

Questions documentation

19+-year Questionnaire: Mobile Phone Questionnaire

The Norwegian Mother and Child Cohort Study (MoBa)

2. generation MoBa participants aged 19 years and older

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MODEL STRUCTURE OF WHAT IS PRESENTED PER INSTRUMENT/SECTION

Instrument

1. Name of original instrument/question:

Original name of scale (*no name* if only single question)

List wording of questions included in the section (with number from questionnaire in front) and write response categories (with values used in the dataset)

2. Description of original scale or selection of items used

Description of analytical approaches for selecting just a sample of items from a scale

If single question. NOT RELEVANT

If selection of established short version, make referral to literature and/or use

Where does the Q/scale come from, what is it meant to measure. Description of number of items, subscales. Where the Q/scale has been used and any information that give insight into what instrument this is.

Primary references of the instrument as well as important secondary publications if relevant.

3. Rationale for choosing the instrument:

What is it meant to measure and IF RELEVANT: Why this measure was chosen (if relevant).

4. Modifications:

Describe modifications during the study from one version to another.

Write if omitted or added from one version to another

NOTE:

This instrument documentation was written based on version A of the questionnaire per 15/11/2023.

If you have any comments that may improve this document, please contact mobaadm@fhi.no.

1. Current activities

Q		Response options	Variable name
1	What do you usually do?		
		Attending upper secondary school	VG13
		Studying	VG14
		Vocational training or apprenticeship	VG15
		Military service	VG16
		Folk high school	VG17
		Year off	VG18
		Job seeking/temporarily laid off	VG19
		On sick leave/disability pension/leave-to-job support	VG20
		Employed in private sector	VG21
		Employed in public sector	VG22
		Self-employed	VG23
		Freelance	VG24
		Other	VG25
2	Have you been in paid employment during the past year?		
		1 - Yes 2 - No	VG26
2.1	How many hours do you work per week?		
	<i>This element will only be displayed if option 1, "Yes", was selected in question 2, "Have you been in paid employment during the past year?"</i>	Text response (whole number)	VG27
2.2	Do you have working hours outside normal daytime hours - do you work evenings (18-21) or nights (21-06)?		
	<i>This element will only be displayed if option 1 "Yes" was selected in question 2, "Have you been in paid employment during the past year?"</i>	1 - Yes, nights 2 - Yes, evenings 3 - Yes, both 4 - No	VG28
2.2.1	How many nights a month do you work (between 22 and 06) on average?		
	<i>This element will only be displayed if option 1 "Yes, nights" was selected in question 2.2, "Do you have working hours outside normal daytime hours – do you work evenings (18-21) or nights (21-06)?"</i>	1 - 0 2 - 1 3 - 2 4 - 3 32 - 31	VG29
3	How many hours a week do you spend on school or studying? (Including classes and homework/self study)		
		Text response (whole number)	VG30
4	Where does your income come from?		
		Student loans and grants for living expenses (excluding school fees)	VG31
		Financial help from parents/family	VG32
		Work or other commercial activity	VG33
		Other	VG34

4.1	If you ticked “Other”, describe briefly where your income comes from.	
	<i>This element will only be displayed if “Other” was selected in question 4, “Where does your income come from?”</i>	Text response VG35
4.2	How much do you expect to receive from student loans and grants for living expenses (without school fees)?	
	<i>This element will only be displayed if “Student loans and grants for living expenses (excluding tuition fees)” was selected in question 4, “Where does your income come from?”</i>	Whole number (0-1,000,000)* VG36
4.3	How much do you expect to receive from parents/family?	
	<i>This element will only be displayed if “Financial help from parents/family” was selected in question 4, “Where does your income come from?”</i>	Whole number (0-1,000,000)* VG37
4.4	How much do you expect to receive from work or other commercial activity?	
	<i>This element will only be displayed if “Work or other commercial activity” was selected in question 4, “Where does your income come from?”</i>	Whole number (0-1,000,000)* VG38
4.5	How much do you expect to receive from other sources?	
	<i>This element will only be displayed if “Other” was selected in question 4, “Where does your income come from?”</i>	Whole number (0-1,000,000)* VG39
5	What is your current living situation?	
	I live alone	VG40
	I live with partner/spouse	VG41
	I live with one or two parents / step parents	VG42
	I live with siblings / half-siblings / step siblings	VG43
	I live with friends / collective / barracks	VG44
	I live with my own children	VG45
	I live with other people's children	VG46
	I live with people other than those mentioned above	VG47

