Growing Up in Digital Europe

The first Europe-wide longitudinal study of children

Growing Up In Digital Europe (GUIDE)
GUIDE – a comparative European longitudinal study of child wellbeing

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Manchester Metropolitan University
European Centre for Social Welfare Policy and Research
Vienna
Webinar: 29th June 2023

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GUIDE research design

Current activities and future phases of GUIDE
Growing Up in Digital Europe

Building the largest social science research infrastructure in Europe

- FP7 Concept development: MYWeb 2014 - 2016
- 2021 ESFRI Roadmap
- H2020 COORDINATE 2021 - 2025
- H2020 design study ECDP 2018 – 2019
- ERIC status
- Horizon Europe GUIDEPREP 2022 – 2026
- ESFRI implementation and operation phases 2027 - 2053
Survey of Health, Ageing & Retirement in Europe

European Social Survey

Generations & Gender Programme

Growing Up in Digital Europe
Growing Up in Digital Europe

International Conference on Research Infrastructures, 2022 Brno

The European Survey Research Infrastructure Landscape: A Resource for Science and Policy

21.10.2022, 14:00 - 15:30
SIDE EVENT

PERU Policy Evaluation & Research Unit
Manchester Metropolitan University
Securing High-quality Data on Populations

Why we need EuroCohort, GGP and SHARE in Europe

Evidence-based policy requires high-quality data. Fortunately, we are living through a data revolution, which is opening up new opportunities for better quality data to feed into the policymaking process. There is an increasingly diverse range of data to help inform policy. Data from censuses and population registers, as well as from surveys, biomarkers, digital trace data and genetic data can help us triangulate and deepen our understanding of populations. However, when there is such a vast amount of data available, there is a danger that we end up drowning in numbers.
Why do we need GUIDE?
Why we need GUIDE

UNICEF, Innocenti, Italy

Growing Up in Scotland

Child of the New Century

United Kingdom

Growing Up in Ireland

National Longitudinal Study of Children

United Kingdom

Moba

Mother and Child Cohort Study

Norway

Tree

Transitions from Education to Employment, Switzerland

SFI

Danish Longitudinal Study of Youth

Germany

Cohort '18

Growing Up in Hungary

Growing Up in Digital Europe

GUIDE

Why we need GUIDE

Generation R

Netherlands

NEPS

National Educational Panel Study

Germany

Elfe: French Longitudinal Study of Children

United Kingdom
Survey comparability

GUIDE

Fully harmonised
High comparability

Common instruments and methodology

Previous Studies

Little attempt to harmonise
Low comparability

Post-hoc harmonisation methods
GUIDE overview of research design
GUIDE methodology

- Questionnaire content is policy focused
- Input harmonized for comparative analysis
  - Common questionnaires
  - Common data collection procedures and time frame
- Children and young people involved in the design
- Accelerated cohort design
  - Cohort 1: 8-year-old children and their main carer
  - Cohort 2: 9-month-old children and their main carer
- Nationally representative samples
- Open access to data
GUIDE fieldwork schedule

Initial piloting and Infrastructure development 2021-2025: COORDINATE
Three year cycle from age 2
Four waves in first 5 years
Then three waves per 5 years

Age

H2020
COORDINATE
Starting Community

Phase -->
Design and preparation
Implementation
Operation
Termination

calendar year 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055
## Wave 1

### COVID Cohort 1: Child Cohort (8 years old)

#### Child Questionnaire

1. Psychological well-being
2. Emotional wellbeing
3. Physical wellbeing
4. Social wellbeing
5. Family and home
6. Friendships
7. School
8. Neighbourhood
9. Material conditions
10. Activities
11. Health
12. Children's rights and voice

#### Parent Questionnaire

1. Household Information
2. Socio-Demographics
3. Childcare, Parental Support and Parenting
4. Child's Education
5. Child's Activities
6. Pregnancy and Birth
7. Child's Health and Well-Being
8. Health and Well-Being
9. Employment and Socio-Economics
10. Housing, Neighbourhood and Community

### Cohort 2: Birth (9 months)

#### Parent Questionnaire

1. Household Information
2. Socio-Demographics
3. Childcare and Parental Support
4. Child Functioning and Relationships
5. Baby's Development and Habits
6. Pregnancy and Birth
7. Baby's Health and Nutrition
8. Health and Well-Being
9. Employment and Socio-Economics
10. Housing, Neighbourhood and Community

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**Digital life**
## Long term plan – education

<table>
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<tr>
<th>Child's Age</th>
<th>9m</th>
<th>2y 9m</th>
<th>5y 9m</th>
<th>8y 9m</th>
<th>11y 9m</th>
<th>14y 9m</th>
<th>17y 9m</th>
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For each cohort, a sample of children resident in the country within the relevant one-year age range.

Varies between countries and cohorts, to recognise national availability, adhering to common principles and parameters.

For each national sample design (which will depend on sample size, stratification, selection probabilities and clustering).

agreed by the central team, who will work with each national team to develop and approve an acceptable sample design.
Attrition rates will differ over a 25-year period for both cohorts and between countries. In setting the initial target sample sizes for each cohort it is necessary to anticipate likely levels of attrition in such a way as to ensure that the later data collection waves retain sufficient respondents for inferential statistical analysis.

We propose that wave 1 minimum effective sample size should be set at 10,000 for the birth cohort (C2) and 8,000 for the childhood cohort (C1), with a waiver for the smallest countries, where demographic data will inform effective sample sizes.
Potential GUIDE survey data integration

Cohort Data Integration

- GUIDE SURVEY DATA
- NATIONAL REGISTRY-BASED DATA (where available)
- BIOLOGICAL SAMPLES (not first waves)
- DIGITAL FOLLOW-UP DATA e.g. wellness and activity apps
Multidisciplinarity

Health
- Perinatal period, sleep, accidents and injuries, asthma, respiratory disease and allergies, healthcare consumption, infectious diseases

Social sciences
- Demography & family, socialization & education, economic status & insecurity

Health environment
- Exposure to environmental pollutants, physical exposure

School

Diet & nutrition

Psychomotor development

Physical activity
GUIDE Consortium
Growing Up in Digital Europe

GUIDE Consortium

23 Partners

20 Countries
DATA CHILDREN WELLBEING

- Initiating a community of researchers working to enhance child wellbeing.
- Facilitating improved access to longitudinal survey data on child wellbeing.
- Giving children a voice in research that concerns them.
"Starting Community” to support child wellbeing using survey data

• Improving access to existing data
• Facilitating networking with academics, policy makers and funders across Europe
• Joint research: pilot survey for the GUIDE project
  Croatia, Finland, France, Ireland

https://www.coordinate-network.eu
@coordinate_eu
This project has received funding from the European Union's Horizon Europe Research and Innovation programme under grant agreement No 101078945
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