Questionnaire documentation

Questionnaire for mothers, fathers and children participating in the Norwegian Environmental Biobank part II data-collection in 2016/2017.

A sub-study within the Norwegian Mother, Father and Child Cohort Study

Version	Date	Performed by	Description
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LIST OF CONTENT

Instrument	3
Background information	
Questions about living environment and housing (A)	4
Questions about food and beverages (B)	7
Questions about smoking habits (C)	11
Questions about miscellaneous exposures (D)	11
Questions about education and occupation (E)	13
Other questions (F)	15
Questions about your child (G)	15
References	19

MODEL STRUCTURE OF WHAT IS PRESENTED PER INSTUMENT/SECTION

Instrument

This is a questionnaire designed to assess information about children and their mothers and fathers who participated in the Norwegian Environmental Biobank part II in 2016/2017. This was the first wave of new data collection (biological specimens and questionnaire data) in the newly established Norwegian Environmental Biobank. The first wave of the Norwegian Environmental biobank comprised a subsample of 3000 women participating in MoBa. For more information see (Caspersen et al. 2019).

Description of questions and rationale for choosing the questions:

The instrument documentation lists all questions included in the questionnaire, with letters and numbers used in the dataset and response-categories, with values used in the dataset. The rationale for choosing the questions was to assesses background information and information about factors related to each individual's exposure to nutrients, environmental toxicants and other unwanted substances that may affect health. Both parents were asked to answer parts B, C, D E and F. If they lived together, only one should answer the background information and parts A and G. If the parents did not live together, both were asked to answer parts A and G.

The Norwegian Environmental Biobank studies trends over time, geographical differences, and variation between individuals. Biological samples and questionnaires collected for the Norwegian Environmental Biobank are to be used in studies that can contribute to more knowledge about exposure to environmental contaminants, groups who are exposed to particularly large amounts of environmental contaminants, new types of environmental contaminants that should be monitored and associations between lifestyle, environmental contaminants, and health. This knowledge can be used by the health authorities in health surveillance and is useful in risk assessments of environmental contaminants. Furthermore, we can monitor whether the diet provides enough vitamins and minerals. For more information see https://www.fhi.no/en/cl/studies/norwegian-environmental-biobank/

Some of the questions about the child has been used in a report (in Norwegian) describing levels of environmental contaminant (Paulsen *et al.*, 2023)

Background information

Q		Variable name	
0			
	Day, month, and year of		H_0_1
	completing the		H_0_2
	questionnaire		H_0_3
	Does the mother and	1) Yes	H_0_4
	father live together?	2) No	
	Person completing this	1) Mother	H_0_5
	questionnaire: mother or	2) Father	
	father		
	Living situation	1) My child lives with both parents	
		2) My child lives mostly with me	H_0_6
		3) My child lives mostly with the other	
		parent	
		4) My child lives equally with both parents	

Questions about living environment and housing (A)

1	In what year was your housing built?				
	Year	Year [] or	H_1_1		
		'Don't know' []	H_1_2		
	How long have you lived in	Number of years []	H_1_3		
	your current housing				
2	Approximately how many squ				
	Size of indoor housing	Number of m ² []	H_2		
	space (square meters)				
3	How would you describe you				
	Type of housing	1) Detached house			
		2) Terrace house, semi-detached house etc.	H_3_1		
		3) Apartment			
		4) Other, specify (Text)	H_3_2_D (txt)		
4	Do you live in Oslo, Bergen, S	tavanger, Trondheim, Sandnes, Tromsø or Drami	men?		
	Do you live in Oslo, Bergen,	1) No			
	Stavanger, Trondheim,	2) Yes	H_4_1		
	Sandnes, Tromsø or				
	Drammen				
	If yes, in what type of area	City center [Single answer]			
	do you live?	2) Close to city center			
		3) Suburb	H_4_2		
		4) Industrial area			
		5) I don't know			
5		ving within 50 meter radius of your housing? [Mu			
	Industrial activity	metalworking activity	H_5_1		
		2) dumpsite/recovery plant	H_5_2		
		3) waste incineration	H_5_3		
		4) solvent works	H_5_4		