1. Name of original scale:

2. Description of original scale or selection of items used:

These questions describe the current situation of the participants, their occupation, financial situation, and housing. Question 1 and 7 are taken from the MoBa 18 questionnaire.

3. Rationale for choosing the instrument: To understand the current situation of the respondents.

4. Modifications: In question 7, “collective” and “barracks” have been added to the response “I live with friends” to capture all living arrangements where young people live together without being in a romantic or family relationship. *In version A of the questionnaire, variables VG36, VG37, VG38 and VG39 contain text values due to a technical error.

2. Education

Q	Response options	Variable name
6	If you have attended upper secondary school, which education programme was the first you started on?	
	1 - Have not attended upper secondary school 2 - Building and construction 3 - Electrical engineering and computer technology 4 - Hairdressing, floral, interior and retail design 5 - Crafts, design, and product development 6 - Healthcare, childhood and youth development 7 - Information technology and media production 8 - Agriculture, fishing and forestry 9 - Restaurant and food processing 10 - Sales, service and tourism 11 - Technology and industrial production 12 - Sports and physical education 13 - Art, design and architecture 14 - Media and communication 15 - Music, dance and drama 16 - Specialization in general studies 17 - Other	VG48
6.1	When did you first start upper secondary school?	
	1 - 2014 2 - 2015 3 - 2016 4 - 2017 5 - 2018 6 - 2019 7 - 2020 8 - 2021 9 - 2022 10 - 2023 11 - 2024 12 - 2025 13 - 2026 14 - 2027 15 - 2028	VG49
7	Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?	
	Lower secondary school (also tick if you had grade 1 in one or more subjects)	VG50
	1 st year upper secondary / basic upper secondary education (vocational)	VG51
	1 st year upper secondary (general studies)	VG52
	2 nd year upper secondary (vocational)	VG53
	2 nd year upper secondary (general studies)	VG54
	Trade or journeyman's certificate (vocational)	VG55
	3 rd year upper secondary (general studies)	VG56
	Supplementary programme for general university admission certificate	VG57
	Vocational college degree / Master certificate	VG58
	University college/university degree 4 years or less (Bachelor's degree)	VG59
	University college/university degree more than 4 years (Master's degree)	VG60
	Other	VG61

