ONLINE-ONLY SUPPLEMENTARY MATERIAL

Ethnic differences in risk factors for obesity in New Zealand infants

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	Imputed data	Obs	served data
		Ν	
Socio-demographic variables			
Child's ethnicity			
European	71.8%	687	71.8%
Māori or Pacific	16.7%		16.7%
Other	11.5%		11.5%
Mother educated to less than degree level	15.8%	544	15.1%
Mother's age			
<25 years	9.1%	545	7.9%
25 to <35 years	63.3%		64.6%
≥ 35 years	27.7%		27.5%
NZ Deprivation Index 2006			
1 (lowest deprivation)	25.9%	544	26.1%
2	28.2%		27.9%
3	19.5%		19.5%
4	16.7%		16.9%
5 (highest deprivation)	9.7%		9.6%
Maternal pre-pregnancy BMI <25 kg/m ²	57.8%	529	58.2%
-		529	
25 to <30 kg/m ² ≥30 kg/m ²	27.3%		27.2%
	15.0%	E 4 0	14.6%
Mother did physical activity pre-pregnancy	82.9%	543	83.4%
Mother's diet in pregnancy*	0.0 (1.0)	007	0.0 (1.00)
Processed foods (SD)	0.0 (1.0)	927	0.0 (1.00)
Snacks (SD) Healthy foods (SD)	0.0 (1.0)	927 927	0.0 (1.00)
Sweet foods (SD)	0.0 (1.0)	927	0.0 (1.00)
Starchy foods (SD)	0.0 (1.0)	927	0.0 (1.00)
Hypertension in pregnancy	12.8%	685	12.9%
Diabetes in pregnancy	3.8%	685	3.8%
	0.070	000	0.070
Infancy characteristics			
Child's weight in first week (kg)	3.52 (0.58)	671	3.52 (0.58)
Child's weight at 3 months (kg)	6.06 (0.89)	636	6.05 (0.89)
Exclusive breastfeeding in first 3 days	79.7%	677	80.2%
Exclusive breastfeeding in first 3 days Exclusive breastfeeding at 3 months	79.7% 53.2%	677 684	80.2% 53.2%

Supplementary Table 1. Distributions of variables in the observed and imputed data. Values are % or mean (SD)

* Dietary pattern scores are standardised to have a mean of zero and variance of one; values in this table can therefore be interpreted as standard deviations from the overall population mean

Supplementary Table 2. Characteristics of participants. Values are mean (SD) or number (%)

	Participants with data on all variables N=422	in com analysis o data on	Participants not included in complete case analysis due to missing data on one or more variables		
		% with missing data on this			
Socio-demographic variables		variable			
Child's ethnicity					
European	307 (72.8%)	22%	186 (70.2%)		
Māori or Pacific	64 (15.2%)	2270	51 (19.3%)		
Other	51 (12.1%)		28 (10.6%)	0.35	
Mother educated to less than degree level	60 (14.2%)	52%	118 (19.3%)	0.03	
Mother's age			- ()		
<25 years	31 (7.4%)	52%	84 (13.6%)		
25 to <35 years	277 (65.6%)		359 (58.2%)		
≥ 35 years	114 (27.0%)		174 (28.2%)	0.004	
NZ Deprivation Index 2006					
1 (lowest deprivation)	109 (25.8%)	52%	167 (27.1%)		
2	118 (28.0%)		127 (20.6%)		
3	84 (19.9%)		144 (23.4%)		
4	73 (17.3%)		103 (16.7%)		
5 (highest deprivation)	38 (9.0%)		75 (12.2%)	0.05	
Maternal, pregnancy and delivery characte	ristics				
Maternal pre-pregnancy BMI					
<25 kg/m ²	245 (58.1%)	49%	331 (56.8%)		
25 to <30 kg/m ²	113 (26.8%)		170 (29.2%)		
≥30 kg/m²	64 (15.2%)		82 (14.1%)	0.68	
Mother did physical activity pre-pregnancy**	354 (83.9%)	52%	506 (82.1%)	0.46	
Mother's diet in pregnancy					
Processed foods (SD)	-0.04 (1.02)	43%	0.03 (1.02)	0.25	
Snacks (SD)	-0.06 (1.00)	43%	0.05 (1.00)	0.08	
Healthy foods (SD)	0.07 (1.00)	43%	-0.06 (1.00)	0.04	
Sweet foods (SD)	0.00 (0.98)	43%	0.00 (1.02)	0.97	
Starchy foods (SD)	-0.01 (1.01)	43%	0.01 (0.99)	0.77	
Hypertension in pregnancy	50 (11.9%)	22%	38 (14.6%)	0.32	
Diabetes in pregnancy	15 (3.6%)	22%	11 (4.2%)	0.68	
Infancy characteristics					
Child's weight in first week (kg)	3.54 (0.56)	21%	3.49 (0.60)	0.27	
Child's weight at 3 months (kg)	6.05 (0.89)	18%	6.07 (0.88)	0.74	
Exclusive breastfeeding in first 3 days	340 (80.6%)	22%	203 (79.6%)	0.76	
Exclusive breastfeeding at 3 months	225 (53.3%)	22%	139 (53.1%)	0.95	
Solid foods introduced by 3 months	125 (29.6%)	22%	80 (30.8%)	0.75	