Q		Response options	Variable name
6	What heating source is mainl	y used in your housing	
	Heating source	 electrical heater electrical floor heating waterborne floor heating radiators district heating wood burning I don't know 	H_6
7	Are there any other heating s	sources in your housing using wood or charcoal, e	e.g. fireplace?
		1) Yes 2) No	H_7
8	What energy source do you u	T	
		 Electricity Gas Wood Other, e.g. microwave oven 	H_8_1 H_8_2 H_8_3 H_8_4
9		ar you use an outdoor grill when cooking	
	Electric grill Disposable grill Gas grill/ Charcoal grill	Number of days for each alternative []	H_9_1 H_9_3 H_9_2 H_9_4
10	-	nousing (living room or bedroom) been redecorat	
		No Yes, state how many months ago []	H_10_1 H_10_2
11	Do you have vinyl (PVC) floor		
		1) No2) Yes, state how many m2 [H_11_2]3) I don't know	H_11_1
12	Do you have any rooms with	vinyl (PVC) wallpaper in your housing?	
		1) No 2) Yes 3) I don't know	H_12_1
		If yes, state how many rooms []	H_12_2
13	If you leave your windows op traffic dust, industry etc.)	en, to what degree are you troubled with air pol	lution (exhaust,
		 Never troubled Rarely troubled Occasionally troubled Often troubled Almost always troubled 	H_13

Q		Response options	Variable name			
14	Do you have any pets living mainly indoors?					
		1) No	H_14			
		2) Yes				
15	If yes, state how many of the following pets:					
	Cats	Report the number of animals for each	H_15_1			
	Dogs	alternative []	H_15_2			
	Birds		H_15_3			
	Other		H_15_4_1			
	Specify:	Text	H_15_4_2_D(txt)			
16	Which of the following clear	ning products do you use regularly in your hom	ne?			
	1. Chlorine	1) Less than once per week	H_16_1			
	2. Sal ammoniac	2) About once per week	H_16_2			
	3. Stain removers (solvent	3) More than once per week	H_16_3			
	based)					
	4. Furniture cleaner		H_16_4			
	5. Window cleaner		H_16_5			
	6. Cleaning spray for		H_16_6			
	flooring					
	7. Oven cleaner		H_16_7			
	8. Air cleaner (plug-in,		H_16_8			
	atomizer, spray)					
	9. Universal cleaning spray		H_16_9			
	10. Other liquid detergent		H_16_10			
	(grønnsåpe, Ajax etc.)					
	11. Mothballs		H_16_11			
	12. Spray to remove fat		H_16_12			
	stains					
	13. Other detergents		H_16_13_1			
	Specify:	Text	H_16_13_2_D(txt)			
17	Do you have a vacuum clear	T I				
		1) No	H_17			
		2) Yes				
18	Does your vacuum cleaner h	nave a HEPA filter or similar filter with a small	oore size?			
		1) No	11.40			
		2) Yes	H_18			
10	Do you have a control very	3) I don't know				
19	Do you have a central vacuu		11 10			
		1) No	H_19			
20	How often is your home vac	2) Yes				
20	Thow offern is your nome vac					
		 More than once a week Once a week 	H_20			
		3) Less than once a week	Π_20			
		J) LESS CHAIT OFFICE A WEEK				

Questions about food and beverages (B)

Q		Response options	Variable name
21	What is your main wa	ter source for cooking?	
22	What is the main sour	 Public water supply Commercial products (bottled water, plastic bottle) Private well/water supply I don't know of your drinking water, ie the water you drink directly 	H_21
22	coffee, tea, juice, etc.?	•	01 030 101
		 Public water supply Commercial manufacturers (bottled water, plastic bottle) Own well/private water supply I don't know 	H_22
23	How often do you drin	k the following?	
	 Biola / Cultura / Activia and other probiotic products 	 Less than once per week 1-3 times a week 4-6 times a week 	H_23_1
	2. Water	4) 1-2 times a day	H_23_2
	3. Juice/smoothie	5) 3-4 times a day	H_23_3
	4. Sugar-sweetened Cola drink (eg Coca- Cola, Pepsi, energy drinks)	6) 5 + times a day	H_23_4
	5. Other sugar- sweetened beverages (e.g. Fanta, juice, nectar)		H_23_5
	6. Artificially sweetened Cola drink (e.g. Coca Cola Zero, Pepsi Max)		H_23_6
	7. Coffee (all types)		H_23_7
	8. Tea (all types)		H_23_8
	9. Milk (whole, reduced-fat, low-fat, skim)		H_23_9

