

Questions documentation

Ung Helse/Global Questionnaire

The Norwegian Mother and Child Cohort Study (MoBa)

MoBa 2. generation who are above 18 years of age and older when the survey is sent out

Version	Date	Performed by	Description
1.0	27.08.24	Siri Håberg (FHI) Katrine Kranstad (FHI)	Original version

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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 1:

This instrument documentation was written based on version A of the questionnaire per 28th August 2024.

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

Education and income

Q		Response options	Variable name
1	What do you usually do?	Student/school student	UH11
		Full-time employee	UH12
		Part-time employee	UH13
		Self-employed	UH14
		Job seeker/unemployed	UH15
		Long-term sick leave, disabled, early retirement	UH16
		Military service	UH17
		Gap year	UH18
		Parental leave	UH19
		Stay-at-home	UH20
		Other	UH21
		2	What is your current highest completed (passed) level of education?
Vg1/basic competency (vocational)	UH23		
Vg1 (college preparatory)	UH24		
Vg2 (vocational)	UH25		
Vg2 (college preparatory)	UH26		
Trade certificate/journeyman's certificate (vocational)	UH27		
Vg3 (college preparatory)	UH28		
Supplemental program for general university admissions certification	UH29		
Vocational school degree/master craftsman's certificate	UH30		
University/college up to 4 years (Bachelor's degree)	UH31		
University/college over 4 years (Master's degree)	UH32		
PhD/Doctorate	UH33		
Other	UH34		
Don't know	UH35		
3	What is the highest level of education you expect to complete?		
		Vg1/basic competency (vocational)	UH37
		Vg1 (college preparatory)	UH38
		Vg2 (vocational)	UH39
		Vg2 (college preparatory)	UH40
		Trade certificate/journeyman's certificate (vocational)	UH41
		Vg3 (college preparatory)	UH42
		Supplemental program for general university admissions certification	UH43
		Vocational school degree/master craftsman's certificate	UH44
		University/college up to 4 years (Bachelor's degree)	UH45
		University/college over 4 years (Master's degree)	UH46
		PhD/Doctorate	UH47
		Other	UH48
		Don't know	UH49

4	<p>What was your last annual income before tax last year? (including study grants, pension payments, part-time jobs, capital income, and transfers)</p>	<ol style="list-style-type: none"> 1. Less than 24.999 kr. 2. 25.000 - 49.999 kr. 3. 50.000 - 74.999 kr. 4. 75.000 - 99.999 kr. 5. 100.000 - 149.999 kr. 6. 150.000 - 199.999 kr. 7. 200.000 - 249.999 kr. 8. 250.000 - 299.999 kr. 9. 300.000 - 349.999 kr. 10. 350.000 - 399.999 kr. 11. 400.000 - 449.999 kr. 12. 450.000 - 499.999 kr. 13. 500.000 – 599.999 kr. 14. 600.000 – 699.999 kr. 15. 700.000 kr or more 16. Don't know 	UH50
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2. Description of original instrument:

- Q1: Inspired by questions from BSIG-18 and BSIG-25. Parental leave, gap years, and staying at home are added.
- Q2-3: The categories are formed based on the Danish Statistics educational qualifications using the International Standard Classification of Education (ISCED2011).
- Q4: The question is inspired by MoBa but adapted to a Danish context.

3. Rationale for choosing the questions:

Capture the current situation of the respondents and to collect data on their level of ambition when it comes to completion of higher education.

4. Revision during the data collection period:

No revisions have been made.

Height and weight

Q		Response options	Variable name
5	How tall are you (provide the answer in centimeters)?	Manually plotted – height in centimeters	UH51
6	How much do you weigh (provide the answer in kilograms)?	Manually plotted – weight in kilograms	UH52

2. Description of original instrument:

Q5-6: Questions from MoBa Child 14

3. Rationale for choosing the questions:

To ensure consistency across the MoBa questionnaires. These questions were designed to enable calculation of BMI.

4. Revision during the data collection period:

No revisions have been made.

Values and attitudes

Q		Response options	Variable name
	Below we have listed five life goals/topics. How important are each of these to you now? The more important the life goal/topic is to you, the more points you should assign it. If the life goal/topic is not important to you at all at the moment, you assign 1 point		
7	Realizing my educational or career ambitions	1. Not important 2. 3. 10. Important	UH53
8	Cultivating my hobbies and other personal interests		UH54
9	Having children		UH55
10	Maintaining contact with friends		UH56
11	Living with a partner		UH57
12	Are you generally a risk-seeking person or do you try to avoid risky situations? Choose a number between 0 (avoid risk) and 10 (willing to take risks)	1. Avoid risk 2. 3. 10. Willing to take risk	UH58
13.1	How often do you have trouble falling asleep in the evening?	1. Never/seldom 2. Sometimes 3. 1-2 times a week 4. At least 3 times a week	UH59
13.2	How often do you wake up several times during the night?		UH60
13.3	How often do you feel tired or sleepy during the day?		UH61
14	How many hours of sleep do you typically get on a weekday? (May differ from the number of hours you spend in bed)	1. Less than 4 hours 2. 5 hours 3. 6 hours 4. 7 hours 5. 8 hours 6. 9 hours 7. 10 hours 8. 11 hours 9. 12 hours 10. 12 hours or more 11. Don't know	UH62

2. Description of original instrument:

- Q7-11: Question originally used in the German Pairfam Panel Survey. The question has been modified to fit a Danish context.
- Q12: German Socio-Economic Panel Study.
- Q13-14: Questions from "Bergen Insomnia Scale".

3. Rationale for choosing the questions:

- Q7-11: The questions aim give a multidimensional picture of the life goals of the respondents
- Q12: The question is a general measure of risk aversion
- Q13-14 to give a picture of sleep patterns and how it relates to overall health

- 4. Revision during the data collection period:**
No revisions have been made.

Nicotine use

Q		Response options	Variable name
15	Do you smoke cigarettes (do not include e-cigarettes)?	<ol style="list-style-type: none"> 1. No, I have never smoked 2. No, but I have smoked in the past 3. Yes, occasionally (less than 1 cigarette per day) 4. Yes, daily 	UH63
15.1	<p>How many cigarettes do you smoke on average per day?</p> <p><i>This element will only be displayed if option 4 "Yes, daily" was selected in question 15, "Do you smoke cigarettes (do not include e-cigarettes)?"</i></p>	Manually plotted – number of cigarettes	UH64
16	Do you vape/use e-cigarettes?	<ol style="list-style-type: none"> 1. No, I have never used it 2. No, but I have tried it a few times 3. No, but I have used it before 4. Yes, occasionally 5. Yes, daily 	UH65
17	Do you use snus/nicotine pouches?	<ol style="list-style-type: none"> 1. No, I have never used snus 2. No, but I have tried snus a few times 3. No, but I have used snus before 4. Yes, occasionally 5. Yes, daily 	UH66
17.1	<p>How many portions of snus do you typically use per day?</p> <p><i>This element will only be displayed if option 4 "Yes, daily" was selected in question 17, "Do you use snus/nicotine pouches?"</i></p>	Manually plotted – number of portions	UH67

2. Description of original instrument:

- Q15: Question inspired by "Danskernes Sundhed – Den Nationale Sundhedsprofil". The categories have been modified.
- Q16: Not a validated question.
- Q17: Not a validated question. Inspired by the smoking question from "Danskernes Sundhed – Den Nationale Sundhedsprofil".

