Finland
ISSP 2007 – Leisure Time and Sports
Study Description

2008-04-16

ISSP Study Description Form – Finland (FI)

Study title:　　　　　Vapaa-aika ja liikunta (in Finnish)
　　　　　　　　　　Fritid och idrott (in Swedish)

Fieldwork dates:　　　2007-09-18 - 2007-12-11

*Principal
investigators:*　　　　Prof. Raimo Blom, University of Tampere
　　　　　　　　　　Prof. Harri Melin, University of Turku
　　　　　　　　　　Eero Tanskanen, Statistics Finland, Helsinki (fieldwork)

Sample type:　　　　Target population: household population aged 15 to 74.
　　　　　　　　　　Sampling design: a systematic random sample of individuals.
　　　　　　　　　　Sampling frame: population register, sorting order: domicile code and
　　　　　　　　　　birth date. Stratification: implicit geographic stratification. No
　　　　　　　　　　clustering.

Fieldwork institute:　Statistics Finland, Social Survey Unit, Helsinki
　　　　　　　　　　Researcher responsible: Timo Sirkiä (timo.sirkia@stat.fi)

Fieldwork methods:　Postal (both directions), self-completion, paper and pencil

N. of respondents:　　number of respondents in the final ISSP file: 1354

*Details about issued
sample:*

1. Total number of starting or issued names/addresses (gross sample size) *	2 500
2. Interviews (1.0)	…………………..
3. Eligible, Non-Interview A. Refusal/Break-off (2.10) B. Non-Contact (2.20) C. Other i. Language Problems (2.33) ii. Miscellaneous Other (2.31, 2.32, 2.35)	 37 9 ………………….. 8
3. Unknown Eligibility, Non-Interview (3.0)	1092
4. Not Eligible A. Not a Residence (4.50) B. Vacant Residence (4.60) C. No Eligible Respondent (4.70) D. Other (4.10,4.90)	 ………………….. ………………….. ………………….. …………………..

* When new sample units are added during the field period via a new dwelling units list or other standard
updating procedure, these additional issued units are added to the starting number of units to make up the total
gross sample size. Also, when substitution is used, the total must include the originally drawn cases plus all
substitute cases. See AAPOR/WAPOR Standard Definitions, pp. 9-10 for further clarification.

Language(s):　　　　Questionnaires in Finnish and Swedish. Information on language
　　　　　　　　　　from the population register. Finnish (95,0 % of total sample) and
　　　　　　　　　　Swedish (5,0 % of total sample).

Weight present:　　　Weight variables are included in the data-set. Basic data is
　　　　　　　　　　unweighted.

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Weighting procedure:	The design of the survey was systematic sampling. In order to improve the efficiency of estimation and to reduce bias due to non-response a calibration method was used for the creation of the weights.

The following marginal distributions of the population were used: 1) gender (male, female), 2) age classes (15–24, 25–34,…, 65–74), 3) NUTS3 regions with following modifications: the Greater Helsinki Area was dealt as a separate region, 4) type of community (urban - semi-urban - rural). There are two weights available for calculations: 1) a weight that expands the results to the population level (the sum of the weights is the size of the population aged 15 to 74) and 2) a weight that doesn't have the expansion property (the mean of the weights is 1 and the sum of the weights is the number of accepted responses, i.e. the size of the data). Both of the weights are based on the same calibration process, only the scale differs.

Known systematic properties of sample:

Sampling frame is updated and covers total population with the appropriate language restriction. A cross-sectional sample does not contain attrition by definition.

After having used our standard sampling procedures for over 20 years we have not encountered any bias due to using systematic sampling. Design effect of the sampling procedure <= 1 by definition.

Deviations from ISSP questionnaire:

The questionnaire included ISSP module with necessary background variables. Additional (optional) questions on the European Union were included.

List of deviations and coding specifications compared to ISSP source questionnaire:

1) Age (at the end of year 2007)
Age is computed from a variable for year of birth in the Finnish questionnaire (FQ). Missing responses added from register data

2) Hhcycle
The FQ asked separately how many persons there are in the household, how many of them are 7-17 years old and how many children less than 7 years of age. Hhcycle includes combined information from these variables.

3) FI_reg
Added from register data describing the regions. FQ did not include question for this.

4) FI_size
Added from register data describing the population of the municipality. FQ did not include question for this.

5) Weight and weight_2
As described earlier,
- [weight] is a weight that expands the results to the population level (the sum of the weights is the size of the 15-74 population) and
- [weight_2] is a weight that doesn't have the expansion property (the mean of the weights is 1 and the sum of the weights is the number of accepted responses, i.e. the size of the data).

6) Ethnic
Added from register data describing the ethnic identity (language code). FQ did not include question for this.

Publications: -