Mexico - Study on Global Ageing and Adult Health-2009/10, Wave 1

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Sampling

Sampling Procedure

In Mexico strata were defined by locality (metropolitan, urban, rural).
A sub-sample of 211 PSUs were selected from the 797 WHS PSUs.
The Basic Geo-Statistical Areas (AGEB) defined by the National Institute of Statistics (INEGI) constitutes a PSU.
PSUs were selected probability proportional to three factors:
a) (WHS/SAGE Wave 0 50plus): number of WHS/SAGE Wave 0 50-plus interviewed at the PSU,
b) (State Population): population of the state to which the PSU belongs,
c) (WHS/SAGE Wave 0 PSU at county): number of PSUs selected from the county to which the PSU belongs for the WHS/SAGE Wave 0;
The first and third factors were included to reduce geographic dispersion. Factor two affords states with larger populations a greater chance of selection.

All WHS/SAGE Wave 0 individuals aged 50 years or older in the selected rural or urban PSUs and a random sample 90% of individuals aged 50 years or older in metropolitan PSUs who had been interviewed for the WHS/SAGE Wave 0 were included in the SAGE Wave 1 ''primary'' sample. The remaining 10% of WHS/SAGE Wave 0 individuals aged 50 years or older in metropolitan areas were then allocated as a ''replacement'' sample for individuals who could not be contacted or did not consent to participate in SAGE Wave 1. A systematic sample of 1000 WHS/SAGE Wave 0 individuals aged 18-49 across all selected PSUs was selected as the ''primary'' sample and 500 as a ''replacement'' sample.

This selection process resulted in a sample which had an over-representation of individuals from metropolitan strata; therefore, it was decided to increase the number of individuals aged 50 years or older from rural and urban strata. This was achieved by including individuals who had not been part of WHS/SAGE Wave 0 (which became a ''supplementary'' sample), although the household in which they lived included an individual from WHS/SAGE Wave 0. All individuals aged 50 or over were included from rural and urban ''18-49 households'' (that is, where an individual aged 18-49 was included in WHS/SAGE Wave 0) as part of the ''primary supplementary'' sample. A systematic random sample of individuals aged 50 years or older was then obtained from urban and rural households where an individual had already been selected as part of the 50 years and older or 18-49 samples. These individuals then formed part of the ''primary supplementary'' sample and the remainder (that is, those not systematically selected) were allocated to the ''replacement supplementary'' sample. Thus, all individuals aged 50 years or older who lived in households in urban and rural PSUs obtained for SAGE Wave 1 were selected as either a primary or replacement participant. A final ''replacement'' sample for the 50 and over age group was obtained from a systematic sample of all individuals aged 50 or over from households which included the individuals already selected for either the 50 and over or 18-49. This sampling strategy also provided participants who had not been included in WHS/SAGE Wave 0, but lived in a household where an individual had been part of WHS/SAGE Wave 0 (that is, the ''supplementary'' sample), in addition to follow-up of individuals who had been included in the WHS/SAGE Wave 0 sample.

Strata: Locality = 3
PSU: AGEBs = 211
SSU: Households = 4 968 surveyed
TSU: Individual = 5 449 surveyed

Response Rate

Household
Response rate=59%

Individual
Response rate=51%

Weighting

Household weights(variable hhweight) for analysis at household level and individual weights(variable pweight) for analysis at person level were calculated. These were based on the selection probability at each stage of selection. Household weights were post-stratified by locality according to the 2009 population census projections.
Individual weights were post-stratified by sex and age-groups (18-34, 35-49, 50-59, 60-105) according to the 2009

population census projections.
Weights are divided by 1000 and are not normalized.

Questionnaires

Overview

The questionnaires were based on the WHS Model Questionnaire with some modification and many new additions. A household questionnaire was administered to all households eligible for the study. A Verbal Autopsy questionnaire was administered to households that had a death in the last 24 months. An Individual questionniare was administered to eligible respondents identified from the household roster. A Proxy questionnaire was administered to individual respondents who had cognitive limitations. The questionnaires were developed in English and were piloted as part of the SAGE pretest in 2005. All documents were translated into Spanish. All SAGE generic questionnaires are available as external resources.

Data Collection

Data Collection Dates

Start	End	Cycle
2009-11	2010-01	N/A

Data Collection Mode

Face-to-face [f2f], CAPI

Data Collectors

Name	Abbreviation	Affiliation
Instituto Nacional de Salud Pblica	INSP	Ministry of Health

Data Processing

Data Editing

Data editing took place at a number of stages including:
(1) office editing and coding
(2) during data entry
(3) structural checking of the FoxPro files
(4) range and consistency secondary edits in Stata

Data Appraisal

No content available