Q		Variable name					
24	How often do you drink	। k alcohol? Base your answer on the last year.	Hame				
	Units of alcohol: To compare different types of alcohol, we ask for what we call alcohol units (= 1.5 cl pure alcohol). In practice, this means the following:						
	1 glass (1/3) liter of bee						
	1 glass of wine, red or v	wnite = 1 unit or other liqueur = 1 unit					
	1 shot of liquor = 1 unit	·					
	Beer, cider, alcoholic	1) Never	H_24_1				
	soda	2) Less than once a month					
	Wine, fruit wine,	3) Sometimes a month					
	sparkling wine,	4) About once a week	H_24_2				
	liqueur	5) 2-4 times a week					
	Liquor	6) 5-6 times a week					
		7) More than one glass every day	H_24_3				
25	How many units of alco	phol do you usually drink when you drink alcohol?	T				
		1) 1-2					
		2) 3-4					
		3) 5-6	H_25				
		4) 7-9					
26	How often have you ea	5) 10 or more ten the following foods in the last 4 weeks?					
20	1. Carrot, turnip,	1) Rarely/never	H_26_1				
	celery root	2) 2-3 times last month	11_20_1				
	2. Potatoes	3) 1-3 times a week	H_26_2				
	3. Cabbage,	4) 4-7 times a week					
	cauliflower, broccoli,	5) Once a day	H_26_3				
	Brussels sprouts	6) 2 + times a day					
	4. Onions, leeks,		H_26_4				
	garlic						
	5. Other vegetables						
	(e.g. peas, spinach,		H_26_5				
	lettuce, tomato)						
	6. Apples, pears,		H_26_6				
	plums						
	7. Other fruit (e.g. banana, orange,		H_26_7				
	grapes)		11_20_/				
	8. Berries (e.g.						
	strawberries,		H_26_8				
	raspberries,						
	blueberries)						
	9. Eggs (boiled, fried, scrambled)		H_26_9				
	10. Seagull eggs		H_2610				

	1
11. Fish and fish	
products, both for	H_2611
dinner and as a	
spread	
12. Shellfish (e.g.	H_2612
shrimp, crab,	
mussels)	
13. Chicken / turkey	H_2613
14. Beef, pork or	
lamb (roast, cutlets,	H_2614
fillet, steak)	_
15. Processed meat	
products	
(sausages/hotdogs,	H_2615
hamburgers,	_
meatballs, etc.)	
16. Game (elk, deer,	
roe deer, wild bird,	H_2616
hare, etc.)	11_2010
17. Offal (liver,	
kidneys, offal	H_2617
pudding, etc.)	11_2017
18. Lentils, beans,	H_2618
chickpeas	11_2018
19. Olive oil /	H_2619
rapeseed oil (for	П_2019
salad and cooking)	
20. Coarse whole	
grain products	11 2620
(wholemeal bread,	H_2620
crispbread,	
unsweetened muesli,	
etc.)	
21. Breakfast cereals	11.0004
(sweetened),	H_2621
oatmeal-porridge	2522
22. Yogurt / skyr etc.	H_2622
23. Cheese (all types)	H_2623
24. Rice/pasta	H_2624
25. Cakes, chocolate,	H_2625
ice cream, goodies	
26. Salty snacks (e.g.	H_2626
potato crisps,	
peanuts)	
27. Nuts (walnuts,	H_2627
hazelnuts, almonds,	
etc.)	