*P value testing the null hypothesis that the mean or percentage does not differ between those included in analyses and those excluded due to missing data; p values are generated from t-tests or chi-squared tests

** Dietary pattern scores are standardised to have a mean of zero and variance of one; values in this table can therefore be interpreted as standard deviations from the overall population mean

Supplementary Table 3. Principal component analysis of dietary data; first five principal components

Values are 'eigenvectors' from rotated principal components, which can be interpreted as weights assigned to the food items within each dietary pattern. For example in the 'high fat, low fruit & veg, high sugar' dietary pattern, Pies has a large positive weight (0.2660) whereas fresh fruit has a low negative weight (-0.1158). Therefore the more often a woman reports eating pies, the higher her score for the 'high fat, low fruit & veg, high sugar' dietary pattern will be, and vice versa for fresh fruit.

	Processed	Snacks	Healthy foods	Sweet foods	Starchy foods
Proportion of	0.10	0.08	0.07	0.07	0.06
variance					
explained					
Boiled veg	-0.0550	-0.0904	-0.0589	0.0755	-0.0248
Stir fry veg	-0.1217	0.2198	0.2764	-0.2163	0.2529
Frozen veg	0.0911	0.0129	0.0001	-0.0106	-0.0811
Fresh fruit	0.0679	0.0136	0.3655	-0.0234	0.1058
Oats	-0.0790	0.0568	0.3979	0.1189	-0.0566
European bread	0.0317	0.0371	-0.4535	0.0586	0.0806
Brown bread	0.0881	-0.0550	0.4737	0.0108	-0.1140
Pulses	0.0253	0.0367	0.3548	-0.0153	0.1480
Cheese	0.2632	-0.2813	0.1399	0.3055	-0.0519
Pies	0.3346	0.0332	-0.0116	-0.0698	0.0504
Sausages	0.1386	-0.0734	-0.0678	0.0224	0.0755
Burgers	0.3757	0.0220	0.0536	-0.0711	-0.0577
Pizza	0.4259	-0.0897	0.0468	0.0795	-0.0322
Chips	0.4604	0.0833	0.0001	-0.0459	-0.0200
Bbq foods	-0.0287	-0.0053	0.0629	0.0455	0.0251
Fried foods	0.3338	0.0018	-0.0840	0.0254	0.1339
Rice	-0.0756	0.0559	-0.0245	-0.0691	0.6786
Pasta	0.1135	-0.1401	-0.0166	0.1475	0.5898
Pudding	0.0112	0.0033	-0.0354	0.4921	0.0070
Biscuits	-0.0365	0.1113	-0.0066	0.4777	0.0216
Cake	-0.0372	0.1240	-0.0012	0.4789	0.0338
Chocolate bars	-0.0032	0.4619	-0.0749	0.1158	-0.0653
Chocolate	-0.0133	0.4698	0.1081	0.1568	-0.0180
Sweets	0.0388	0.4489	-0.0015	0.0042	-0.0318
Crips	0.1951	0.2895	-0.0607	-0.0494	0.1189
Fizzy drinks	0.2126	0.2514	-0.0934	-0.2176	-0.0952