3. Rationale for choosing the questions:

Questions were designed to assess the participants' current pattern of nicotine use.

4. Revision during the data collection period:

No revisions have been made.

Alcohol and caffeinated beverages

Q		Response options	Variable name
18	Do you drink alcohol?	<ol style="list-style-type: none"> 1. Yes 2. No 	UH68
18.1	How often do you drink alcohol? <i>This element will only be displayed if option 1 “Yes” was selected in question 18, “Do you drink alcohol?”</i>	<ol style="list-style-type: none"> 1. Less than once a month 2. 1-3 times a month 3. Once a month or more 	UH69
18.2	How many units of alcohol (beer, wine, or spirits) do you typically drink in a week? <i>(Fill in the number of units. One unit is approximately: 1 beer (33 cl), 1 glass of wine (12 cl), or 1 shot of spirits (4 cl))</i> <i>This element will only be displayed if option 1 “Yes” was selected in question 18, “Do you drink alcohol?”</i>	Manually plotted – number of units	UH70
18.3	How often do you consume more than four units on a single occasion? <i>This element will only be displayed if option 1 “Yes” was selected in question 18, “Do you drink alcohol?”</i>	<ol style="list-style-type: none"> 1. Never 2. Less than once a moth 3. 1-3 times a month 4. Once a week 5. Twice a week 6. 3-4 a week 7. 5-6 times a week 8. Every day 	UH71
19	Do you consume caffeinated beverages (coffee, tea, energy drinks, cola, etc.)?	<ol style="list-style-type: none"> 1. Never 2. 1-3 times a month 3. Once a week 4. Twice a week 5. 3-4 times a week 6. 5-6 times a week 7. Every day 	UH72
19.1	Number of cups of coffee per day <i>This element will only be displayed if option 7 “Every day” was selected in question 19, “Do you consume caffeinated beverages (coffee, tea, energy drinks, cola, etc.)?”</i>	<ol style="list-style-type: none"> 1. 0 2. 1 3. 2 4. 3 	UH73
19.2	Number of cups of tea per day Based on Q19: If “Every day or more often” was selected	<ol style="list-style-type: none"> 14. 13 15. 14 or more 	UH74

19.3	Number of colas (Coca Cola, Pepsi, etc.) 3 glasses constitute 0.5 liter <i>This element will only be displayed if option 7 "Every day" was selected in question 19, "Do you consume caffeinated beverages (coffee, tea, energy drinks, cola, etc.)?"</i>	1. 0 2. 1 3. 2 4. 3	UH75
19.4	Number of energy drinks (Red Bull, Monster, Burn, etc.) (33 cl.) per day <i>This element will only be displayed if option 7 "Every day" was selected in question 19, "Do you consume caffeinated beverages (coffee, tea, energy drinks, cola, etc.)?"</i> 14. 13 15. 14 or more	UH76

2. Description of original instrument:

- Q18: Not a validated question.
- Q18.1: Inspired by "Danskernes Sundhed – Den Nationale Sundhedsprofil".
- Q18.2: Question used in BSIG-18 and BSIG-25. Changed from 5 to 4 units due to changes in the definition from Sundhedsstyrelsen.
- Q19: Not a validated question.

3. Rationale for choosing the questions:

Questions were designed to assess the participants' current intake of caffeinated beverages and alcohol consumption.

4. Revision during the data collection period:

No revisions have been made.

Physical activity

Q		Response options	Variable name
20	<p>How many hours per week do you engage in vigorous physical activity where you become warm and breathless?</p> <p><i>(activities that involve high heart rate, rapid breathing, and sweating)</i></p>	<ol style="list-style-type: none"> 1. Less than 1 hour per week 2. 1-2 hours per week 3. 3-4 hours per week 4. 5-7 hours per week 5. 8-10 hours per week 6. 11 hours or more per week 	UH77

2. Description of original instrument:

- Q20: Question modified from the questionnaire "Healthy Body Image Intervention" from the Norwegian School of Sport Sciences.

3. Rationale for choosing the questions:

Questions were designed to assess the average level of physical activity among participants, focusing specifically on activities of moderate to high intensity.

4. Revision during the data collection period:

No revisions have been made.

Overall health

Q		Response options	Variable name
21	Has a doctor ever told you that you have one or more of the following diseases or conditions?		
21.1	Diabetes 1	<ol style="list-style-type: none"> 1. Yes, I have had it 2. Yes, I have it 3. No 4. Don't know 	UH78
21.2	Diabetes 2		UH79
21.3	Anxiety		UH80
21.4	Depression		UH81
21.5	Asthma		UH82
21.6	Cancer (with chemotherapy as treatment)		UH83
21.7	Cancer (without chemotherapy as treatment)		UH84
21.8	Recurrent urinary tract infection (>2 infections in 6 months or >3 infections in 1 year)		UH85
21.9	Long-term symptoms of Covid-19		UH86
22	How often in the last 4 weeks have you taken any of these medications?		
22.1	Over-the-counter medicine containing Paracetamol (Paracet, Pinex, or similar)	<ol style="list-style-type: none"> 1. Not taken the past 4 weeks 2. Less than once a week 3. Weekly, but not daily 4. Daily 	UH87
22.2	Over-the-counter medicine containing NSAID (Ibuprofen, Ibux, or similar)		UH88
22.3	Other prescription medicine		UH89
23	How would you describe your overall health?	<ol style="list-style-type: none"> 1. Excellent 2. Very good 3. Good 4. Fair 5. Poor 	UH90
24	How often in the past 2 weeks have you felt like this?		
24.1	Felt nervous, anxious, or on edge	<ol style="list-style-type: none"> 1. Not at all 2. 1 day 3. Several days 4. More than half of the days 5. Almost every day 	UH91
24.2	Not being able to stop or control worrying		UH92
24.3	Little interest or pleasure in doing things		UH93
24.4	Felt down, depressed, or hopeless		UH94
25	How often in the past 2 weeks have you felt like this?		
25.1	How often do you feel isolated from others?	<ol style="list-style-type: none"> 1. Never 2. Rarely 3. Sometimes 4. Often 	UH95
25.2	How often do you feel like you're missing someone to be with?		UH96
25.3	How often do you feel left out?		UH97
26	How satisfied are you with your life overall?	<ol style="list-style-type: none"> 1. Not satisfied at all 2. Quite dissatisfied 3. Slightly dissatisfied 4. Neither satisfied nor dissatisfied 5. Somewhat satisfied 6. Quite satisfied 7. Very satisfied 	UH98

