

Statistical Disclosure Control Methods

Healthy Ireland Survey 2015

Introduction

In order to supply a microdata set to the Irish Social Science Data Archive (ISSDA), it has been deemed necessary to apply statistical disclosure control methods to the full dataset. This is considered a prudent approach in order to assure, as far as is practical, that individuals who took part in the survey cannot be identified.

Methods applied

Anonymising the data

All directly identifiable variables have been removed from the dataset. This includes the internal ID number used in the administration of the survey. It should be noted, however, that no directly identifiable variables such as name or date of birth were collected.

Protection of key variables to make data non-disclosive

The following variables are considered key variables and deserve treatment under statistical disclosure control:

1. Single year of age -> 4 age categories
2. Geography has been coded to one of 4 categories.
3. Highest level of educational attainment -> 3 categories based on ISCED 2011
4. Country of Birth -> 5 country categories
5. SOC2010 -> reduced to 1 digit

In addition to key variables, data on the various measurement data were also removed and replaced by banded categorical variables:

1. BMI measurement -> 4 categories with removal of actual measurements
2. Waist circumference measurement -> 3 categories with removal of actual measurements

Variables which describe health conditions, ethnic origin or sexual orientation have also been removed as these are considered sensitive personal information.

Removal of variables

The following variables were removed from the dataset:

qa Can you please confirm that you have read and understood the information sheet I have shown you and are happy to proceed?

soc10 Soc 2010 code

q63 In your job do you have any formal responsibility for supervising the work of other employees?

q63_2_1 q63_2_2 q63_2_3 In the chief income earners job do they have any formal responsibility for supervising the work of other employees? – Yes, No, Don't Know

q51 Age in years

q57 What is the highest level of education/training (full-time or part-time) which you have completed to date?

dwq40a Height Measurement

dwq41a Weight Measurement

dwq42a Waist Measurement

q4sp_1 Have you suffered from any of the following conditions in the past 12 months? - Asthma (allergic asthma included)

q4sp_2 Have you suffered from any of the following conditions in the past 12 months? - Chronic bronchitis, chronic obstructive pulmonary disease (COPD), emphysema

q4sp_3 Have you suffered from any of the following conditions in the past 12 months? - Heart Attack or chronic consequences of heart attack

q4sp_4 Have you suffered from any of the following conditions in the past 12 months? - High blood pressure

q4sp_5 Have you suffered from any of the following conditions in the past 12 months? - A stroke or the chronic consequences of stroke (cerebral hemorrhage or cerebral thrombosis)

q4sp_6 Have you suffered from any of the following conditions in the past 12 months? - Arthrosis (excluding arthritis)

q4sp_7 Have you suffered from any of the following conditions in the past 12 months? - Arthritis

q4sp_8 Have you suffered from any of the following conditions in the past 12 months? - Lower back disorder or other chronic back defects

q4sp_9 Have you suffered from any of the following conditions in the past 12 months? - Neck disorder or other chronic neck defects

q4sp_10 Have you suffered from any of the following conditions in the past 12 months? - Diabetes

q4sp_11 Have you suffered from any of the following conditions in the past 12 months? - Allergy, such as rhinitis, hay fever, eye inflammation, dermatitis, food allergy or other (allergic

q4sp_12 Have you suffered from any of the following conditions in the past 12 months? - Cirrhosis of the liver

q4sp_13 Have you suffered from any of the following conditions in the past 12 months? - Urinary incontinence or problems in controlling the bladder

q4sp_14 Have you suffered from any of the following conditions in the past 12 months? - Kidney problems

q4sp_15 Have you suffered from any of the following conditions in the past 12 months? - Depression

q4sp_16 Have you suffered from any of the following conditions in the past 12 months? - None of these

q40a Are you happy for me to take these measurements?

ibmi BMI

q60a How long is it since you had a job?

q60a_2 How long is it since the chief income earner had a job?

q60b How long have you been looking for your first regular job?

q60b_2 How long has the chief income earner been looking for their first regular job?

q61 Did/Do you work as an employee or are you self-employed in your main job?

q61_2 Did/Does the chief income earner work as an employee or are they self-employed in their main job?

q67 Was the person you last had sexual intercourse with female or male?

q68 Which one of these descriptions applies best to you and this person at the time you last had sex?

q69 Did you use a condom on the last occasion of sex?

q70_1 Could you tell me if you used any other form of contraception on the last occasion of sex? - No method used

q70_2 Could you tell me if you used any other form of contraception on the last occasion of sex? - Contraceptive pill

q70_3 Could you tell me if you used any other form of contraception on the last occasion of sex? - Patch/ Ring/ Injection

q70_4 Could you tell me if you used any other form of contraception on the last occasion of sex? - IUD/ IUS/ Coil

q70_5 Could you tell me if you used any other form of contraception on the last occasion of sex? - Hysterectomy/Vasectomy/Sterilisation

q70_6 Could you tell me if you used any other form of contraception on the last occasion of sex? - Other

q70_7 Could you tell me if you used any other form of contraception on the last occasion of sex? - Don't Know

q70_8 Could you tell me if you used any other form of contraception on the last occasion of sex? - I'd rather not say/Refuse to answer

key2 Social Economic Group

q64 To which one of the following groups do you consider you belong?

q65a Were you born in the Republic of Ireland?

q65b In what country were you born?

q65c In which UK country were you born?

shwgt Sexual Health Weights

iabsi ABSI