Supplementary Table 4. Association between child's ethnicity and socio-demographic variables in participants with complete data on all variables. N=422

	European	Māori or Pacific	Other
	N=307	N=64	N=51
Mother educated to less	1 (ref)	1.67 (0.84 to 3.28)	0.24 (0.06 to 1.04)
than degree level		P=0.13	P=0.06
Mother's age			
<25 years	1 (ref)	2.65 (1.18 to 5.98)	0.28 (0.04 to 2.16)
		P=0.02	P=0.22
25 to <35 years	1 (ref)	1 (ref)	1 (ref)
≥ 35 <i>years</i>	1 (ref)	0.50 (0.24 to 1.05)	0.76 (0.39 to 1.50)
		P=0.07	P=0.43
NZ Deprivation Index 2006			
1 (lowest deprivation)	1 (ref)	1 (ref)	1 (ref)
2	1 (ref)	2.05 (0.83 to 5.08)	2.46 (1.02 to 5.95)
		P=0.12	P=0.05
3	1 (ref)	2.48 (0.97 to 6.33)	1.91 (0.71 to 5.10)
		P=0.06	P=0.20
4	1 (ref)	5.81 (2.38 to 14.18)	2.77 (1.02 to 7.51)
		P<0.001	P=0.05
5 (highest deprivation)	1 (ref)	3.13 (1.04 to 9.44)	2.24 (0.67 to 7.41)
		P=0.04	P=0.19

Values are odds ratios (95% confidence intervals) comparing Māori or Pacific children and Other Ethnicity children to European children.

Supplementary Table 5. Association between child's ethnicity and known risk factors for later obesity in participants with complete data on all variables (unadjusted). N=422

Values are odds ratios or mean differences (95% confidence intervals) comparing Māori or Pacific children and Other Ethnicity children to European children.

	European	Māori or Pacific	Other
	N=307	N=64	N=51
Categorical risk factors; or	dds ratios and 95	% confidence intervals	1
Maternal pre-pregnancy BMI			
<25 kg/m²	1 (ref)	1 (ref)	1 (ref)
25 to <30 kg/m ²	1 (ref)	1.28 (0.67 to 2.44) P=0.46	1.32 (0.69 to 2.53) P=0.40
≥30 kg/m²	1 (ref)	2.16 (1.09 to 4.29) P=0.03	0.56 (0.19 to 1.66) P=0.30
Mother did physical activity pre-pregnancy	1 (ref)	1.28 (0.59 to 2.74) P=0.53	1.56 (0.64 to 3.86) P=0.33
Hypertension in pregnancy	1 (ref)	1.59 (0.74 to 3.43) P=0.24	1.60 (0.69 to 3.70) P=0.27
Diabetes in pregnancy	1 (ref)	0.87 (0.19 to 4.01) P=0.86	1.10 (0.24 to 5.11) P=0.91
Exclusive breastfeeding in first 3 days	1 (ref)	0.95 (0.49 to 1.86) P=0.89	1.13 (0.52 to 2.46) P=0.75
Exclusive breastfeeding at 3 months	1 (ref)	0.98 (0.57 to 1.68) P=0.94	1.55 (0.84 to 2.85) P=0.16
Solid foods introduced by 3 months	1 (ref)	1.42 (0.80 to 2.50) P=0.23	1.05 (0.55 to 2.02) P=0.88
Continuous risk factors; m	ean differences :	and 95% confidence interv	als.
Mother's diet in pregnancy*			
Processed foods (SD)	0 (ref)	0.10 (-0.16 to 0.37) P=0.44	-0.10 (-0.39 to 0.18) P=0.48
Snacks (SD)	0 (ref)	0.25 (-0.02 to 0.52) P=0.07	-0.18 (-0.48 to 0.11) P=0.22
Healthy foods (SD)	0 (ref)	-0.06 (-0.33 to 0.21) P=0.65	0.09 (-0.21 to 0.39) P=0.56
Sweet foods (SD)	0 (ref)	-0.29 (-0.56 to -0.03) P=0.03	-0.01 (-0.30 to 0.28) P=0.94
Starchy foods (SD)	0 (ref)	0.23 (-0.04 to 0.50) P=0.10	0.40 (0.10 to 0.70) P=0.01
Child's weight in first week (kg)	0 (ref)	0.04 (-0.12 to 0.19) P=0.64	-0.11 (-0.27 to 0.06) P=0.21
Child's weight at 3 months (kg)	0 (ref)	0.13 (-0.11 to 0.37) P=0.30	0.04 (-0.23 to 0.30) P=0.79