27	Imagine that this ladder represents the structure of the Norwegian society today. At the top (level 10) are the people who has the highest status in the society. At the bottom (1 on the scale) are those who has the lowest status. When you think about yourself now, where would you place yourself on this ladder? Choose a number from the ladder to indicate where you are now compared to other people in Norway	1 - 1 2 - 2 3 - 3 ... 10-10	UH99
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2. Description of original instrument:

- Q21: The wording of the question is inspired by "The Bodily Distress Syndrome 25 from DANFUND". The categories have been changed from yes/no. The PI group determined which diseases to include.
- Q22: The question and response options are from the MoBa 18-year questionnaire and modified with questions from the "Fetal Programming of Semen Quality" Cohort. Items were decided by the PI group.
- Q23: Question from Self-rated Health: SF 12. Used in BSIG-18 and BSIG-25.
- Q24: Question from Patient Health Questionnaire PHQ-4.
- Q25: Question from Three Item Loneliness Scale. Hysing, M., Petrie, K. J., Bøe, T., Lønning, K. J., & Sivertsen, B. (2020). Only the lonely: a study of loneliness among university students in Norway
- Q26: Question from the "Understanding Society Survey".
- Q27: Question from the "MacArthur Scale of Subjective Social Status".

3. Rationale for choosing the questions:

These questions were designed to assess:

- The participants' previous and current health conditions as diagnosed by a physician, covering both somatic and mental health conditions.
- The participants' use of both non-prescription and prescribed medications
- The participants' perception of their own overall health, not distinguishing between somatic and mental health.
- The participants' depressive and anxious symptomatology
- The participant's feeling of loneliness, covering both relational, social, and intimate loneliness.
- The participants' overall life satisfaction
- The participant's perception of own social status

4. Revision during the data collection period:

No revisions have been made.

Drugs

Q	Response options	Variable name
28	Anabolic steroids	UH100
	Cannabis, marijuana or pot	UH101
	Amphetamine	UH102
	Ecstasy/MDA/MDMA	UH103
	Fantasy/GHB	UH104
	Sedatives or sleeping pills	UH105
	Cocaine	UH106
	Ketamine	UH107
	LSD	UH108
	Opiates (heroin, morphine, methadone)	UH109
	Psychedelic mushrooms	UH110
	Sniffing solvents or lighter gas	UH111
	Inhaling nitrous oxide (laughing gas)	UH112
	Other	UH113
No, I have not taken any of them	UH114	
How often do you use the following substances on average?		
28.1	Anabolic steroids <i>This element will only be displayed if "Anabolic steroids" was selected in question 28, "Have you used any of the following substances in the past 3 months?"</i>	UH115
28.2	Cannabis, marijuana or pot <i>This element will only be displayed if "Cannabis, marijuana or pot" was selected in question 28, "Have you used any of the following substances in the past 3 months?"</i>	UH116
28.3	Amphetamine <i>This element will only be displayed if "Amphetamine" was selected in question 28, "Have you used any of the following substances in the past 3 months?"</i>	UH117
28.4	Ecstasy/MDA/MDMA <i>This element will only be displayed if "Ecstasy/MDA/MDMA" was selected in question 28, "Have you used any of the following substances in the past 3 months?"</i>	UH118

28.5	Fantasy/GHB <i>This element will only be displayed if “Fantasy/GHB” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH119
28.6	Sedatives or sleeping pills <i>This element will only be displayed if “Fantasy/GHB” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH120
28.7	Cocaine <i>This element will only be displayed if “Sedatives or sleeping pills” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH121
28.8	Ketamine <i>This element will only be displayed if “Ketamine” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH122
28.9	LSD <i>This element will only be displayed if “LSD” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>	<ol style="list-style-type: none"> 1. Do not use 2. Once a month or less 3. 2-4 times a month 4. 2-3 times a week 5. 4 times a week or more 6. Don't know 	UH123
28.10	Opiates (heroin, morphine, methadone) <i>This element will only be displayed if “Opiates (heroin, morphine, methadone)” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH124
28.11	Psychedelic mushrooms <i>This element will only be displayed if “Psychedelic mushrooms” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH125
28.12	Sniffing solvents or lighter gas <i>This element will only be displayed if “Sniffing solvents or lighter gas” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>		UH126

28.13	Inhaling nitrous oxide (laughing gas) <i>This element will only be displayed if “Inhaling nitrous oxide (laughing gas)” was selected in question 28, “Have you used any of the following substances in the past 3 months?”</i>	1. Do not use 2. Once a month or less 3. 2-4 times a month 4. 2-3 times a week 5. 4 times a week or more 6. Don’t know	UH127
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2. Description of original instrument:

- Q28: Modified from questions in the "Fetal Programming of Semen Quality" Cohort. Ketamine added.

3. Rationale for choosing the questions:

Questions were designed to assess the participants' current pattern of illegal substance use.

4. Revision during the data collection period:

No revisions have been made.

Relationships

Q		Response options	Variable name
29	Does the following statement apply to you? "There are many people who would find me attractive as a partner.	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 	UH128
30	Do you have a boyfriend/girlfriend or partner/spouse?	<ol style="list-style-type: none"> 1. Yes, we are married and live together 2. Yes, we are married but do not live together 3. Yes, I have a romantic partner (boyfriend/girlfriend) and we live together 4. Yes, I have a romantic partner (boyfriend/girlfriend) and we do not live together 5. No 6. Don't know 	UH129
30.1	<p>How long have you been in your current relationship with your boyfriend/girlfriend or partner/spouse?</p> <p><i>This element will only be displayed if option 1-4 "Yes, (...)" was selected in question 30, "Do you have a boyfriend/girlfriend or partner/spouse?"</i></p>	<ol style="list-style-type: none"> 1. 0 2. 1 3. 2 4. 3 13. 12 14. More than 12 years 	UH130
30.1.1	<p>And how many months?</p> <p><i>This element will only be displayed if option 0-12 were selected in question 30.1, "How long have you been in your current relationship with your boyfriend/girlfriend or partner/spouse?"</i></p>	<ol style="list-style-type: none"> 1. 0 2. 1 3. 2 13. 12 14. Don't remember 	UH131
30.2	<p>How satisfied are you with your relationship with your partner? On a scale from 0 to 10, where 0 means 'not satisfied at all' and 10 means 'very satisfied'.</p> <p><i>This element will only be displayed if option 1-4 "Yes, (...)" was selected in question 30, "Do you have a boyfriend/girlfriend or partner/spouse?"</i></p>	<ol style="list-style-type: none"> 1 - Not satisfied 2 3 4 .. 10 - Very satisfied 	UH132

2. Description of original instrument:

- Q29: Question modified and originally used in the German Pairfam Panel Survey.
- Q30-30.1: Not validated questions.
- Q30.2: The question is based on Gender and Generations Surveys (Gauthier et al. 2021) and the German panel survey PAIRFAM (Huinik et al. 2011).