Q		Response options Variable				
					name	
27	How often have you u					
		Enter the name	Number of	Number of	Taking the	
		of the product	times per week	months last year	supplement	
					now	
					(no/yes)	
	Multivitamin- /	H_27_1_1_D(txt)	H_27_1	H_27_2	H_27_3	
	mineral supplements					
	Dietary supplements	H_27_2_1_D(txt)	H_27_2_2	H_27_2_3	H_27_2_4	
	with					
	minerals (e.g. iron)					
	Codliver oil or other	H_27_3_1_D(txt)	H_27_3_2	H_27_3_3	H_27_3_4	
	omega-3					
	supplement					
	Protein supplements	H_27_4_1_D(txt)	H_27_4_2	H_27_4_3	H_27_4_4	
	Other	H_27_5_1_D(txt)	H_27_5_2	H_27_5_3	H_27_5_4	
28	Other details about th					
			ten the following in the last 4 weeks:			
	1. Ready meals	1) Rarely/nev				
	(frozen pizza,	2) Sometime	•			
	Fjordland dinners,	3) About onc			H_28_1	
	etc.)	4) 2-4 times				
		5) 5-6 times	a week			
	2. Canteen dishes	6) Every day			H_28_2	
	3. Fast food (e.g.					
	McDonalds, kiosk,				H_28_3	
	gas station)					
	4. Chewing gum				H_28_4	
	5. Fruits / vegetables					
	from own / family /				H_28_5	
	friends' garden or					
	farm					
	6. Organic milk or				H_28_6	
	cheese					
	7. Organic bread or				H_28_7	
	cereal					
	8. Organic eggs				H_28_8	
	9. Organically grown				H_28_9	
	fruits and vegetables	L				
29	How many times per v		a trying pan			
	with non-slip coating (· · · · · · · · · · · · · · · · · · ·			1	
	Times per week	Number 0-99			H_29	

Questions about smoking habits (C)

Q	Res	ponse options	Variable name
30	Does anyone smoke indoors in you	r home?	
		1) No	H_30
		2) Yes	
31	How many people usually smokes	·	
		mber 0-9]	H_31
32	How many cigarettes / cigars / pip indoors at home?	es per day is usually smoked	
	[nui	mber 0-99]	H_32
33	Do you currently smoke?		
		1) No, I have never smoked	
		2) No, I quit smoking several years ago	
		3) No, I've quit smoking [] months ago	H_33_1
		4) Yes, daily.	
		5) Yes, sometimes.	
		If No, I've quit smoking [number 0-99]	H_33_2
		months ago	
		If Yes, daily. Number per day [number 0-99]	H_33_3
		If Yes, sometimes. Number per week [Number 0-99]	H_33_4
34	Are you currently using snus		
		1) No, I have never used snus	
		2) No, I stopped using snus several years	
		ago	
		3) No, I quit [] months ago	H_34_1
		4) Yes, daily.	
		5) Yes, sometimes.	
		If No, I quit [number 0-99] months	H_34_2
		ago	
		If Yes, daily. Number of times per day [number 0-99]	H_33_3
		If Yes, sometimes. Number per week [Number 0-99]	H_33_4

Questions about miscellaneous exposures (D)

Q			Response options	Variable
35	How often do you use the fol	lowing n	roducts?	name
33	1. Make-up on skin	1)		H_35_1
	2. Eye makeup	2)	•	H 35 2
	3. Hair shampoo	⊣ ′	Sometimes weekly	H_35_3
	4. Conditioner (Balsam)		Every day	H_35_4
	5. Hair styling products	1	, ,	H_35_5
	6. Body lotion (e.g. hand			H_35_6
	cream, lip balm)			55_5
	7. Fragrances (e.g. perfume,			H_35_7
	eau de toilette)			
	8. Deodorant			H 35 8
	9. Massage oil			H_35_9
	10. Nail polish			H 3510
36	Do you have teeth with amal	gam fillir	ıg?	_
	,		No	
		2)	Yes	H_36_1
		3)	Don't know	
			If Yes, [number] of amalgam fillings	H_36_2
37	How much time on average d	lo you us	e by car per day? Include both free time	and at work.
			Number 0-99 hours	H_37
38	What is the car's fuel?			
		1)	Petrol	H_38_1
		2)		H_38_2
		3)		H_38_3
		4)	Hybrid	H_38_4
39	How old is the car you usually			
			er 0-99] Years and/or [Number 0-12]	H_39_1
		month		H_39_2
40	How old is the car your child			
		Inumb	er 0-99] years and/or [0-12) months	H_40_1
				H_40_2
41	Is there someone in your hon	1	vorks with soldering / soldering metal?	11. 44
		1)	No	H_41
42	Han any and the fall and	2)	Yes	
42	Has anyone used the following	Ĭ	al in your home in the last 4 weeks?	
		Answe	r No or yes to each alternative Metals (e.g., cast lead bullets) [No/Yes]	L 42 1
				H_42_1
		2)	Paint / coating [No/Yes] Lubricants No/Yes	H_42_2 H 42 3
12	How often have you used sub	<u> </u>		17_42_5
43	now often have you used rub		plastic gloves (not latex) the last week?	T
		1) 2)	Daily Less than daily	H_43
		3)	Never	11_43
L	l	(د	INCVCI	