* Dietary pattern scores are standardised to have a mean of zero and variance of one; values in this table can therefore be interpreted as standard deviations from the overall population mean

Supplementary Table 6. Association between child's ethnicity and known risk factors for later obesity in participants with complete data on all variables (with adjustment for socio-demographic characteristics). N=422

Values are odds ratios or mean differences (95% confidence intervals) comparing Māori or Pacific children and Other Ethnicity children to European children.

			A 11
	European	Māori or Pacific	Other
	N=307	N=64	N=51
Categorical risk factors; o	odds ratios and 95%	6 confidence intervals	1
Maternal pre-pregnancy BMI			
<25 kg/m²	1 (ref)	1 (ref)	1 (ref)
25 to <30 kg/m ²	1 (ref)	1.22 (0.62 to 2.38)	1.33 (0.68 to 2.57)
		P=0.56	P=0.40
≥30 kg/m²	1 (ref)	2.06 (0.99 to 4.28)	0.57 (0.19 to 1.73)
		P=0.05	P=0.32
Mother did physical	1 (ref)	1.79 (0.79 to 4.06)	1.57 (0.63 to 3.94)
activity pre-pregnancy		P=0.17	P=0.34
Hypertension in	1 (ref)	1.71 (0.76 to 3.82)	1.63 (0.69 to 3.84)
pregnancy		P=0.19	P=0.26
Diabetes in pregnancy	1 (ref)	0.87 (0.18 to 4.25)	1.06 (0.22 to 5.08)
		P=0.86	P=0.94
Exclusive breastfeeding	1 (ref)	0.93 (0.46 to 1.87)	1.18 (0.54 to 2.58)
in first 3 days		P=0.84	P=0.68
Exclusive breastfeeding	1 (ref)	0.98 (0.56 to 1.72)	1.52 (0.82 to 2.82)
at 3 months		P=0.95	P=0.19
Solid foods introduced by	1 (ref)	1.46 (0.80 to 2.64)	1.16 (0.60 to 2.25)
3 months		P=0.22	P=0.66
Continuous risk factors; r	nean differences a	nd 95% confidence interv	vals
Mother's diet in pregnancy*			
Processed foods (SD)	0 (ref)	0.02 (-0.25 to 0.29)	-0.12 (-0.41 to 0.17)
		P=0.89	P=0.42
Snacks (SD)	0 (ref)	0.24 (-0.03 to 0.52)	-0.22 (-0.51 to 0.08)
		P=0.08	P=0.15
Healthy foods (SD)	0 (ref)	-0.01 (-0.29 to 0.27)	0.09 (-0.21 to 0.39)
		P=0.92	P=0.55
Sweet foods (SD)	0 (ref)	-0.26 (-0.53 to 0.01)	-0.03 (-0.32 to 0.26)
		P=0.06	P=0.82
Starchy foods (SD)	0 (ref)	0.26 (-0.02 to 0.54)	0.38 (0.08 to 0.68)
	· •	P=0.07	P=0.01
Child's weight in first	0 (ref)	0.03 (-0.13 to 0.19)	-0.09 (-0.26 to 0.08)
week (kg)		P=0.73	P=0.28
Child's weight at 3	0 (ref)	0.11 (-0.14 to 0.36)	0.05 (-0.22 to 0.32)
months (kg)	- •	P=0.40	P=0.73

