

Generations & Gender Panel Study: Implementation of GGP in Belgium

Presentation prepared for the 5th meeting of the GGP International Working Group, Ljubljana, Slovenia, 18-20 January 2007

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Resources

Funding for Data Collection

- Federal Government
- Flemish Region (SVR)
- Walloon Region (IWEPS)
- In principle, resources for 3 Waves of data collection secured

Funding for Scientific Support

- Federal Science Policy (AGORA-programme)
- 3 FTE from December 2005 until June 2010 (preparation of 2nd wave)
- additional 2 FTE during Wave 1 data collection
- call for research proposals based on GGS in future?

Partners in GGP: Statistics Belgium (SB)

Role in GGPS

- Survey Organisation in charge of implementation
e.g. Labour Force Survey (LFS), Survey on Income and Living Conditions (SILC)
- ICT-support for programming of CAPI-questionnaire
- Pool of trained interviewers (LFS, SILC,...) & tablets

GGPS-team

- Head: Lydia Merckx
- Data collection: Hannelore Van Der Beken
- Analysis: Patrick Lusuyne
- ICT: Daniel Rochtus, Jean-Paul Dionys, Jacqueline Ravez

Partners in GGP: Scientific Support

- Vrije Universiteit Brussel (coördination):
Patrick Deboosere, Karel Neels
- Universiteit Antwerpen: Dimitri Mortelmans, Inge Pasteels
- Université Catholique de Louvain-La-Neuve
Thierry Eggerickx, Godelieve Masuy-Stroobant,
Jean-Paul Sanderson, Christophe Vandeschrick
- Studiedienst Vlaamse Regering: Martine Corijn, Edith Lodewijckx
- Institut Wallon de l'Evaluation, de la Prospective et de la Statistique
Marc Debuisson, Françoise Vanderkeelen
- Universiteit Gent: Hilary Page, Ronan Van Rossem
- Association pour le Développement de la Recherche Appliquée en Sciences Sociales:
André Lambert, Louis Lohlé-Tart

Calendar

- December 2005: Preliminary start of GGPS
- June 2006: GGP-team fully operational
- September 2006: AGORA Funding secured
- February-March 2007: Wave 1 Pilot Study in CAPI
- March-June 2007: Evaluation Pilot Study
Fine-tuning of Wave 1 Questionnaire
Wave 1 Sampling Design
- July-August 2007: Interviewer Training
- August-December 2007: Wave 1 Field Work
- In the course of 2009: Wave 1 Data available

- 2010 Data Collection for Wave 2
- 2013 Data Collection for Wave 3

Current State of the project:

Accomplished:

- International workshop on GGPS, ERFI, NKPS in January 2006
- Adaptation of the International Questionnaire to the Belgian context
- Transfer of data model for ERFI in BLAISE from INSEE/INED to Statistics Belgium
- Wave 1 Questionnaire translated in French (CAPI-transcription)
- Wave 1 Questionnaire translated in Dutch (CAPI-transcription)
- CAPI-version of Wave 1 Questionnaire
- Manuals for interviewers
- Sampling Design for Wave 1 Pilot Study

Work in progress:

- Questionnaire translation in English, German, Turkish (keywords),...
- Construction of Harmonized Data File
- development of Wave 1 Sampling Design
- PAPI Questionnaire (documentation)
- Contextual Data

Core Questionnaire & Optional Submodules

- Core Questionnaire
 - fully implemented
 - extension of routings
 - some additions
- Nationality & Ethnicity
 - partially implemented (questions on citizenship included)
- Previous Partners
 - fully implemented
- Intentions of Breaking Up
 - fully implemented
- Housing
 - very limited implementation
 - absence of variation for large number of variables (e.g. toilet,...)
 - detailed (contextual) information available from 2001 Census, Microcensus,...

Core Questionnaire & Optional Submodules

- Situation in real-life
 - no imputation from administrative records (e.g. for composition of HH)
- Extensions of routings & filters
 - small modifications
 - fertility: fertility of partner in case of same sex couples
 - partnership history:
 - all relationships lasting at least 3 months
 - not restricted to cohabiting partners (i.e. inclusion of LAT-relationships)
 - 16 spells in partnership history rather than 8

Core Questionnaire & Optional Submodules

- Extensions of routings & filtersAdditional questions on:
 - age at transition if date of event is unknown
 - way citizenship was acquired
 - limitations for all HH-members
 - residence outside household (see INED)
 - problems with accommodation (see 2001 Census)
 - reasons for moving in next 3 years
 - date educational career ended
 - registered cohabitation as well as marriage
 - reasons for breaking up (partnership history)
 - fertility problems and treatments
 - temporary leave from professional activities
 - intentions of working part-time/full-time
 - SES (professional category, type of contract, sector,...)
 - pension savings (life insurance, funds,...)
 - ...