3. Rationale for choosing the questions:

- Q29: Measure own perception of attractiveness
- Q30: Measure relationship status
- Q30.1: Measure duration of relationship
- Q30.2: Measure relationship satisfaction

4. Revision during the data collection period:

No revisions have been made.

Children

31		Response options	Variable name
31	Do you think you want to have your own biological children/more biological children?	<ol style="list-style-type: none"> 1. Yes, within the next 1-2 years 2. Yes, within the next 3-4 years/further into the future 3. No, I have the children I want 4. No, I wish only to adopt 5. No, I do not want to have children 6. Don't know 	UH133
31.1	How many biological children do you want? <i>This element will only be displayed if option 1-2 "Yes, (...)" was selected in question 31, "Do you think you want to have children/more children?"</i>	<ol style="list-style-type: none"> 1. 1 2. 2 3. 3 4. 4 5. 5 6. 6 or more 7. Don't know 8. Do not wish to answer 	UH134
31.2	How do you envision achieving pregnancy? <i>This element will only be displayed if option 1-2 "Yes, (...)" was selected in question 31, "Do you think you want to have children/more children?"</i>	<ol style="list-style-type: none"> 1. Through intercourse 2. Through fertility treatment 3. Other 4. Don't know 5. Not relevant 	UH135
31.3	At what age do you want to have your first/next biological child? Please provide the age in years. <i>This element will only be displayed if option 1-2 "Yes, (...)" was selected in question 31, "Do you think you want to have children/more children?"</i>	Manually plotted – age	UH136
		<ol style="list-style-type: none"> 1. Don't know 	UH137
31.4	At what age do you want to have your last biological child? Please provide the age in years. <i>This element will only be displayed if option 1-2 "Yes, (...)" was selected in question 31, "Do you think you want to have children/more children?"</i>	Manually plotted – age	UH138
		<ol style="list-style-type: none"> 1. Don't know 	UH139

31.5	Have you and your partner started trying to conceive? <i>This element will only be displayed if option 1-2 “Yes, (...)” was selected in question 31, “Do you think you want to have children/more children?”</i>	1. Yes 2. No 3. Don’t know 4. Not relevant	UH140
31.5.1	How long have you and your partner been trying to conceive? <i>This element will only be displayed if option 1 “Yes” was selected in question 31.5, “Have you and your partner started trying to conceive?”</i>	Manually plotted – number of months	UH141
		1. Don’t know	UH142
32	We will now list some factors that may affect the desire to have children. How important are these factors to your own decision about when and if you want to have children?		
32.1	That I have a partner who wants children	1. Not important at all 2. Not very important 3. Slightly important 4. Important 5. Very important	UH143
32.2	That I have completed my education		UH144
32.3	That I have a stable job		UH145
32.4	That I/we have a home that is large enough		UH146
32.5	That my friends have had children or are expecting children		UH147
32.6	That I start having children early enough so I don't end up having fewer children than I want		UH148
33	We will now hear your thoughts on how you believe your life will be/has been affected by having children - even if you may not have plans to have them in the long term or at all. Rate how much you agree with the following statement:		
33.1	Support from children is valuable as one grows older	1. Strongly disagree 2. Somewhat disagree 3. Neither agree nor disagree 4. Somewhat agree 5. Strongly agree	UH149
33.2	Having children makes life more meaningful		UH150
33.3	Having children strengthens the relationship with my partner		UH151
33.4	Having children will have a negative impact on my career		UH152
34	Have climate change made you consider not having children?	1. To a large extent 2. To some extent 3. To neither a high nor low extent 4. To a low extent 5. Not at all 6. Don't know	UH153

2. Description of original instrument:

- Q31: Question modified and originally used in the German Pairfam Panel Survey.
- Q31.1: Not validated question.
- Q31.2: Question modified from "The Swedish Fertility Awareness Questionnaire". The word "biological" has been added.
- Q31.3: Question from "The Swedish Fertility Awareness Questionnaire".
- Q31.4: Question from "The Swedish Fertility Awareness Questionnaire".
- Q31.5: Not validated question.
- Q31.5.1: Not validated question. Inspired by BSIG Interview 1.
- Q32: Question from "The Swedish Fertility Awareness Questionnaire". Shortened from 13 items in the original scale.
- Q33: The question is based on Gender and Generations Surveys (Gauthier et al. 2021) and the German panel survey PAIRFAM (Huinik et al. 2011). The questions are shortened.
- Q34: Adapted from the "Klimabekymring får hver fjerde unge kvinde til at overveje fravalg af børn" survey by KRAKA analyse.

3. Rationale for choosing the questions:

- Q31 and Q31.2: Measure fertility intentions, their time horizon, and intended number of children
- Q31.1: Measure intended mode of having a child
- Q31.3 and Q31.4: Measure ideal age at first and last birth
- Q31.5 and Q31.5.1: Measure whether the respondent is currently trying to conceive, and if so for how long
- Q33, Q35: Measure factors influencing fertility choice
- Q34: Measure the general value of children, as perceived by the respondent

4. Revision during the data collection period:

No revisions have been made.

Fecundity

Q		Response options	Variable name
35	Here are some statements about fertility (the ability to have biological children). Indicate whether you think the statements are true or false:		
35.1	It is more difficult for a woman to become pregnant after she has turned 36 years old	<ol style="list-style-type: none"> 1. True 2. False 3. Don't know 	UH154
35.2	A couple has reduced fertility if they have not conceived after 1 year of regular intercourse without contraception		UH155
35.3	Smoking reduces women's fertility		UH156
35.4	Smoking reduces men's fertility		UH157
35.5	Approximately 1 in 10 people have reduced fertility		UH158
35.6	If a man produces sperm, he is fertile		UH159
35.7	A woman in her 40s has the same likelihood of becoming pregnant as a woman in her 30s		UH160
35.8	A healthy lifestyle makes you more fertile		UH161
35.9	If a man contracts mumps after puberty, he has a greater risk of fertility problems later		UH162
35.10	A woman who never menstruates is still fertile		UH163
35.11	If a woman is overweight (by more than 13 kg), it is more difficult to become pregnant		UH164
35.12	If a man can get an erection, it means he is fertile		UH166
35.13	If one has had a sexually transmitted infection, they are at increased risk of reduced fertility		UH165
35.14	A man is less fertile after he turns 40 years old		UH167
36	If a woman aged 30-35 has regular unprotected intercourse, what is the likelihood of her becoming pregnant within one year? Please choose the option you think is the most correct	<ol style="list-style-type: none"> 1. 0-9 % 2. 10-19% 3. 20-29% 4. 30-39% 5. 40-49% 6. 50-69% 7. 70-89% 8. 90-100% 	UH168
37	If a woman aged 40-45 has regular unprotected intercourse, what is the likelihood of her becoming pregnant within one year?		UH169
	If a woman aged 40-45 undergoes two to three rounds of IVF treatment (in vitro fertilization), what is the likelihood of her becoming pregnant? <i>IVF treatment involves retrieving a woman's eggs from her body and fertilizing them with sperm in a laboratory dish. After successful fertilization, the embryo is transferred to the woman's uterus.</i>	<ol style="list-style-type: none"> 1. 0-9 % 2. 10-19 % 3. 20-29 % 4. 30-39 % 5. 40-49 % 6. 50 % or higher 	UH170
39	Have you heard of freezing women's eggs?	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 	UH171