Q			Response options		Variable
					name
44	How often do you buy eco-labeled products?				
	1. Detergents for laundry	1)	Never		H_44_1
	2. Detergents for dishes	2)	Sometimes		H_44_2
	3. Cleaning agents	3)	Often		H_44_3
	4. Toilet paper / paper	4)	Always		H_44_4
	towels				
	5. Candles				H_44_5
	6. Cosmetics				H_44_6
	7. Clothes				H_44_7
	8. Bed linen including				H_44_8
	duvet/pillow/mattress				
	9. Paint				H_44_9
45	Do you usually get new or use	ed consu	mer goods?		
Cons	sumer goods:				
	Car	1)	Almost always new		H_45_1
	Sofa / furniture	2)	Most often new		H_45_2
	Children's clothing	3)	Often used		H_45_3
	Own clothes	4)	Always used		H_45_4
	TV / PC / stereo system etc				H_45_5
	Household appliances				H_45_6
	(white goods)				

Questions about education and occupation (E)

Q		Response options	Variable	
4.5			name	
46	What type of education do you have? (Only one tick for the highest education you have completed.)			
	,	9-year primary school		
		1-2-year high school		
		Higher vocational		
		3-year upper secondary general, high school	1	
		College or university up to 4 years (e.g.	H_46_1	
		cand.mag.,		
		bachelor, nurse, teacher, engineer)		
		College or university, more than 4 years (e.g.		
		major, master, official examination)		
		Other education	H_46_2	
47	What is your work situation n	ow? (If necessary, tic off more than one.)		
	School pupil / student		H_47_1	
	Resident/stay at home		H_47_2	
	mom/dad			
	Jobseeker / temporarily laid		H_47_3	
	off			
	Rehabilitation / disability		H_47_4	
	Employed in the public		H_47_5	
	sector			
	Employed in a private		H_47_6	
	company			
	Self employed		H_47_7	
	Family member without a			
	fixed salary in a family		H_47_8	
	business (eg farm, business)		47.0	
40	Other		H_47_9	
48	When did you start your curre		11.40	
40	Write the year	Year []	H_48	
49	How is the physical environm	ent most of the time in your current job?		
		Open office landscape	-	
		Own office	-	
		Classrooms, schools, kindergartens, libraries,		
		etc.	-	
		Shop, canteen, restaurant	H_49	
		Hospital, operating room, laboratory	11_43	
		Indoor construction work	-	
		Outdoor construction work The transport coster (car truck train etc.)	-	
		The transport sector (car, truck, train, etc.)	-	
		Forests, parks, fields, barns, etc.	-	
		Other		
50		act with any of the following substances in this jo	b or in your	
	free time? (You can tick more than one box.)			
	Metal dust		H_50_1	
	Oil		H_50_2	

Paint, coating	H_50_3
Solvents	H_50_4
Plastic softeners	H_50_5
Mercury	H_50_6
Cadmium	H_50_7
Other metals	H_50_8_1
If Other metals, state which	H_50_8_2
	_D(txt)

Other questions (F)