7.1	If you chose “Other”, please specify:		
	<i>This element will only be displayed if “Other” was selected in question 7, “Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?”.</i>	Text response	VG62
7.2	Why haven't you finished upper secondary education?		
	<i>This element will only be displayed if at least one of options 1-5 or 12 are selected in question 7, “Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?”.</i>	I am still in upper secondary education (school or apprenticeship)	VG63
		I got bored / lacked motivation	VG64
		I made the wrong choice or became uncertain about my choice	VG65
		I was not accepted to the educational programme that I wanted	VG66
		I was not accepted into the school I wanted	VG67
		I did not get an apprenticeship	VG68
		I was temporarily laid off from the apprenticeship	VG69
		I lost my apprenticeship / I was dismissed	VG70
		I felt that I did not master the subjects at school	VG71
		I did not feel at ease in the social environment in school	VG72
		I did not master the job as an apprentice	VG73
		I did not feel at ease in the company as an apprentice	VG74
		I did not master home schooling / homework during the Corona pandemic / strike	VG75
		I received a grade 1 / failed in one or more subjects / exam	VG76
		My undocumented absence was too high	VG77
		I did not receive a grade in one or more subjects due to a lack of basis for assessment	VG78
		I wanted to work instead	VG79
		I wanted to attend a folk high school instead	VG80
		I wanted to take a year off school/work	VG81
		I became physically ill	VG82
	I had mental health difficulties	VG83	
	I had substance abuse problems	VG84	
	I experienced problems in my family	VG85	
	I had a child	VG86	
	I don't know	VG87	
	Other	VG88	
7.2.1	If you chose “Other”, please specify:		
	<i>This element will only be displayed if “Other” is selected in question 7.2, “Why haven't you finished upper secondary education?”.</i>	Text response	VG89
7.3	How many GPA points did you receive in lower secondary education (GPA points = grade point average times 10)		
		1 - 10-14 points (GPA 1,0-1,4) 2 - 15-19 points (GPA 1,5-1,9) 3 - 20-24 points (GPA 2,0-2,4) 4 - 25-29 points (GPA 2,5-2,9) 5 - 30-34 points (GPA 3,0-3,4) 6 - 35-39 points (GPA 3,5-3,9) 7 - 40-44 points (GPA 4,0-4,4) 8 - 45-49 points (GPA 4,5-4,9) 9 - 50-54 points (GPA 5,0-5,4) 10 - 55-60 points (GPA 5,5-6,0) 11 - I don't know 12 - I did not get education points	VG90

7.4	In which education programme did you achieve Higher Education Entrance Qualification?		
	<i>This element will only be displayed if at least one of options 7, 8, 10 or 11 are selected in question 7, “Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?”.</i>	<ul style="list-style-type: none"> 1 - Sports and physical education 2 - Art, design and architecture 3 - Media and communication 4 - Music, dance and drama 5 - Specialization in general studies 6 - Supplementary programme for general university admissions certification 7 - Other (specify) 	VG91
7.4.1	If you chose “Other”, please specify:		
	<i>This element will only be displayed if option 7, “Other”, is selected in response to question 7.4, “In which education programme did you achieve Higher Education Entrance Qualification?”.</i>	Text response	VG92
7.5	How many grade points did you have on your first certificate (primary certificate) from upper secondary school (grade point average times 10, without language and science credits)?		
	<i>This element will only be displayed if at least one of options 7, 8, 10 or 11 are selected in question 7, “Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?”.</i>	<ul style="list-style-type: none"> 1 - 10-14 points (GPA 1,0-1,4) 2 - 15-19 points (GPA 1,5-1,9) 3 - 20-24 points (GPA 2,0-2,4) 4 - 25-29 points (GPA 2,5-2,9) 5 - 30-34 points (GPA 3,0-3,4) 6 - 35-39 points (GPA 3,5-3,9) 7 - 40-44 points (GPA 4,0-4,4) 8 - 45-49 points (GPA 4,5-4,9) 9 - 50-54 points (GPA 5,0-5,4) 10 - 55-60 points (GPA 5,5-6,0) 11 - I don’t know 12 - I did not receive a primary certificate 	VG93
7.6	What was your grade point average on your certificate of competence for 2nd year upper secondary (vocational)?		
	<i>This element will only be displayed if the option “2nd year upper secondary (vocational)” is selected in question 7, “Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?”.</i>	<ul style="list-style-type: none"> 1 - 1,0-1,4 2 - 1,5-1,9 3 - 2,0-2,4 4 - 2,5-2,9 5 - 3,0-3,4 6 - 3,5-3,9 7 - 4,0-4,4 8 - 4,5-4,9 9 - 5,0-5,4 10 - 5,5-6,0 11 - I don’t know 12 - I did not get a certificate of competence 	VG94
7.7	Within which education programme did you complete 2nd year upper secondary school?		
	<i>This element will only be displayed if the option “2nd year upper secondary (vocational)” was selected in question 7, “Which education levels have you completed, as in passed with at least 2 as a grade in all subjects?”.</i>	<ul style="list-style-type: none"> 1 - Building and construction 2 - Electrical engineering and computer technology 3 - Hairdressing, floral, interior, and retail design 4 - Crafts, design, and product development 5 - Healthcare, childhood and youth development 6 - Information technology and media production 7 - Agriculture, fishing and forestry (with the option to complete supplementary programme for general university admissions certification) 8 - Restaurant and food processing 9 - Sales, service and tourism 10 - Technology and industrial production 11 - Other 	VG95