40 The claims below are about the success rates in connection with freezing eggs. Rate the likelihood of the statements:			
40.1	Egg freezing before the age of 35 can significantly extend a woman's fertility.	1. Certainly not 2. Probably not 3. Don't know 4. Probably 5. Certainly	UH172
40.2	A woman in her 40s and 50s can safely and successfully achieve pregnancy by using the eggs that were frozen when she was fertile.		UH173
40.3	Most frozen eggs will survive the thawing process and be capable of fertilization.		UH174

2. Description of original instrument:

- Q35: Question from Cardiff Fertility Knowledge Scale.
- Q36-38: Questions from "The German Family Demography Panel Study (FreDa)" survey.
- Q39: Question adapted from the following study: <https://doi.org/10.1111/aogs.13024>.
- Q40: Inspired by questions from "Childless women's beliefs and knowledge about oocyte freezing for social and medical reasons" | Human Reproduction | Oxford Academic (oup.com). 3 questions selected from 12 items.

3. Rationale for choosing the questions:

- Q35-40: Measure the respondent's fecundity knowledge

4. Revision during the data collection period:

No revisions have been made.

Sex and gender

Q		Response options	Variable name
41	<p>What biological sex were you assigned at birth?</p> <p>This is a mandatory question, and the respondent will not be able to proceed unless they provide an answer.</p>	<ol style="list-style-type: none"> 1. Girl 2. Boy 3. Other 	UH175
42	<p>Which of these best describes your gender identity?</p>	<ol style="list-style-type: none"> 1. Female 2. Male 3. Trans woman 4. Trans man 5. Non-binary 6. Have no preferences 7. Other 8. Do not wish to answer 	UH176
43	<p>Have you ever had sex?</p>	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 	UH177
43.1	<p>How old were you the first time you had sex?</p> <p><i>This element will only be displayed if option 1 "Yes" was selected in question 43, "Have you ever had sex?"</i></p>	<p style="text-align: center;">Manually plotted: 0-30</p>	UH178
44	<p>How would you describe your sexual orientation?</p>	<ol style="list-style-type: none"> 1. Asexual 2. Bisexual 3. Heterosexual 4. Homosexual 5. Pansexual 6. Queer 7. Other 8. Don't know 9. Do not wish to answer 	UH179

2. Description of original instrument:

- Q41: Question originally from MoBa Child 14. Non-binary and Other have been added.
- Q42: Used in BSIG-18. Inspired by the Danish Longitudinal Survey of Children (SFI-cohort).
- Q43.1: Used in BSIG-18.
- Q44: Question used in MoBa Young Q2. Queer and Other have been added.

3. Rationale for choosing the questions:

Questions were designed to assess the participants' perception of gender identity and whether this coincides with the gender they were assigned at birth. Additionally, the questions cover the participants current sexual orientation and age at which they first engaged in sexual activities.

4. Revision during the data collection period:

No revisions have been made.

Pornography

Q		Response options	Variable name
45	How often do you watch pornography?	<ol style="list-style-type: none"> 1. Rarely/never 2. A few times a year 3. A few times a month 4. Weekly 5. Once a day 6. More than once a day 7. Don't know 8. Do not wish to answer 	UH180
45. 1	<p>Has your use of pornography ever affected your ability or desire to start a romantic relationship or led to the termination of a romantic relationship?</p> <p><i>This element will only be displayed if option 1 – 6, “A few times a year”, “A few times a month”, “Weekly”, “Once a day” or “More than once a day”, was selected in question 45, “How often do you watch pornography?”</i></p>	<ol style="list-style-type: none"> 1. Yes 2. Maybe 3. No 4. Don't know 5. Do not wish to answer 	UH181

2. Description of original instrument:

- Q45: Not validated question.

3. Rationale for choosing the questions:

The questions were designed to assess the participants' current patterns concerning pornography consumption as well as their subjective viewpoint on how this behavior impacts their romantic relationships.

4. Revision during the data collection period:

No revisions have been made.

Pregnancy

Q	Response options	Variable name
<p>46</p> <p>Have you ever been pregnant?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 4. Do not wish to answer 	UH182
<p>46.1</p> <p>How many times have you been pregnant?</p> <p><i>(Include all pregnancies, including those that ended in abortion.) Any current pregnancy is not counted.</i></p> <p><i>This element will only be displayed if option 1, "Yes", was selected in question 46, "Have you ever been pregnant?"</i></p>	<ol style="list-style-type: none"> 1. 1 2. 2 3. 3 10. 10 11. More than 10 	UH183
<p>46.1.1</p> <p>In what week did your first pregnancy end?</p> <p><i>This element will only be displayed if option 1 - 11, "1", "2", "3", "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i></p>	Manually plotted, min: 0, max: 46	UH184
<p>46.1.2</p> <p>How did your first pregnancy end?</p> <p><i>This element will only be displayed if option 1 - 11, "1", "2", "3", "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	UH185
<p>46.1.3</p> <p>What year was the child from the first pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.1.2, "How did your first pregnancy end?"</i></p>	Manually plotted – year (XXXX) min: 1990, max: 2025	UH186

46.2.1	<p>In what week did your second pregnancy end?</p> <p><i>This element will only be displayed if option 2 - 11, "2", "3", "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	Manually plotted, min: 0, max: 46	UH187
46.2.2	<p>How did your second pregnancy end?</p> <p><i>This element will only be displayed if option 2 - 11, "2", "3", "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	UH188
46.2.3	<p>What year was the child from the second pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.2.2, "How did your first pregnancy end?"</i></p>	Manually plotted – year (XXXX) min: 1990, max: 2025	UH189
46.3.1	<p>In what week did your third pregnancy end?</p> <p><i>This element will only be displayed if option 3 - 11, "3", "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	Manually plotted, min: 0, max: 46	UH190
46.3.2	<p>How did your third pregnancy end?</p> <p><i>This element will only be displayed if option 3 - 11, "3", "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	UH191
46.3.3	<p>What year was the child from the third pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.3.2, "How did your first pregnancy end?"</i></p>	Manually plotted – year (XXXX) min: 1990, max: 2025	UH192