51	Which language do you speak most at home?				
	Norwegian		H_51_1		
	Other language, which:	text	H_51_2_D(txt)		
52	How many people are in your	household?			
	Number of persons 18	Number []	H_52_1		
	years or older				
	Number of persons under	Number [)	H_52_2		
	18 years				
53	How tall are you and how much do you weigh?				
	Also state your waist measurement.				
	Your height	Number [] cm	H_53_1		
	Your weight	Number [] kg	H_53_2		
	Your waist measurement	Number [] cm	H_53_3		
	(Use measuring tape,				
	measure midway between				
	lower rib and hip crest)				

Questions about your child (G)

	If mother and father do not live together, the questions are answered by both parents. The children in this study are from the age of 8 to 15 years. Therefore, some questions will be appropriate for children in one age group, but not for another. In such cases, you can skip			
ГЛ	questions you do not think ar			
54	what number in the sibling gi	roup is the child participating in this survey?		
		First		
		Second		
		Third		
		Fourth	H_54	
		Fifth		
		Sixth		
		Higher		
55	How old is the child?			
	Child age	[] years	H_55	

Q		Response options	Variable name				
56	How tall is your child and how much does he/she weigh? Also state the waist measurement of						
	the child.						
	The child's height (Measured	height [] cm	H_56_1				
	against a wall and without						
	shoes on)						
	The child's weight	weight [] kg	H_56_2				
	The child's waist	Waist circumference [] cm	H_56_3				
	circumference (Use						
	measuring tape, measure						
	midway between lower rib						
F7	and hip crest)						
57	Does your child have his own b	pearoom?					
	No, share with parents /		11 57				
	guardians No, share with siblings		H_57				
	Yes						
58		l s bedroom? (Answer with one or more ticks)					
36	View out to street or road.	S bedroom: (Answer with one of more ticks)	H_58_1				
	View to garden / courtyard /		H_58_2				
	terrace		П_36_2				
	View to tram / train / track		H_58_3				
	Other		H 58 4				
	If Other, specify		H_58_4_2_D(txt)				
59	Do pets sleep in the child's roo	l om?	11_30_4_2_D(txt)				
	No						
		Yes	H_59				
		Sometimes					
60	How often has your child playe	ed with toys that contains soft plastic in the last	week, eg dolls or				
		think about toys that your child plays with out	· · ·				
		Daily					
		Less than daily	H_60				
		Never					
		Do not know					
61	How much time per day does	your child spend outdoors?					
	Summertime	Number of hours	H_61_1_1				
		Number of minutes	H_61_1_2				
	Wintertime	Number of hours	H_61_2_1				
		Number of minutes	H_61_2_2				
62	Does your child smoke?						
		No					
		Yes, daily	H_62				
		Yes, sometimes					
		Do not know					
63	Does your child use snus?						
		No					
		Yes, daily	H_63				
		Yes, sometimes					

		Do not	know	
64	How often does your child use	the foll	owing products?	
	1. Make-up on skin	1)	Rarely/never	H_64_1
	2. Eye makeup	2)	Once a week	H_64_2
	3. Hair shampoo	3)	Sometimes a week	H_64_3
	4. Conditioner (Balsam)	4)	Every day	H_64_4
	5. Hair styling products			H_64_5
	6. Body lotion (e.g. hand			H_64_6
	cream, lip balm)			
	7. Fragrances (e.g. perfume,			H_64_7
	eau de toilette)			
	8. Deodorant			H_64_8
	9. Massage oil			H_64_9
	10. Nail polish			H_6410
65	How often does your child drir	nk the fo	llowing?	
	1. Biola / Cultura / Activia	-	Less than weekly	H_65_1
	and other probiotic products	,	1-3 times a week	
	2. Water	•	4-6 times a week	H_65_2
	3. Juice/smoothie	-	1-2 times a day	H_65_3
	4. Sweetened Cola drink (eg	-	3-4 times a day	H_65_4
	Coca-Cola, Pepsi, energy	6)	5+ a day	
	drinks)			
	5. Other sweetened			H_65_5
	beverages (e.g. Fanta, juice,			
	nectar)			
	6. Artificially sweetened Cola			H_65_6
	drink (e.g. Cola Zero, Pepsi			
	Max).			
	7. Coffee (all types)			H_65_7
	8. Tea (all types)			H_65_8
	9. Milk (whole, light, extra			H_65_9
	light, frothy)	.1 6.1		
66	How often has your child eate			
	1. Carrot, turnip, celery root	1)	Rarely/never	H_66_1
	2. Potatoes	2)	2-3 times monthly	H_66_2
	2. Cabbage, cauliflower,	3)	1-3 times a week	H_66_3
	broccoli, Brussels sprouts	4) 5)		11.66.4
	4. Onions, leeks, garlic	5) 6)	Once a day 2 + times a day	H_66_4
	5. Other vegetables (eg	6)	Z T UIIIES a Udy	H_61_5
	peas, spinach, lettuce,			
	tomatoes)			11.66.6
	6. Apples, pears, plums			H_66_6
	7. Other fruits (eg banana,			H_66_7
	orange, grapes)			11.66.0
	8. Berries (eg strawberries,			H_66_8
-	raspberries, blueberries)			11.66.0
	9. Eggs (boiled, fried, stir-fry)			H_66_9
	10. Seagull eggs			H_6610

