall (via telephone )



# Data collection - Non-dietary information

## Health and Lifestyle Questionnaire (CAPI-computer assisted personal interview)

- ❖ Personal characteristics (date of birth, residential area)
- ❖ Socio-demographic information(education, occupation status, employment)
- ❖ Lifestyle choices (smoking, physical activity)
- ❖ Health status (perceived health, medical history), Health determinants
- ❖ Medications, Supplements

# Data collection – Dietary information

## Food propensity questionnaire (CAPI-computer assisted personal interview)

- ❖ short, non-quantitative questionnaire interviewer-administered
- ❖ frequency of consuming foods and dietary supplements in the previous year
- ❖ 88 food groups/items  
14 dietary supplements
- ❖ identify consumers - non-consumers
- ❖ correct the distribution of sporadic measurement values



### Food list covers:

- population's whole diet
- items important for:
  - risk assessment
  - nutrition monitoring
  - country-specific public health priorities

# Data collection – Dietary information

## Eating Out Questionnaire (*CAPI-computer assisted personal interview*)

- ❖ Usual consumption of food, beverages and soft drinks outside home, per meal
- ❖ The most recent feed outside home during the previous month (day of the week, place of consumption)
- ❖ Justification of the choice
- ❖ Changes in the frequency of eating out-of-home during the past year

# Data Collection - Other Measurements

- ❖ Pulse measurement
- ❖ Blood pressure
- ❖ Height
- ❖ Weight
- ❖ Body Fat
- ❖ Waist circumference
- ❖ Hip circumference
- ❖ Collection of blood samples (20ml, centrifuged, aliquoted, temporarily stored at 20°C, transported (styrofoam boxes) in dry ice, storage at deep freeze (-80°C)

Blood analysis (total and HDL cholesterol, glucose, glycosylated haemoglobin, creatinine, uric acid, total proteins, total calcium, transaminases (ALT / SGPT, AST/SGOT, vitamin D)

**Standardized procedures according to the European coordination center for HES**



Results sent by post / somatometric information

[http://www.ehes.info/EHES\\_pilot.htm](http://www.ehes.info/EHES_pilot.htm)

# Data collection - Dietary information

## 24-HDR HHF- Nutrition Tool

- ❖ web-based automated, interviewer-administered application developed by the HHF
- ❖ collects and codes dietary intake making use of the Multiple Pass Method (Am J Clin Nutr 2003; 77, 1171– 8)
- ❖ developed, tested, evaluated for its feasibility, PILOT-PANEU, EHES-Pilot
- ❖ validated through 24-hour urinary collections (creatinine, nitrogen, potassium)

<https://efsa.onlinelibrary.wiley.com/doi/pdf/10.2903/sp.efsa.2013.EN-508>

## 24-HDR HHF - Nutrition Tool

### Food List



- ❖ Food list (1782 food items )
- ❖ 10.000 food items provided from a big supermarket chain were scrutinized for adding new items existing on the market
- ❖ Items identified during the pilot study were also included
- ❖ Food classification in accordance to FoodEx 2 and Languag core groupings

# 24-HDR HHF- Nutrition Tool

## Recipe List

- ❖ Recipes – (homemade, ready to cook, ready to eat, new)
- ❖ The recipe list was based on Greek traditional recipes as published on the ‘COMPOSITION TABLES OF FOODS AND GREEK DISHES’
- ❖ Standard Greek recipes found in popular recipe books and web sites
- ❖ International standard recipes found at web sites
- ❖ Recipes reported during the pilot phase



<http://www.hhf-greece.gr/tables/Home.aspx?l=en>



## 24-HDR HHF- Nutrition Tool Facets-Descriptors-Other databases



- ❖ Facets can be defined as a series of questions
- ❖ Descriptors as the possible answers, which further define the characteristics of a given food item
- ❖ 23 facets introduced to record food characteristics (origin, physical state, cooking method, preservation method, sweetening agent, fat content, brand name, packaging material, etc.)
- ❖ Facet-descriptors in alignment with those of FoodEx2
- ❖ Database with (raw to cook factors, edible/inedible, fat absorbed, density coefficients (foods and recipes), brand names

# The HHF Nutrition Tool – Initial list



The screenshot displays the 'HHF Nutrition Tool' interface. At the top, there are two buttons: 'Αρχική Σελίδα' (Home Page) and 'Νέος Εθελοντής' (New Volunteer). The main content area is titled 'Αδρή Λίστα:' (Raw List:). Below this, there is a section for 'Πρωινό' (Breakfast) with a list of items. A large yellow oval is overlaid on the center of the page, containing the following statistics:

- 1782 FOOD ITEMS
- 340 RECIPIES
- 1989 BRAND NAMES

At the bottom of the interface, there are two navigation buttons: « Προηγούμενο » (Previous) and Επόμενο » (Next).