46.4.1	<p>In what week did your fourth pregnancy end?</p> <p><i>This element will only be displayed if option 4 - 11, "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	Manually plotted, min: 0, max: 46	UH193
46.4.2	<p>How did your fourth pregnancy end?</p> <p><i>This element will only be displayed if option 4 - 11, "4", "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	UH194
46.4.3	<p>What year was the child from the fourth pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.4.2, "How did your first pregnancy end?"</i></p>	Manually plotted – year (XXXX) min: 1990, max: 2025	UH195
46.5.1	<p>In what week did your fifth pregnancy end?</p> <p><i>This element will only be displayed if option 5 - 11, "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	Manually plotted, min: 0, max: 46	UH196
46.5.2	<p>How did your fifth pregnancy end?</p> <p><i>This element will only be displayed if option 5 - 11, "5", "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	UH197
46.5.3	<p>What year was the child from the fifth pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.5.2, "How did your first pregnancy end?"</i></p>	Manually plotted – year (XXXX) min: 1990, max: 2025	UH198

<p>46.6.1</p>	<p>In what week did your sixth pregnancy end?</p> <p><i>This element will only be displayed if option 6 - 11, "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<p>Manually plotted, min: 0, max: 46</p>	<p>UH199</p>
<p>46.6.2</p>	<p>How did your sixth pregnancy end?</p> <p><i>This element will only be displayed if option 6 - 11, "6", "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	<p>UH200</p>
<p>46.6.3</p>	<p>What year was the child from the sixth pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.6.2, "How did your first pregnancy end?"</i></p>	<p>Manually plotted – year (XXXX) min: 1990, max: 2025</p>	<p>UH201</p>
<p>46.7.1</p>	<p>In what week did your seventh pregnancy end?</p> <p><i>This element will only be displayed if option 7 - 11, "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<p>Manually plotted , min: 0, max: 46</p>	<p>UH202</p>
<p>46.7.2</p>	<p>How did your seventh pregnancy end?</p> <p><i>This element will only be displayed if option 7 - 11, "7", "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant? "</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	<p>UH203</p>
<p>46.7.3</p>	<p>What year was the child from the seventh pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.7.2, "How did your first pregnancy end?"</i></p>	<p>Manually plotted – year (XXXX) min: 1990, max: 2025</p>	<p>UH204</p>

<p>46.8.1</p>	<p>In what week did your eight pregnancy end?</p> <p><i>This element will only be displayed if option 8 - 11, "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i></p>	<p>Manually plotted , min: 0, max: 46</p>	<p>UH205</p>
<p>46.8.2</p>	<p>How did your eight pregnancy end?</p> <p><i>This element will only be displayed if option 8 - 11, "8", "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	<p>UH206</p>
<p>46.8.3</p>	<p>What year was the child from the eight pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.8.2, "How did your first pregnancy end?"</i></p>	<p>Manually plotted – year (XXXX) min: 1990, max: 2025</p>	<p>UH207</p>
<p>46.9.1</p>	<p>In what week did your ninth pregnancy end?</p> <p><i>This element will only be displayed if option 9 - 11, "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i></p>	<p>Manually plotted, min: 0, max: 46</p>	<p>UH208</p>
<p>46.9.2</p>	<p>How did your ninth pregnancy end?</p> <p><i>This element will only be displayed if option 9 - 11, "9", "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i></p>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	<p>UH209</p>
<p>46.9.3</p>	<p>What year was the child from the ninth pregnancy born?</p> <p><i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.9.2, "How did your first pregnancy end?"</i></p>	<p>Manually plotted – year (XXXX) min: 1990, max: 2025</p>	<p>UH210</p>

46.10.1	In what week did your tenth pregnancy end? <i>This element will only be displayed if option 10 - 11, "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i>	Manually plotted, min: 0, max: 46	UH211
46.10.2	How did your tenth pregnancy end? <i>This element will only be displayed if option 10 - 11, "10" or "More than 10" was selected in question 46.1, "How many times have you been pregnant?"</i>	<ol style="list-style-type: none"> 1. Live-born child 2. Spontaneous abortion 3. Induced abortion 4. Pregnancy outside the uterus 5. Stillborn child 6. Don't know / don't want to answer 	UH212
46.10.3	What year was the child from the tenth pregnancy born? <i>This element will only be displayed if option 1, "Live-born child" was selected in question 46.10.2, "How did your first pregnancy end?"</i>	Manually plotted – year (XXXX) min: 1990, max: 2025	UH213
47	How often have you taken emergency contraception in the last 12 months? <i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i>	<ol style="list-style-type: none"> 1. I have not taken emergency contraception in the last 12 months 2. 1-2 times 3. 3-4 times 4. More than 4 times 	UH214
48	How much do you agree with the following statements:		
48.1	I am afraid of giving birth <i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i>	<ol style="list-style-type: none"> 1. Completely agree 2. Agree 3. Somewhat agree 4. Somewhat disagree 5. Disagree 6. Completely disagree 7. Don't know 	UH215
48.2	I am afraid of complications during labor and delivery <i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i>		UH216
49	Have you ever impregnated a woman? <i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i>	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 4. Do not wish to answer 	UH217

49.1	<p>How many times have you impregnated a woman?</p> <p><i>(Include all pregnancies and possible abortions). Any current pregnancy is not counted.</i></p> <p><i>This element will only be displayed if option 1, "Yes", was selected in question 49, "Have you ever impregnated a woman?"</i></p>	<p>1 - 1 2 - 2 3 - 3 .. 10 - 10 11 - Over 10</p>	UH218
50	<p>Are you currently pregnant?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<p>1. Yes 2. No 3. Don't know 4. Do not wish to answer</p>	UH219
51	<p>Is your partner currently pregnant?</p>	<p>1. Yes 2. No 3. Don't know 4. Do not wish to answer 5. Not relevant</p>	UH220

2. Description of original instrument:

- Q46: Question used in RUBIC questionnaire and identical to those asked in Moba Q1, maternal questionnaire
- Q46.1: Used in BSIG-25.
- Q47: Not validated question.
- Q48: Question from "Childbirth Fear – Prior to Pregnancy (CFPP) scale. Shortened from 10 items in the original scale.
- Q49: Question inspired by RUBIC questionnaire
- Q50-51: Not validated question.

3. Rationale for choosing the questions:

Questions were developed to:

- Assess the participants' previous pregnancies, outcome of- and potential problems related to previous pregnancies.
- Assess the prevalence of emergency contraception usage among young women.
- Assess the prevalence of childbirth fear among a young women.
- Asses participants' fertility

4. Revision during the data collection period:

No revisions have been made.