Q		Respor	nse options	Variable name
	11. Fish and fish products,	1)	Rarely/never	H_6611
	both for dinner and as a side	2)	2-3 times monthly	_
	dish	3)	1-3 times a week	
	12. Shellfish (eg shrimp, crab,	4)	4-7 times a week	H_6612
	mussels)	5)	Once a day	_
	13. Chicken / turkey	6)	2 + times a day	H_6613
	14. Pure meat of beef, pork			
	and lamb (roast, chops, fillet,			H_6614
	beef)			
	15. Processed meat products			
	(sausages, hamburgers,			H_6615
	meatballs, etc.).			
	16. Game (elk, deer, roe deer,			H_6616
	wild bird, hare, etc.)			
	17. Offal (liver, kidneys, offal			H_6617
	pudding, etc.)			
	18. Lentils, beans, chickpeas			H_6618
	19. Olive oil / rapeseed oil			H_6619
	(for salad and cooking)			
	20. Coarse grain products			
	(wholemeal bread,			H_6620
	crispbread			
	21. Breakfast cereals			11.6624
	(sweetened), oatmeal-			H_6621
	porridge			11, 6622
	22. Yogurt / skyr etc.			H_6622
	23. Cheese (all types)			H_6623
	24. Rice / pasta			H_6624
	25. Cakes, chocolate, ice			H_6625
	cream, goodies			Ц 6626
	26. Salty snacks (e.g. potato chips, peanuts)			H_6626
	27. Nuts (walnuts, hazelnuts,			H_6627
	almonds, etc.)			11_0027
67	How often has your child eaten	the follo	owing in the last 4 weeks?	
	1. Ready meals (frozen pizza,	1)	Rarely/never	
	Fjordland dinners, etc.)	2)	Sometimes a month	H_67_1
	2. Dishes in the canteen	3)	About once a week	H_67_2
	3. Fast food (e.g., McDonalds,	4)	2-4 times weekly	
	kiosk, gas station)	5)	5-6 times weekly	H_67_3
	4. Chewing gum	6)	Every day	H_67_4
	5. Fruits / vegetables from			
	your own / family / friends'			H_67_5
	garden or farm			
	6. Organic milk or cheese			H_67_6
	7. Organic bread or cereal			H_67_7
	8. Organic eggs			H_67_8
	9. Organically grown fruits			H_67_9
	and vegetables			

Q		Response options	Variable
			name
68	Does your child have teeth with	n amalgam filling?	
		No	
		Yes,	H_68_1
		Do not know	
		If Yes, the child has [] amalgam fillings	H_68_2
69	How much time d	oes your child spend in the car on average per day	?
		Number of hours []	H_69_1
		Number of minutes []	H_69_2

References

Caspersen IH, Thomsen C, Haug LS, Knutsen HK, Brantsaeter AL, Papadopoulou E, Erlund I, Lundh T, Alexander J, Meltzer HM: **Patterns and dietary determinants of essential and toxic elements in blood measured in mid-pregnancy: The Norwegian Environmental Biobank**. Sci Total Environ 2019, 671:299-308.

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