# The HHF Nutrition Tool – Detailed list

TV/PC/Games

- ΜΠΡΙΑΜ (ΜΠΡΙΑΜ) - Σππική Συνταγή
  - ® Σππικό/ημέτιομο, γνωστό λίπος ® Ναι ® Φρέσκο
    - ΠΑΤΑΤΕΣ ΝΕΑΣ ΣΟΔΕΙΑΣ ▶ Φρέσκο ▶ Σάρκα ▶ Ψητό στο φούρνο (με λίπος) ▶ Χωρίς πέτσα/φλούδα ▶ 94,23gr
    - ΝΤΟΜΑΤΑ Γ.Κ. ▶ Φρέσκο ▶ Ψητό στο φούρνο (με λίπος) ▶ 35,33gr
    - ΜΕΛΙΤΖΑΝΕΣ Γ.Κ. ▶ Φρέσκο ▶ Ψητό στο φούρνο (με λίπος) ▶ 19,79gr
    - ΠΙΠΕΡΙΑ ΠΡΑΣΙΝΗ - ΦΛΑΣΚΑ ▶ Φρέσκο ▶ Ψητό στο φούρνο (με λίπος) ▶ 20,02gr
    - ΚΟΛΟΚΥΘΑΚΙΑ ▶ Φρέσκο ▶ Ψητό στο φούρνο (με λίπος) ▶ 47,70gr
    - ΚΡΕΜΜΥΔΙ ΞΕΡΟ ▶ Φρέσκο ▶ Ψητό στο φούρνο (με λίπος) ▶ 15,02gr
    - ΕΛΑΙΟΛΑΔΟ Γ.Κ. ▶ 23,56gr
    - ΜΑΙΝΤΑΝΟΣ ▶ Φρέσκο ▶ Ψητό στο φούρνο (με λίπος) ▶ 2,36gr
  - ΨΩΜΙ
    - ΨΩΜΙ ΓΙΑ ΤΟΣΤ ΟΛΙΚΗΣ ΑΛΕΞΕΩΣ ▶ Μη εφαρμόσιμη μέθοδος μαγειρέματος ▶ Χωρίς ζέσταμα ▶ Χωρίς εφαρμογή ▶ Χωρίς εφαρμογή ▶ Τσάντα / Δίχτυ / Σακουλάκι ▶ Πλαστικό ▶ ΚΑΡΑΜΟΛΕΓΚΟΣ ▶ Συμβατικό ▶ Αδυναμία προσδιορισμού ▶ Μη εμπλουτισμένο / Μη ενισχυμένο ▶ Με αλάτι ▶ Αδυναμία προσδιορισμού ▶ Σππικό (προμήθεια σππίου), γ.κ. ▶ 50,00gr

Απογευμαινό

18:05

Καφετέρια / Μπαρ / Pub

- ΧΥΜΟΣ ΠΟΡΤΟΚΑΛΙ
  - ΧΥΜΟΣ ΠΟΡΤΟΚΑΛΙ ▶ Υγρό ▶ Χωρίς πρόσθετη γλυκαντική ύλη / Χωρίς ζάχαρη ▶ Μη εμπλουτισμένο / Μη ενισχυμένο ▶ Μπουκάλι ▶ Tetrabrik / Tetrapack (πολυστρωματικό υλικό) ▶ ΗΒΗ ▶ Συμβατικό ▶ Σππικό (προμήθεια σππίου), γ.κ. ▶ 425,00gr