Contraception

Q		Response options	Variable name
52	Have you and/or a potential partner used contraception in the past year?	1. Yes 2. No 3. Don't know	UH221
52.1	What type of contraception do you and a potential partner use? <i>This element will only be displayed if option 1, "Yes", was selected in question 52, "Have you and/or a potential partner used contraception in the past year?"</i>	Mini-pill Birth control pills Hormonal IUD Copper IUD Implant Depo-Provera injection Patch Vaginal ring Diaphragm Condom Female condom Dental dam "Natural family planning" method Withdrawal method Other type of contraception I am sterilized My partner is sterilized Don't know	UH222 UH223 UH224 UH225 UH226 UH227 UH228 UH229 UH230 UH231 UH232 UH233 UH234 UH235 UH236 UH237 UH238 UH239
52.2	What is the main reason you/both of you use contraception? <i>This element will only be displayed if option 1, "Yes", was selected in question 52, "Have you and/or a potential partner used contraception in the past year?"</i>	To avoid pregnancy To avoid sexual transmitted infections To control the intervals between menstruations To reduce menstrual pain To control acne To have more regular menstruations To avoid heavy menstrual bleeding In the treatment of conditions such as PCOS or endometriosis Other Don't know	UH240 UH241 UH242 UH243 UH244 UH245 UH246 UH247 UH248 UH249
How long [years,] have you and a potential partner been using the type of contraception? Based on Q52: If "Yes" was selected			
52.3	Mini-pill <i>This element will only be displayed if "Mini-pill" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>	1. 0 2. 1 3. 2 12. 11 13. Do not know/Do not remember	UH250

<p>Birth control pills</p> <p><i>This element will only be displayed if “Birth control pills” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>		UH252
<p>Hormonal IUD</p> <p><i>This element will only be displayed if “Hormonal IUD” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>		UH254
<p>Copper IUD</p> <p><i>This element will only be displayed if “Copper IUD” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>		UH256
<p>Implant</p> <p><i>This element will only be displayed if “Implant” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>	<ol style="list-style-type: none"> 1. 0 2. 1 3. 2 4. 3 12. 11 13. Do not know/Do not remember 	UH258
<p>Depo-Provera injection</p> <p><i>This element will only be displayed if “Depo-Provera injection” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>		UH260
<p>Patch</p> <p><i>This element will only be displayed if “Patch” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>		UH262
<p>Vaginal ring</p> <p><i>This element will only be displayed if “Vaginal ring” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i></p>		UH264

Diaphragm	<p>1. 0</p> <p>2. 1</p> <p>3. 2</p> <p>4. 3</p> <p>.....</p> <p>12. 11</p> <p>13. Do not know/Do not remember</p>	UH266
<i>This element will only be displayed if "Diaphragm" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		
Condom		UH268
<i>This element will only be displayed if "Condom" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		
Female condom		UH270
<i>This element will only be displayed if "Female condom" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		
Dental dam		UH272
<i>This element will only be displayed if "Dental dam" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		
"Natural family planning" method	UH274	
<i>This element will only be displayed if "Natural family planning" method" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		
Withdrawal method	UH276	
<i>This element will only be displayed if "Withdrawal method" method" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		
I am sterilized	UH278	
<i>This element will only be displayed if "I am sterilized" method" was selected in question 52.1, "What type of contraception do you and a potential partner use?"</i>		

My partner is sterilized <i>This element will only be displayed if “My partner is sterilized” method” was selected in question 52.1, “What type of contraception do you and a potential partner use?”</i>		UH280
Mini-pill <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Mini-pill”</i>		UH251
Birth control pills <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Birth control pills”</i>		UH253
Hormonal IUD <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Hormonal IUD”</i>		UH255
Copper IUD <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Copper IUD”</i>	1. 0 2. 1 3. 2 4. 3 	UH257
Implant <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Implant”</i>	12. 11 13. Do not know/Do not remember	UH259
Depo-Provera injection <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Depo-Provera injection”</i>		UH261
Patch <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Patch”</i>		UH263
Vaginal ring <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Vaginal ring”</i>		UH265
Diaphragm <i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Diaphragm”</i>		UH267

Condom			UH269	
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Condom”</i>				
Female condom			UH271	
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Female condom”</i>				
Dental dam			UH273	
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Dental dam”</i>				
"Natural family planning" method			1. 0 2. 1 3. 2 4. 3 ... 12. 11 13. Do not know/Do not remember	UH275
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Natural family planning” method”</i>				
Withdrawal method	UH277			
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “Withdrawal method”</i>				
I am sterilized	UH279			
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “I am sterilized”</i>				
My partner is sterilized	UH281			
<i>This element will only be displayed if 0 – 16 years was selected in question 52.3, “My partner is sterilized”</i>				

2. Description of original instrument:

- Q52: Not validated question.
- Q52.1: Question from ”Young Woman Fertility” questionnaire (YWF). Slikkelap tilføjet
- Q52.2: Modified from ” YWF”. ”To avoid sexual transmitted infections” og ”In the treatment of conditions such as PCOS or endometriosis” have been added.
- Q52.3: Question from ”Young Woman Fertility” questionnaire (YWF).

3. Rationale for choosing the questions:

The questions were developed to gather information on the contraceptive practices of the participants with the objective to assess the prevalence of type of birth control, but also to assess contraceptive use as indicators of overall reproductive health.

- 4. Revision during the data collection period:**
No revisions have been made.

Puberty and menstruation

Q		Response options	Variable name
53	<p>How old were you when you had your first menstruation?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. 8 years or younger 2. 9 3. 10 4. 11 ... 8. 15 9. 16 years or older 10. Do not know/Do not remember 	UH282
53.1	<p>And how many months?</p> <p><i>This element will only be displayed if option 1-12, "08–16 years" was selected in question 52.3, "How old were you when you had your first menstruation?"</i></p>	<ol style="list-style-type: none"> 1. 0 2. 1 3. 2 ... 12. 11 13. Do not know/Do not remember 	UH283
54	<p>As far as you remember, when do you think you got your first menstruation compared to your peers?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. Somewhat at the same time as my peers 2. Earlier than my peers 3. Later than my peers 4. Don't know 	UH284
55	<p>As far as you remember, when did your breasts start developing in relation to your peers during puberty?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>		UH285
56	<p>As far as you remember, how old were you (in years and months) when you began to experience voice changes?</p> <p><i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. 8 years or younger 2. 9 3. 10 4. 11 5. 12 6. 13 7. 14 8. 15 9. 16 years or older 10. Don't know 	UH286

<p>56.1</p>	<p>And how many months?</p> <p><i>This element will only be displayed if option "8 years or younger" or "16 years or older", was selected in question 56, "As far as you remember, how old were you (in years and months) when you began to experience voice changes?"</i></p>	<p>1. 0 2. 1 3. 2 3. 4 ... 12. 11 13. Don't know</p>	<p>UH287</p>
<p>57</p>	<p>As far as you remember, when did your voice change compared to your peers?</p> <p><i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<p>1. Somewhat at the same time as my peers 2. Earlier than my peers 3. Later than my peers 4. Don't know</p>	<p>UH288</p>
<p>58</p>	<p>As far as you remember, how old were you (in years and months) when you had your first ejaculation?</p> <p><i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<p>1. 8 years or younger 2. 9 3. 10 4. 11 5. 12 6. 13 7. 14 8. 15 9. 16 years or older 10. Don't know</p>	<p>UH289</p>
<p>58.1</p>	<p>And how many months?</p> <p><i>This element will only be displayed if option "8 years or younger" or "16 years or older", was selected in question 58, "As far as you remember, how old were you (in years and months) when you had your first ejaculation?"</i></p>	<p>1. 0 2. 1 3. 2 3. 4 ... 12. 11 13. Don't know</p>	<p>UH290</p>
<p>59</p>	<p>As far as you remember, when did your testicles start growing in relation to your peers during puberty?</p> <p><i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<p>1. Somewhat at the same time as my peers 2. Earlier than my peers 3. Later than my peers 4. Don't know</p>	<p>UH291</p>
<p>60</p>	<p>Has your menstrual cycle been regular in the past 12 months (can you predict within a week when your next menstruation will start?)</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<p>1. My cycles are regular and do not deviate more than 1 to 3 days 2. My cycles vary in length by approximately 4-6 days 3. My cycles vary in length by 7 days or more 4. My cycles are irregular and I never know when the next menstruation will come 5. I do not menstruate 6. Don't know</p>	<p>UH292</p>