* Dietary pattern scores are standardised to have a mean of zero and variance of one; values in this table can therefore be interpreted as standard deviations from the overall population mean

Supplementary Table 7. Association between ethnicity and infant weight at age 3 months, and the degree to which this is explained by other risk factors in participants with complete data on all variables. N=422

Values are mean differences (95% confidence intervals) in infant weight at age 3 months (kg) from linear regression, comparing each ethnic group with the reference category, European ethnicity

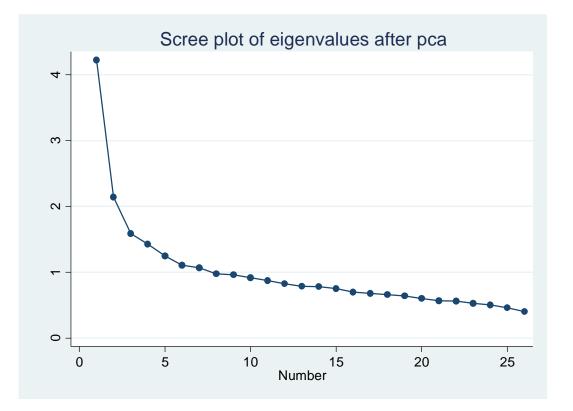
	Mean difference (95% CI) in infant weight at 3 months (kg)				
	European	Māori or Pacific	Other		
	N=493	N=115	N=79		
Unadjusted	0 (ref)	0.13 (-0.11 to 0.37)	0.04 (-0.23 to 0.30)		
		P=0.30	P=0.79		
Adjusted for socio-	0 (ref)	0.11 (-0.14 to 0.36)	0.05 (-0.22 to 0.32)		
demographic variables*		P=0.40	P=0.73		
Adjusted for maternal	0 (ref)	0.12 (-0.12 to 0.36)	0.04 (-0.22 to 0.31)		
pre-pregnancy BMI		P=0.34	P=0.76		
Adjusted for maternal	0 (ref)	0.14 (-0.10 to 0.39)	0.02 (-0.25 to 0.29)		
dietary pattern scores**		P=0.25	P=0.89		
Adjusted for all measured	0 (ref)	0.09 (-0.16 to 0.33)	0.02 (-0.26 to 0.27)		
potential mediators***		P=0.50	P=0.99		

* Adjusted for maternal education, maternal age and NZ deprivation index

** Adjusted for scores for all five dietary patterns

*** adjusted for maternal education, maternal age, NZ deprivation index, maternal prepregnancy BMI, scores for all five dietary patterns, hypertension during pregnancy, diabetes during pregnancy, physical activity during pregnancy, exclusive breastfeeding at 3 days, exclusive breastfeeding at 3 months, and early introduction of solid foods

Supplementary Figure 1. Screeplot of Eigenvalues after PCA of dietary data



Diet

7.06 Since becoming pregnant, how many times a w	eek do you eat?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Poultry					
EXAMPLE: Chicken, turkey					
Eggs					
Liver, pate, kidney, heart					
White fish					
EXAMPLE: Cod, fish fingers					
Other Fish					
EXAMPLE: Tuna, mackerel					
Shellfish					
7.06 (a) Do you eat the fat on meat?					
Yes, all of it					
Yes, some of it					
No					
Never eat meat					

7.07 Since becoming pregnant what sort of 'spreads' and 'sauces' do you use?		
	Yes	No
Butter		
Unsalted butter		
Polyunsaturated margarine		
EXAMPLE: Flora, sunflower		
Butter and margarine blend		
Olive oil spread		
EXAMPLE: Olivio		
Low salt margarine		
Reduced fat margarines		
Nutella		
Jam/honey		
Marmite/vegemite		
Peanut butter		
Mayonnaise/salad dressing		
Tomato sauce/ketchup		
Gravy		
Other spreads/sauces		
Please describe		