Δείπνο

21:00

Σπίτα φίλων / οικογένεια - Με παρέα

- ΣΑΛΑΤΑ ΝΤΟΜΑΤΑ
  - ΝΤΟΜΑΤΑ Γ.Κ. ▶ Φρέσκο ▶ Χωρίς συσκευασία / Χύμα ▶ Χωρίς εφαρμογή ▶ Οργανικό / Βιολογικό ▶ ΚΡΗΤΗ ▶ Σάρκα ▶ Χωρίς πέτσα/φλούδα ▶ Ωμό, μη επεξεργασμένο ▶ Χωρίς ζέσταμα ▶ Σππικό (προμήθεια σππίου), χωρίς λίπος ▶ 154,00gr
- ΕΛΑΙΟΛΑΔΟ
  - ΕΛΑΙΟΛΑΔΟ ΕΞΤΡΑ ΠΑΡΘΕΝΟ ▶ Μπουκάλι ▶ Γυαλί ▶ Χωρίς εφαρμογή ▶ Αδυναμία προσδιορισμού ▶ Συμβατικό ▶ Αδυναμία προσδιορισμού ▶ Σππικό (προμήθεια σππίου), γ.κ. ▶ 14,00gr
- ΠΑΞΙΜΑΔΙ
  - ΠΑΞΙΜΑΔΙ ΤΥΠΟΥ ΝΤΑΚΟΣ ΠΑΡΑΔΟΣΙΑΚΟ Γ.Κ. ▶ Αδυναμία προσδιορισμού ▶ Χωρίς πρόσθετη γλυκαντική ύλη / Χωρίς ζάχαρη



## 24-HDR HHF- Nutrition Tool Quantification

- ❖ standard units
- ❖ household measures
- ❖ food pictures (174 food picture for adults, 68 food pictures for young children)
- ❖ photographs of usual tableware



# 24-HDR HHF- Nutrition Tool Food Atlas

## Food picture example

μακροσμένης επιφάνειας εργασίας

Επιλογή φωτογραφίας: P015 - ΤΟΜΑΤΕΣ (ΚΟΜΜΑΤΙΑ)

Μέρος που καταναλώθηκε

- 1/4
- 1/3
- 1/2
- 2/3
- 3/4
- Ολόκληρο
- Άλλο:

# Food picture evaluation

Public Health Nutrition: page 1 of 8

doi:10.1017/S1368980016000227

## Evaluation of a digital food photography atlas used as portion size measurement aid in dietary surveys in Greece

Androniki Naska<sup>1,2</sup>, Elisavet Valanou<sup>2</sup>, Eleni Peppas<sup>2</sup>, Michail Katsoulis<sup>2</sup>,  
Anastasia Barbouni<sup>3</sup> and Antonia Trichopoulos<sup>2,\*</sup>

<sup>1</sup>Department of Hygiene, Epidemiology and Medical Statistics, School of Medicine, National and Kapodistrian University of Athens, Athens, Greece: <sup>2</sup>Hellenic Health Foundation, Kaisareias 13 & Alexandroupoleas, GR-115 27 Athens, Greece: <sup>3</sup>Department of Public and Administrative Health, National School of Public Health, Athens, Greece

Submitted 1 September 2015: Final revision received 19 January 2016: Accepted 25 January 2016

### Abstract

**Objective:** To evaluate how well respondents perceive digital images of food portions commonly consumed in Greece.

**Design:** The picture series was defined on the basis of usual dietary intakes assessed in earlier large-scale studies in Greece. The evaluation included 2218 pre-weighed actual portions shown to participants, who were subsequently asked to link each portion to a food picture. Mean differences between picture numbers selected and portions actually shown were compared using the Wilcoxon paired signed-rank test. The effect of personal characteristics on participants' selections was evaluated through unpaired *t* tests (sex and school years) or through Tukey–Kramer pairwise comparisons (age and food groups).

**Setting:** Testing of participants' perception of digital food images used in the Greek national nutrition survey.

**Subjects:** Individuals (*n* 103, 61% females) aged 12 years and over, selected on the basis of the target population of the Greek nutrition survey using convenience sampling.

**Results:** Individuals selected the correct or adjacent image in about 90% of the assessments and tended to overestimate small and underestimate large quantities. Photographs of Greek traditional pies and meat-based pastry dishes led participants to perceive the amounts in the photos larger than they actually were. Adolescents were more prone to underestimating food quantities through the pictures.