Target Longitudinal Population & Follow-up

- Longitudinal Population
Residential, non-institutionalized population aged 18-79 at Wave 1
- Follow-up of Longitudinal Population
 - the population aged 79 and older will be followed up in Waves 2 & 3
 - even in the case of institutionalization (e.g. retirement homes,...)
- Restoring cross-sectional representativity in 2010 and 2013
 - Longitudinal population is aged 21-82 in 2010 and aged 24-85 in 2013
 - Age-group 12-14 drawn in 2007
 - Age-group 15-17 drawn in 2007
 - Prior estimate of attrition using National Register

Sampling Frame

- Sampling Frame: National Register
- Variables in National Register
 - name
 - date of birth
 - sex
 - household characteristics (collective household, size, members, relation to RP,...)
 - address (statistical sector,...)
 - history of marital status
 - history of internal migrations
 - history of changes in nationality
- List Frame: Sample of Named Individuals
- Target Wave 1 Sample Size: $N = 10.000$

Stratification & Oversampling

- Stratification

- by region: $N_{FLA}=4.800$, $N_{BXL}=2.000$, $N_{WAL}=3.200$
- by sex and age (age-groups 12-14, 15-17, 18-44 and 45-79) within regions
- results in 12 strata
- no additional stratification by marital status
- no additional stratification by household size

- Oversampling

- Brussels is oversampled
- no oversampling for members of the German-speaking community
- no oversampling for members of ethnic minorities

Follow-up & Monitoring Panel Attrition

- Tracing longitudinal population:
 - list of Wave 1 respondents is kept at SB throughout observation period
 - history of internal migrations in National Register
- National Register: monitoring selectivity:
 - cross-sectional: characteristics of non-response at Wave 1
 - histories in National Register allow to monitor selectivity of attrition
 - information on non-respondents available in anonymous or aggregate form:
compare occurrence of events between respondents & non-respondents

Sampling Design

- Different Options

- Single Random Sampling (SRS)
- Two-stage sampling procedure with communities acting as PSU's.

- SRS: pro's and con's

- cluster samples less efficient and more tedious in analysis of data:
in practice sampling design is often ignored during analysis...
- Diminishing advantages:
main advantages of two-stage sampling procedure with communities acting as PSU (i.e. practical organisation of field work, reduction of travel costs) is bound to diminish by Wave 2 & 3 as a result of internal migrations...
- Selected individuals scattered over territory in case of SRS:
implications for response rate?

Fielding GGPS

- Constraints for Wave 1 field work:
 - app. 15 weeks (i.e. August 27th – December 7th)
 - 200 interviewers
 - target: $10000 \leq N_{\text{RESPONDENTS}} \leq 10500$
- Characteristics:
 - CAPI questionnaire
 - Comprehensive set of manuals for interviewers
 - Contact form of Round 3 of the ESS (Named Individuals)
 - Field editing under CAPI: consistency checks, soft errors,...
 - Interview only accessible if contact form is adequately filled out
 - Selected individuals gradually released under CAPI:
automated gradual release of addresses under CAPI using data from contact forms

GGPS Pilot Study

- Objectives
 - test Wave 1 Questionnaire
 - feasibility of response monitoring and incremental diffusion of addresses
 - target effective sample size $N=100$
- Interviewers: $N_{\text{INTERVIEWERS}} = 6$
- Fieldwork
 - ca. 5 weeks
 - 1st Contact Wave (3 weeks) + 2nd Contact Wave (2 weeks)
 - sample size: $N = 2 \times 150$

Demographic challenges for the 21st century

A state of the art in Demography



Date	February 15-16, 2007
Location	Vrije Universiteit Brussel Auditorium Van Geen / Auditorium GD Pleinlaan 2, 1050 Brussels, Belgium
Registration fee	€ 60 (lunch and conference book included) € 15 (students, lunch included) Academic session on Thursday: free
Conference book	Included for participants Scheduled July 2007 Can be ordered separately via mail (€ 20) www.vub.ac.be/soco/demo/intro.htm
Registration Information	Vrije Universiteit Brussel Interface Demography Pleinlaan 2, 1050 Brussels, Belgium tel + 32 - (0)2 - 629 20 40 fax + 32 - (0)2 - 629 24 20 e-mail demography@vub.ac.be

Colloquium organised as a tribute
to the continuing endeavours of
Prof. Dr. Em. Ron Lesthaeghe
in the field of demography

Brussels, February 15 – 16, 2007