3. Aspirations

Q	Response options	Variable name
8	Which levels of education do you expect to complete?	
	Lower secondary education or no planned education	VG97
	Basic upper secondary competence (vocational training candidate)	VG98
	Trade or journeyman's certificate (vocational)	VG99
	Higher Education Entrance Qualification (general studies or supplementary programme)	VG100
	Vocational college degree / Master certificate	VG101
	University college/university degree 4 years or less (e.g. Bachelor's degree)	VG102
	University college/university degree more than 4 years (e.g. Master's degree)	VG103
	Other	VG104
	I don't know	VG105
9	Which occupation do you wish to have when you are 40 years old?	
	Text response	VG106
10	Which occupation do you think it is most likely that you have when you are 40 years old?	
	1 - Same as desired 2 - Other	VG107
10.1	If you chose "Other", please specify:	
	<i>This element will only be displayed if option 2, "Other", is selected in question 10, "Which occupation do you think it is most likely that you have when you are 40 years old?".</i> Text response	VG108

3. Name of original scale:

2. **Description of original instrument:** Question 13 is taken from the 2018 PISA student questionnaire (OECD, 2017). Questions 14 and 15 are from the Young in Norway survey (Strand & von Soest, 2021). It was first used by Storvoll & Wichstrøm (2002). Question 15 also resembles a question in the 2018 PISA student questionnaire, «What kind of job do you expect to have when you are about 30 years old?».
3. **Rationale for choosing the questions:** Young people's aspirations shape their education and career choices and fertility intentions, and are therefore of interest to the researchers.
4. **Revision during the data collection period:**
No revisions have been made.

References:

- OECD (2017). "Student questionnaire for PISA 2018. Main Survey version". Paris: Organisation for Economic Co-operation and Development. URL: https://www.oecd.org/pisa/data/2018database/CY7_201710_QST_MS_STQ_NoNotes_final.pdf [accessed 17.07.2023].
- Storvoll, E. E., & Wichstrøm, L. (2002). "Do the risk factors associated with conduct problems in adolescents vary according to gender?" *Journal of Adolescence*, 25(2), 183-202. URL: <https://doi.org/10.1006/jado.2002.0460>
- Strand, N. P. & von Soest, T. (2021). "Young in Norway – Longitudinal: Documentation of Design, Variables, and Scales." Oslo: NOVA Norwegian Social Research.

4. Career choice

Q		Response options	Variable name
11	We are interested in what is important for your career choice. How important are these conditions to your choice?		
11.1	Good pay	1 - Not at all important 2 - Somewhat important 3 - Quite important 4 - Very important 5 - I don't know	VG109
11.2	Possibility to take time off when I want		VG110
11.3	A secure job with little chance of being laid off		VG111
11.4	Good chances for career development		VG112
11.5	Chances to be helpful to others or useful to society		VG113
11.6	Chances to work with people		VG114
11.7	Chances to make my own decisions at work		VG115
11.8	A profession with a lot of responsibility		VG116
11.9	A profession where I get to use my abilities		VG117
11.10	A profession that is highly respected by others		VG118
11.11	Chances to learn a lot of new things at work		VG119
11.12	A job that can be combined with a good family life		VG120