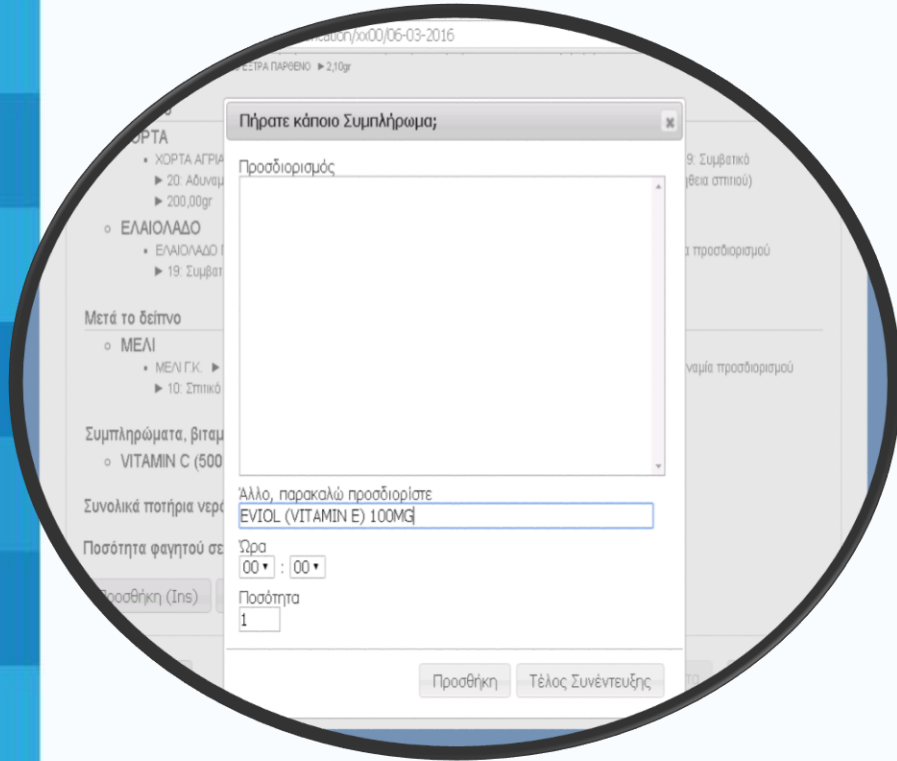
**Conclusions:** The digital food atlas appears generally suitable to be used for the estimation of average food intakes in large-scale dietary surveys in Greece. However, individuals who consistently consume only small or only large food portions may have biased perceptions in relation to others.



**Keywords**  
Digital photo database  
Portion size estimation  
HYDRIA

<https://www.cambridge.org/core/journals/public-health-nutrition/article/evaluation-of-food-photographs-assessing-the-dietary-intake-of-children-up-to-10-years-old/ACD017814E3760285F35752BDBF570AA>

# 24-HDR HHF- Nutrition Tool- Additional information



- ❖ Special diet
- ❖ Special occasion
- ❖ Eating circumstances (main courses)
- ❖ Same/ More/Less than usual consumption
- ❖ Total water consumption
- ❖ Supplement type
  - brand name
  - time of administration
  - quantity

## 24-HDR HHF- Food Composition tables

- Greek food composition table included in the e-book <http://www.eurofir.org/food-information/food-composition-databases/eurofir-aisbl-e-book-collection/>
- Chemical analyzed foods, traditional recipes, fishes, cheeses form other national sources.
- McCance and Widdows, CoFID, 6th edition



# FoodEx2 classification and description system

Coding of consumption data according to the FoodEx2 classification

HHF-Nutrition tool facets and descriptors provide a good context to describe food in sufficient detail and are in alignment with the facets/ descriptors of FoodEx2