60.1	<p>How many days usually pass from the 1st day of one menstruation to the 1st day of the next?</p> <p><i>This element will only be displayed if “My cycles are regular and do not deviate more than 1 to 3 days”, “My cycles vary in length by approximately 4-6 days”, “My cycles vary in length by 7 days or more”, “My cycles are irregular and I never know when the next menstruation will come” or “Don't know” is selected in question 60 “Has your menstrual cycle been regular in the past 12 months (can you predict within a week when your next menstruation will start).</i></p>	<ol style="list-style-type: none"> 1. 15 days or less 2. 16 3. 17 ... 30. 44 31. 45 days or mor 32. Don't know 	UH293
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2. Description of original instrument:

- Q53: BSIG Interview 1
- Q54-59: Not validated question.
- Q60: Not validated question. Response options inspired by NIEHS.
- Q60.1: Not validated question.

3. Rationale for choosing the questions:

The questions regarding menstruation and menstrual cycle were developed to assess the menstrual function and cycle patterns of the female participants, as these serve as valuable indicators of ovarian function and overall reproductive health.

The questions regarding puberty were developed to assess the debut of established pubertal markers in the participants, including menarche, thelarche, spermatarche, pubertal voice mutation and testicular growth.

4. Revision during the data collection period:

No revisions have been made.

Gynecological/urological issues

Q		Response options	Variable name
61	Has a doctor ever told you that you have/had one or more of the following gynecological diseases or conditions confirmed by a doctor? <i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i>		
61.1	Endometriosis	1. Yes 2. No 3. Don't know	UH294
61.2	Pelvic inflammatory disease		UH295
61.3	Ectopic pregnancy		UH296
61.4	Polycystic ovary syndrome (PCOS)		UH297
61.5	Cervical cell changes		UH298
61.6	Low egg quality/few eggs		UH299
62	Have you or have you had one or more of the following conditions/illnesses confirmed by a doctor? <i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i>		
62.1	Cryptorchidism (one or both testicles not descended into the scrotum)	1. Yes 2. No 3. Don't know	UH300
62.2	Hypospadias (the opening of the urethra not located at the tip of the penis)		UH301
62.3	Low sperm quality		UH302
62.4	Testicular cancer		UH303
63	Have you had surgery in the abdomen or pelvis? <i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i>	Yes, intestinal surgery	UH304
		Yes, surgery on ovaries/fallopian tubes	UH305
		Yes, other surgery in the abdomen or pelvis	UH306
		No	UH307
		Don't know	UH308
64	Have you had surgery on the penis, testicle, or scrotum? <i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i>	Yes, surgery on the penis	UH309
		Yes, surgery on the testicle	UH310
		Yes, surgery on the scrotum	UH311
		No	UH312
		Don't know	UH313

65	Have you ever had one or more sexually transmitted infections (STIs)?	No, I have never had an STI	UH314
		Chlamydia	UH315
		Mycoplasma	UH316
		Gonorrhea	UH317
		Genital warts	UH318
		Herpes	UH319
		Another STI	UH320
		Don't know	UH321
		Do not wish to answer	UH322

2. Description of original instrument:

- Q61-62: Inspired by the "Young Woman Fertility" questionnaire (YWF) and questions from fertility counseling.
- Q63-64: Questions modified from the fertility counseling.
- Q65: Inspired by MoBa Q1 but consolidated into one question.

3. Rationale for choosing the questions:

These questions were developed to assess participants' previous medical history related to reproductive health.

4. Revision during the data collection period:

No revisions have been made.

Fertility

Q		Response options	Variable name
66	<p>How do you think your egg quality is?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. Normal 2. Slightly reduced 3. Reduced 4. Don't know 	UH323
67	<p>How do you think your sperm quality is?</p> <p><i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. Normal 2. Slightly reduced 3. Reduced 4. Don't know 	UH324
68	<p>Have you ever tried to conceive for more than one 1 year without success?</p> <p><i>This element will only be displayed if option 1, "Girl", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 4. Not relevant 5. Don't want to answer 	UH325
69	<p>Have you tried to get a partner pregnant for more than 1 year without success?</p> <p><i>This element will only be displayed if option 2, "Boy", was selected in question 41, "What biological sex were you assigned at birth?"</i></p>	<ol style="list-style-type: none"> 1. Yes 2. No 3. Don't know 4. Not relevant 5. Don't want to answer 	UH326
70	<p>Would you (and your potential partner) consider freezing eggs to preserve fertility?</p>	<ol style="list-style-type: none"> 1. Yes 2. No 3. I don't want to have children 4. Don't know 	UH327
71	<p>Which statement best describes in vitro fertilization (IVF and ICSI)?</p>	<ol style="list-style-type: none"> 1. A simple and fast process with a high likelihood of having a child 2. A demanding process physically and emotionally, with a high likelihood of having a child 3. A demanding process physically and emotionally, with uncertain chances of having a child 4. Don't know 	UH328

2. Description of original instrument:

- Q66-67: Not validated questions.
- Q68: Question from "The Woman and Health Survey".
- Q70: Questions adapted from the following study: <https://doi.org/10.1111/aogs.13024>.
- Q71: Not validated question.

3. Rationale for choosing the questions:

The questions pertaining to the duration of attempting to conceive were developed to identify participants whose time frame aligns with a diagnosis of "infertility."

- Q66-67 Probes subjective perception of own fecundity
- Q70-71 Probes attitudes to and knowledge of different ART procedures

4. Revision during the data collection period:

No revisions have been made.

Partner cohort

Q		Response options	Variable name
72	Do you have a girlfriend or partner/spouse who is at least 18 years old and would like to fill out a separate questionnaire? You will not be able to see each other's responses. Access to the other questionnaire will be given when you submit this questionnaire.	1. Yes 2. No 3. Not relevant	UH329
72.1	Do you consent to linking your data with your partner's data? If so, fill in the code you got on SMS in the box below.	Text box: XXXXXX (max 6 digits)	UH330

2. Description of original instrument:

- Q72: Not validated question.

3. Rationale for choosing the questions:

Assess if the respondent has a partner who would like to participate, and facilitate linkage with the partner if relevant

4. Revision during the data collection period:

No revisions have been made.