1. **Name of original scale:**

2. **Description of original instrument:** This instrument is a modified version of a repeated module in the Youth Development Study, originally asked in the child survey of the study's 2nd wave in 1989 and repeated several times until the 3rd wave of the 2nd generation child survey in 2011 (Mortimer, 2011a, b). The original question was "When you finish school, how important would each of the following be when you are looking for a full-time job?". We changed the wording to focus on career choice. Statement 2 was changed from "time off when I need it". In statement 3, "steady job" was changed to "secure job", and otherwise it was kept equal. Statement 3 was changed from "Good chances of getting ahead". Statements 5-7 and 11 were changed from singular to plural. Statement 6 was changed from "A chance to work with people rather than things." One item, "a job that is easy", was dropped. "A job..." was changed to "A profession..." in statements 8-10. Statement 12 was added. It measures similar values as two statements that were added to later versions of the original instrument, "a supervisor (co-workers) who is (are) supportive of my personal life or family responsibilities."

3. **Rationale for choosing the questions:** The purpose of the instrument is to compare the importance of several factors that are important for career choices in early adulthood. In particular, the researchers are interested in the extent to which young people take prospective family life into consideration when choosing careers.

4. **Revision during the data collection period:**

No revisions have been made.

References:

Mortimer, J. T. (2011a). "Youth Development Study, 1988-2011 [St. Paul, Minnesota]. Data Collection Instrument for Part 4, G2, Wave 2 (1989)". ICPSR 24881. Ann Arbor: Inter-university Consortium for Political and Social Research. URL: <https://www.icpsr.umich.edu/web/ICPSR/studies/24881> [accessed 17.07.2023].

Mortimer, J. T. (2011b). "Youth Development Study, 1988-2011 [St. Paul, Minnesota]. ICPSR Codebook for Part 39, G3, Wave 3 (2011): Main File". ICPSR 24881. Ann Arbor: Inter-university Consortium for Political and Social Research. URL: <https://www.icpsr.umich.edu/web/ICPSR/studies/24881> [accessed 17.07.2023].

5. Global uncertainty

Q		Response options	Variable name
12	When you think about the future, how much does the following worry you?		
12.1	Terrorism/terrorist attacks	1 - Very worrying 2 - Somewhat worrying 3 - Not particularly worrying 4 - Not at all worrying 5 - I don't know	VG121
12.2	Climate change		VG122
12.3	Overpopulation		VG123
12.4	Economic crises		VG124
12.5	Increased number of refugees		VG125
12.6	High unemployment		VG126
12.7	Organized crime		VG127
12.8	Military conflicts		VG128
12.9	Global epidemics		VG129
12.10	Weakened democracy		VG130
12.11	Increased social differences		VG131
12.12	Political extremism		VG132
12.13	Prospects of future generations		VG133

1. Name of original scale:

2. Description of original instrument: This instrument of global uncertainty was developed by Andersson et al. (2020) for the second wave of the Generations & Gender Survey (GGS). We have used the translation which was used for the Norwegian round II of the GGS (Dommermuth & Lappegård, 2020).

3. Rationale for choosing the questions: The module was developed to understand how global uncertainties affect fertility decisions and behaviour, which is also the core interest of the researchers.

4. Revision during the data collection period:

No revisions have been made.

References:

- Andersson, G., Dahlberg, J., & Neyer, G. (2020). "New sub-module on Uncertainties and resilience in the Swedish GGS2020". Technical working paper. The Hague: Netherlands Interdisciplinary Demographic Institute.
- Dommermuth, L. & Lappegård, T. (2021). "The Norwegian Generations and Gender Survey, Round 2 - Wave 1 (2020). Documentation of the data collection process." Technical working paper. The Hague: Netherlands Interdisciplinary Demographic Institute.

6. Physical measures

Q		Response options	Variable name
13	How tall are you?		
	In cm	Whole number	VG134
14	What is your weight?		
	In kg	Whole number	VG135

1. **Name of original scale:** MoBa specific single questions
2. **Description of original instrument:**
3. **Rationale for choosing the questions:**
4. **Revision during the data collection period:**
No revisions have been made.