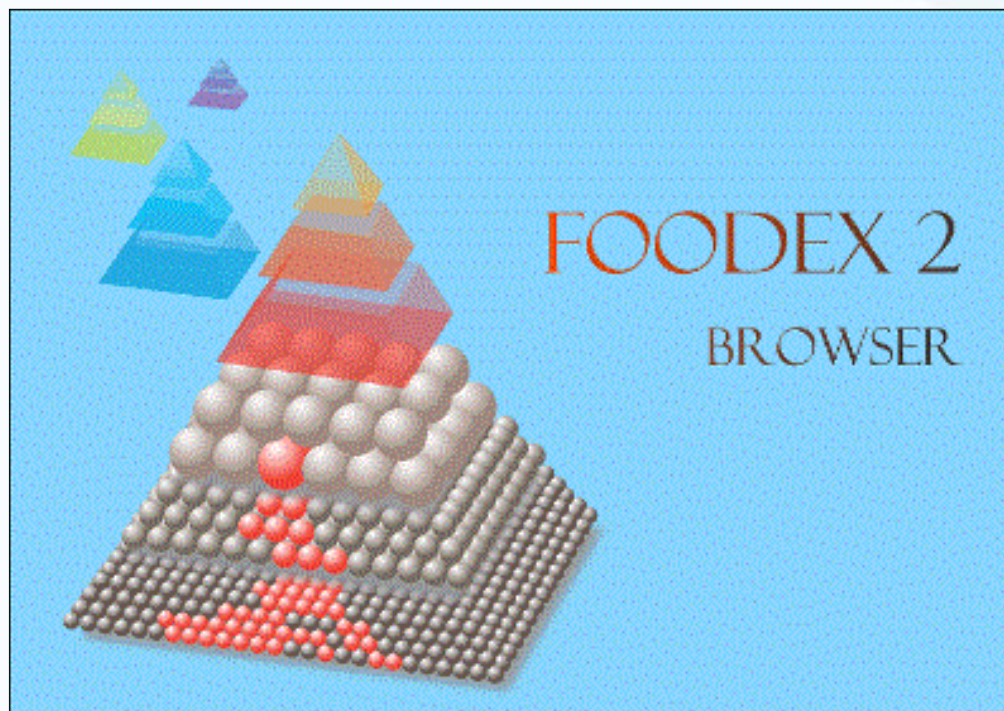
However, the coding of consumption data according to the FoodEx2 was challenging due to the complexity and structure of both databases

# WHAT IS THE FOODEX?

A comprehensive food classification and description system for exposure assessment.

A common language

Developed and maintained by EFSA



# EFSA FoodEx2 classification and description system

## Principal elements

- 8 Hierarchies – (different views of the basic food list)

(Master, Reporting, Exposure, Pesticide residues, Zoonoses, Feed, Veterinary drugs residue, Botanicals)

- Exposure Hierarchy for Food Consumption Data
- **21 main food categories** - Core food list parent-child relationship (Five group of terms graphically represented by a shape and colour code)
  - Hierarchy term (blue pyramid),
  - Generic terms by a white sphere,
  - Non-specific terms by a yellow sphere,
  - Core terms are represented by a red sphere
  - Extended terms by a green sphere
- Facets (32)

### TECHNICAL REPORT

APPROVED: 30 April 2015

PUBLISHED: 30 April 2015



## The food classification and description system FoodEx2 (revision 2)

European Food Safety Authority

### Abstract

FoodEx2 is a comprehensive food classification and description system aimed at covering the need to describe food in data collections across different food safety domains. After its first release in 2011, the system was broadly tested in various practical situations, allowing its evaluation and the identification of areas for improvement. As a consequence of this testing phase, FoodEx2 was reviewed and revised in order to match the needs expressed by the different users. In particular, the terminology was significantly expanded in the sections on raw commodities and natural sources, new hierarchies were added and the relationship between the terms and the most important facets was streamlined. This technical report, mainly aimed to data providers to EFSA, describes the revision of the system and also provides guidance for the harmonised use of the system and the quality control of the codes. Revision 2 of FoodEx2 replaces the revision 1.

© European Food Safety Authority, 2015

**Key words:** food classification, food description, food groups, food categories, core list, extended list, facets

**Requestor:** EFSA

**Question number:** EFSA-Q-2014-00143

**Correspondence:** data.collection@efsa.europa.eu

### TECHNICAL REPORT

APPROVED: 08 February 2019

doi:10.2903/tp.efsa.2019.EV-1584



## FoodEx2 maintenance 2016-2018

European Food Safety Authority (EFSA),  
Sofia Ioannidou\*, Marina Nikolic\*\* and Davide Gibin\*\*

\*EFSA Evidence Management (DATA) Unit, \*\*BV TECH S.p.A.