7.08 Since becoming pregnant what sort of fat do you mainly use for <u>frying</u> , <u>cooking</u> or <u>BBQ</u> ?				
	Yes	Νο		
Butter, dripping, lard, solid cooking fat				
Polyunsaturated margarine				
EXAMPLE: Flora, Sunflower, Olivio				
Sesame seed oil				
Sunflower, soya, corn, olive oil				
Other vegetable oil				
Other				
Please describe				

Vegetables & Fruit

7.09 Since becoming pregnant, how many times a week do you eat	?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Baked beans					
Peas, sweetcorn, broad beans					
Cabbage, brussel sprouts, kale & other green leafy vegetables					
Other green vegetables					
EXAMPLE: Cauliflower, runner beans, leeks					
Carrots					
Potatoes					

Other root vegetables EXAMPLE: Turnip, swede, parsnip			
Salad EXAMPLE: Lettuce, tomatoes, cucumber, etc			
Boiled vegetables			
Stir-fried vegetables			
Frozen vegetables			
Processed fruit			
Frozen fruit			
Fresh fruit			
EXAMPLE: Apple, pear, banana, orange, grapes etc			
Other fruit/veges not listed			

Grains

7.10 Since becoming pregnant, how many times a week do you eat	t?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Oat cereals					
EXAMPLE: Porridge, muesli Wholegrain/bran cereals					
EXAMPLE: Weetbix, All Bran, Bran Flakes, Fruit & Fibre Other cereals EXAMPLE: Cornflakes, Rice bubbles, Special K					

7.11	Since becoming pregnant, how many p day?	pieces of bread, rolls, chappatis & pita l	oread do yo	ou eat on a	usual
Less tha	an 1				
1-2					
3-4					
5 or mo	pre				
7.12	What types of bread do you eat most	days?			
Mult	iple answers possible				
			Yes	Νο	Don't know
White k	pread				
Brown/	granary bread				
Wholer	neal bread				
Chappa	tis, Nan bread				
Other t	ypes				
Please de	escribe				
Don't u	sually eat any bread				

Legumes

7.13 Since becoming pregnant, how many times a week do you eat	:?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Pulses					
EXAMPLE: Dried beans, lentils					
Nuts, nut roast					
Bean curd (tofu)					
Tahini					
EXAMPLE: Used to make hummus, almond butter, peanut butter					
Soya meat, vegeburgers					
Other legumes not listed					

Dairy Food

7.14 Since becoming pregnant, ho	ow often have you e	aten the following?				
		Never	Less than once a week	1-6 times a week	More than 6 times a week	Don't know
Yoghurt (Full)						
Yoghurt (Lite)						
Yoghurt (Low fat)						
Cream (Full)						
Cream (Lite)						
Cream Cheese (Full)						
Cheese						
EXAMPLE: Edam, mozzarella						
7.15 Do you drink milk?						
Yes	□ →	IF 'YES' PLEASE GO TO	O QUESTIC	ON 7.15(a	a)	
No	□ →	IF <i>'NO'</i> PLEASE GO TO	O QUESTIC	ON 7.16		

7.15 (a) What type of milks do you drink?					
	Usually	Some times	Not at all	Don't know	
Silver top (Full cream)					
Blue top (Common)					
Light Blue top (Lite)					
Dark Green top (Super trim)					
Orange top (Vitamin A & D)					
Yellow top (Extra calcium)					
Purple top (Omega 3 & Vitamin E)					
Soya milk					
Rice milk					
Goat/sheep milk					
Milk powder					
Other					
7.16 Since becoming pregnant, do you drink fresh milk directly from a fa	rm?				
es IF <i>'YES'</i> PLEASE GO TO QUESTION 7.16(a) IO IF <i>'NO'</i> PLEASE GO TO QUESTION 7.17					
7.16 (a) Do you normally boil this milk?					

