

Tunisia - Tunisian National Nutrition Survey, 1996-1997.

National Institute of Nutrition and Food Technology, Tunisia

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Identification

SURVEY ID NUMBER

TUN_1996-1997_TNNS_v01_EN_M_v01_A_ESS

TITLE

Tunisian National Nutrition Survey, 1996-1997.

COUNTRY

Name	Country code
Tunisia	TUN

STUDY TYPE

Individual Food Consumption/Dietary Survey [hh/ifcs]

ABSTRACT

The objectives were to:

- Identify nutritional problems, severity and distribution according to regions/areas and socio-economic factors.
- Assess food consumption according to population demographic characteristics.
- Identify population groups with malnutrition deficiency or excess.
- Elaborate nutritional mapping according to the action plan adopted by all the countries, including Tunisia, at the World Food Summit in Rome in 1996.
- Identify vulnerable population groups in food insecurity situation by carrying out a causal analysis of the factors affecting their nutritional status.
- Realise a comparative analysis with the 1973-75 survey to know the changes and trends in nutritional status.
- Identify regions at risk to optimize and target intervention programs.
- Create a database for the planning, surveillance, monitoring and evaluation of nutritional interventions.

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.

Coverage

GEOGRAPHIC COVERAGE

National coverage, both urban and rural areas.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
National Institute of Nutrition and Food Technology, Tunisia

Sampling

SAMPLING PROCEDURE

It was a cross-sectional health study providing a large nationally representative sample of the Tunisian population and was conducted in 1996 and 1997. The sample of the survey was selected to be representative of the whole country. It was a random sample stratified at two levels (by district and then by household), taken from the database of the population, and lodging census that was carried out in 1994. At baseline, 1800 households situated at 300 districts of 6 households each were included.

WEIGHTING

Total households in stratum (S) = N

Size of a sample district (Di), is equal to Ni

Number of sample districts for stratum (S) = n

In the first degree;

Probability of selection randomly the district (Di) in the stratum (S) = $(n \cdot Ni) / N$

In the second degree, 6 households were random selected per sample district;

Probability of second degree random selection = $6 / Ni$

Definitive sampling rate by stratum $((n \cdot Ni) / N) \cdot (6 / Ni) = (6 \cdot n) / N$

Raising coefficient for the district (Di) is equal to $N / 6n$

Data Collection

DATES OF DATA COLLECTION

Start	End
1996-06-27	1997-12-28

DATA COLLECTION MODE

Face-to-face paper [f2f]

DATA COLLECTION NOTES

In this study, dietary intake was assessed using a 3-day food record (two weekdays and one weekend day) to collect the types and amounts of the meals, foods and beverages consumed. Trained dieticians visited the selected households to give participants detailed information about the objectives and the process of the survey, and instructions on how to record the amount of foods consumed using household tableware. Dieticians insist on the respondents not changing their eating habits.

The first step of the 3-day food record was self-administered by the subjects at home. The day of the survey, dieticians reviewed unclear descriptions, errors, omissions, or doubtful entries in the filled pre-printed form and asked the participants to clarify them. For each dish, a list of ingredients, the estimated weight of the raw edible portion and method of preparation were collected from the women in charge of food preparation. We asked for the state of the food consumed (as purchased, raw edible part, cooked edible portion). The accuracy of portion size of consumed foods was checked using photos of food portions and known weight/specific portions.

Access policy

CONTACTS

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CITATION REQUIREMENTS

Institut National de Nutrition et de Technologie Alimentaire. Evaluation de l'état nutritionnel de la population Tunisienne. Enquête Nationale 1996-1997

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Metadata production

DDI DOCUMENT ID

DDI_TUN_1996-1997_TNNS_v01_EN_M_v01_A_ESS_FAO

PRODUCERS

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DDI DOCUMENT VERSION

TUN_1996-1997_TNNS_v01_EN_M_v01_A_ESS_v01

Data Dictionary

Data file	Cases	Variables
data_anon_subjects	6441	23
data_anon_consumption	703240	77