### Abstract

FoodEx2 is a comprehensive food classification and description system released by EFSA in 2011 (revision 1) and replaced in April 2015 by FoodEx2 revision 2, as a consequence of a testing phase. A first maintenance of the system was carried out in 2015 and a second during the years 2016-2018 in order to evaluate further comments and proposals provided to EFSA by users and stakeholders. This technical report describes the outcome of the second maintenance process, including addition of new terms, disposal of existing terms and amendments to existing terms including enrichment of implicit facets.

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**Key words:** food classification, food description, maintenance, FoodEx2

**Requestor:** EFSA

**Question number:** EFSA-Q-2016-00368

**Correspondence:** data.collection@efsa.europa.eu

# FoodEx2 browser tool

<https://www.efsa.europa.eu/en/data/data->

The screenshot displays the 'FOODEX 2.0 Browser ver. 0.1.3' application window. The interface is divided into several sections:

- Search Panel (Left):** Includes a search input field with a 'Go' button, radio buttons for 'Search current' (selected) and 'Search dictionary', and a list of search options with checkboxes: Natural source, Raw Primary Commodity (R), RPC Derivative/ ingredient, Simple composite, Aggregated composite, Heterogeneous group, and Facet. Below this is a section for 'Additional search fields' with checkboxes for GEMS code, Pesticide code, Foodex1 code, Languag code, Scientific name, and Common name.
- Navigation and Filter Panel (Top):** Features a 'Choose:' section with radio buttons for 'Hierarchies' (selected) and 'Facets', a dropdown menu set to 'Exposure hierarchy', and 'View terms:' checkboxes for 'In use in this domain' (checked), 'Optional in this domain', and 'Not used'.
- Tree View (Center):** A hierarchical tree of food products. The 'Fruit and fruit products [A01BS]' category is expanded, showing 'Fresh fruit [A04RK]' and 'Citrus fruit [A01BT]'. Under 'Citrus fruit', 'Mandarins (including mandarin-like hybrids) [A01CB]' is expanded, and 'Mandarin [A01CD]' is further expanded to highlight 'Clementine [A01CE]'.
- Term Detail Panel (Right):** Titled 'Term naming and definition', it provides details for the selected 'Clementine' term:
  - State:** Raw Primary Commodity
  - Corex:** Extended list
  - Term Code:** A01CE
  - Term Name:** Clementine
  - Correlated Codes:** A table with columns 'Code' and 'Catalogue':

Code	Catalogue
FC4005	GEMS
P0110050	MATRIX
  - Scientific names:** Citrus reticulata Bla...
  - Common names:** (Empty field)
  - Scopenotes:** Subgroup/Item of the group "Mandarin" belonging to the taxonomic group Citrus reticulata Blanco. The group includes the fruits from all types of Clementine. The part consumed/analysed is by default unspecified. When relevant, information on the part consumed/analysed has to be reported with additional facet descriptors.

## Foodex 2 matching challenges

Coding and matching after data collection required an extra effort due to the complexity of both databases as well as discrepancies between their structure

### More specifically:

- challenging to find a matching code for some items
- lack of national recipes - difficulties when the foods are part of a composite food
- disaggregated recipes in the Nutrition Tool, treated as one food in Foodex 2

*The matching was semi-automatic as inconsistencies between the two databases required manual checking and correction of discrepancies*

# Thank you very much Find us online



Web page : [www.hydria-nhns.gr](http://www.hydria-nhns.gr)

The screenshot shows the homepage of the HYDRIA study website. At the top, there is a navigation menu with tabs for HOME PAGE, HYDRIA STUDY, COLLABORATIONS, INFORMATION MATERIAL, NEWS, and USEFUL LINKS. Below the menu, there is a 'WELCOME MESSAGE' section featuring a photo of a man in a suit and a larger photo of a diverse family. To the left, there is a 'RECENT NEWS' section with a link to 'Hydria Results Conclusions & Recommendations' dated May 13, 2017. Below that is a 'HEALTH & NUTRITION' section with a link to 'Dietary guidelines for adults in Greece'. At the bottom, there are three boxes for 'FOR PARTICIPANTS', 'FAQ FREQUENTLY ASKED QUESTIONS', and 'CONTACT'. The footer contains logos for the Hellenic Republic, the European Union, the Ministry of Health, and the NSRF, along with the text 'Co-financed by Greece and the European Union' and '© 2013 ALL RIGHTS RESERVED'.

<http://www.hhf-greece.gr/images/hydria-results-eng.pdf>