Yes	
No	

7.16 (b)	Since becoming pregnant, how many glasses of fresh milk directly from a farm have you drunk?
	Glass per week

Other Food

7.17 Since becoming pregnant, how many times a week do you ea	t?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Pies, pasties					
EXAMPLE: Pork, steak, meat					
Sausages					
Hamburgers					
Pizza					
Chips/fries					
BBQ food					
Fried food					
EXAMPLE: Fried fish, eggs, bacon, chops etc					
Roast potatoes (Cooked in fat)					
Boiled/mashed potatoes					
Rice (Boiled)					
Pasta					

EXAMPLE: Spaghetti, noodles

Other food not listed

Snacks

7.18 Since becoming pregnant, how many times a week do you eat	?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Pudding					
EXAMPLE: Fruit pie, crumble, cheese-cake, mousse, gateaux					
Biscuits					
EXAMPLE: Digestives, shortbread, gingernuts, chocolate biscuits					
Cripbreads					
EXAMPLE: Ryvita, cabin bread					
Cakes or buns					
EXAMPLE: Fruit cake, sponge, teacake, buns, doughnuts, scones, custard pie					
Chocolate bars					
EXAMPLE: Mars, Twix, Moro, Picnic, Bounty, Crunchie					
Chocolate					
EXAMPLE: Dairy milk, plain, dark, nut, fruit, filled					
Sweets					
EXAMPLE: Boiled Iollies, toffees					
Crisps/potato chips					
Other snacks not listed					

7.19 How <u>many times a week</u> do you eat ta	ke-away foods for your main meals?
Never or rarely	
1-2	
3-4	
5 or more	
10 or more	

Seasoning

7.20 When you are eating, do you regularly add:				
	Never	Rarely	Often	Always
Pepper				
Salt (Table)				
Salt (Rock)				
Cheese				
Oil				
Soya sauces				
Other sauces				
Other spices/condiments				
EXAMPLE: Brewer's yeast, sea kelp granules, fresh herbs				

Drinks

7.21 Since becoming pregnant, how many times a week do you dri	ink?				
	Never or rarely	Once in 2 weeks	1-3 times a week	4-7 times a week	More than once a day
Fizzy drinks (In a can)					
EXAMPLE: L&P, Sprite, Coca Cola					
Fizzy drinks (In a bottle)					
EXAMPLE: L&P, Sprite, Coca Cola					
Bottled juice					
EXAMPLE: Keri juice					
Juice in a carton					
EXAMPLE: Just Juice, Fresh up, Ribena					
Water					
Water (Carbonated)					
EXAMPLE: Spring water, H ₂ O sparkling drink					
Теа					
Herbal teas (Non caffeine)					
Coffee					
Other drinks not listed					
7.22 Do you regularly drink tea?					

Yes	$\square \rightarrow$	IF 'YES' PLEASE GO TO QUESTION 7.22(a)
No		IF 'NO' PLEASE GO TO QUESTION 7.23

7.22 (a) How many <u>cups of tea</u> do you drink in a day?
To not include Herbal teas
Cups
7.22 (b) How many <u>cups of tea</u> you drink each day are decaffeinated?
Cups
7.23 Do you regularly drink coffee?
Yes IF 'YES' PLEASE GO TO QUESTION 7.23(a)
NO IF 'NO' PLEASE GO TO QUESTION 7.24
7.23 (a) How many <u>cups of decaffeinated coffee</u> do you drink in a day?
Cups
7.23 (b) How many <u>cups of instant coffee</u> do you drink each day?
Cups
7.23 (c) How many <u>cups of real coffee</u> do you drink each day?
Cups

7.24 How many teaspoons or honey or sugar do you add to hot drinks?		
Never or rarely		
1-2		
3-4		
5 or more		
7.25 Do you drink Herbal teas at all?		
Yes, sometimes or always	IF 'YES' PLEASE GO TO QUESTION 7.25(a)	
No, not at all	IF 'NO' PLEASE GO TO QUESTION 7.26	
7.25 What do you drink? (a)		
Give exact name if you can		
7.25 (b) In which Trimester period?		
Multiple answers possible		
1 st Trimester (ie 1 st 3 months)		
2 nd Trimester (ie 2 nd 3 months)		
3 rd Trimester (ie 3 rd 3 months)		

7.25 (c)	How many times a day did you drink this tea?
	Times