

Appendix Q Topics covered in NDNS report and archived data

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
<u>Interviewer visit</u>			
Height measurement (age 2+ years)	•	•	•
Weight measurement (all ages)	•	•	•
ActiGraph (age 4-15 years ¹)			•
Recent Physical Activity Questionnaire (RPAQ) (age 16+ years) ²			•
CAPI (Main Food Provider)			
Household information		•	•
Cooking and storage facilities		•	•
Shopping for food		•	•
Food preparation		•	•
Job and income of Household Reference Person		•	•
CAPI (Individual participant)			
Cooking skills (age 7+ years) ³		•	
Access to food at school (aged 1.5-15 years (or aged 16/17 years and in full-time education)		•	•
Eating out and other provision (all ages)		•	•

¹ Ages 4-10 only in Year 1.

² Included from Year 2.

³ Questions included in Year 1 only.

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Eating habits (all ages)		•	•
Food allergies/avoidance	•	•	•
General health (all ages)		•	•
Oral health (age 16+ years)		•	•
Drinking (age 8+ years; those aged 8-17 years given a self-completion booklet)	•	•	•
Smoking (age 8+ years; those aged 8-17 years given a self-completion booklet)	•	•	•
Education (age 16+ years)	•	•	•
Dietary supplements (all ages)	•	•	•
Dietary data (1.5 years and over)			
Daily intake of all individual foods and nutrients from each of the individual foods by day and eating occasion		•	•
Where and with whom data (including whether at table/tv on) for each eating occasion		•	•
Daily intake of food groups		•	•
Disaggregated daily intakes for meat, fish, fruit and vegetables		•	•
Per cent contribution of food groups to energy and nutrients			•
Daily intake of energy and nutrients		•	•
Mean intake of food groups	•	•	•
Disaggregated mean intakes for meat, fish, fruit and vegetables	•	•	•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Mean intake of energy and macronutrients	•	•	•
Mean intake of micronutrients from food sources only		•	•
Mean intake of micronutrients from all sources including supplements		•	•
Mean micronutrient intakes as per cent RNI from food sources only	•	•	•
Mean micronutrient intakes as per cent RNI from all sources including supplements	•	•	•
Per cent below LRNI for micronutrients from food sources only	•	•	•
Per cent below LRNI for micronutrients from all sources including supplements	•	•	•
Use of dietary supplements	•	•	•
Energy expenditure data (doubly labelled water) (sub-sample of participants age 4+ years)			•
<u>Nurse visit</u>			
Infant length measurements (age 1.5 – 2 years)		•	•
Prescribed medicines (all ages)			•
Mid upper arm circumference (age 2-15 years)		•	•
Blood pressure (age 4+ years) ⁴	•	•	•
Waist and hip circumference (age 11 + years) ⁴	•	•	•
Body Mass Index (all ages)	•	•	•

⁴ Year 3 report covers adults (aged 19 years and over) only.

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Demi-span (ages 65+ or no height measurement taken)	•	•	•
24-hour Urine (age 4+ years)⁵			
Creatinine			•
Nitrogen			•
PABA			•
Potassium			•
Sodium			•
Urea			•
Blood Sample (1.5-10 years)			
Haemoglobin concentration			•
Red blood cell count			•
Haematocrit			•
Mean cell volume			•
Mean cell haemoglobin			•
Mean cell haemoglobin concentration			•
Red cell distribution width			•
Platelet count			•

⁵ Results of a salt intake survey based on 24-hour urinary sodium (carried out in 2011) has been published on DH's website. (Assessment of dietary sodium in adults aged 19-64 years in England): <http://transparency.dh.gov.uk/2012/06/21/sodium-levels-among-adults/> (accessed 29/06/12)

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
White cell count			•
Neutrophil count			•
Lymphocyte count			•
Monocyte count			•
Eosinophil count			•
Basophil count			•
Red cell folate ⁶			•
Blood Sample (1.5-10 years) continued			
Glycosylated haemoglobin (HBA1c) ⁷			
Plasma ferritin			•
Plasma 25-hydroxyvitamin D			•
Plasma creatinine			•
Plasma vitamin C			•
Plasma retinol			•
Plasma retinyl palmitate			•
Plasma α -tocopherol			•
Plasma γ -tocopherol			•
Plasma α -cryptoxanthin			•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Plasma β -cryptoxanthin			•
Plasma lycopene			•
Plasma lutein and zeaxanthin			•
Plasma α -carotene			•
Plasma β -carotene			•
Plasma homocysteine ⁸			•
Blood Sample (1.5-10 years) continued			
Erythrocyte glutathione reductase: activation coefficient			•
Erythrocyte transketolase: activation coefficient			•
Plasma vitamin B ₆ : Pyridoxyl-5-phosphate			•
Plasma vitamin B ₆ : Pyridoxic acid			•
Plasma transferrin receptors ⁸			•
Serum total cholesterol			•
Serum HDL cholesterol			•
Serum Non-HDL cholesterol			•
Serum triglycerides			•
Serum high sensitivity C-reactive protein			•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Serum folate ⁶			•
Vitamin B ₁₂			•
Plasma selenium ⁶			•
Plasma zinc ⁸			•
Glucose ^{7,8}			
Blood Sample (age 11-18 years)			
Haemoglobin concentration	•	•	•
Red blood cell count		•	•
Haematocrit	•	•	•
Mean cell volume		•	•
Mean cell haemoglobin		•	•
Mean cell haemoglobin concentration		•	•
Red cell distribution width		•	•
Platelet count		•	•
White cell count		•	•
Neutrophil count		•	•
Lymphocyte count		•	•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Monocyte count		•	•
Eosinophil count		•	•
Basophil count		•	•
Red cell folate ⁶			•
Glycosylated haemoglobin (HBA1c) ⁷			
Plasma ferritin	•	•	•
Plasma 25-hydroxyvitamin D	•	•	•
Blood Sample (age 11-18 years) <i>continued</i>			
Plasma creatinine		•	•
Plasma vitamin C	•	•	•
Plasma retinol	•	•	•
Plasma retinyl palmitate		•	•
Plasma α -tocopherol	•	•	•
Plasma γ -tocopherol		•	•
Plasma α -cryptoxanthin	•	•	•
Plasma β -cryptoxanthin	•	•	•
Plasma lycopene	•	•	•
Plasma lutein and zeaxanthin	•	•	•
Plasma α -carotene	•	•	•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Plasma β -carotene	•	•	•
Plasma homocysteine	•	•	•
Erythrocyte glutathione reductase: activation coefficient	•	•	•
Erythrocyte transketolase: activation coefficient	•	•	•
Plasma vitamin B6: Pyridoxyl-5-phosphate	•	•	•
Plasma vitamin B6: Pyridoxic acid		•	•
Blood Sample (age 11-18 years) <i>continued</i>			
Plasma transferrin receptors		•	•
Serum total cholesterol	•	•	•
Serum HDL cholesterol	•	•	•
Serum Non-HDL cholesterol	•	•	•
Serum triglycerides		•	•
Serum high sensitivity C-reactive protein	•	•	•
Serum folate ⁶			•
Vitamin B ₁₂	•	•	•
Plasma selenium	•	•	•
Plasma zinc	•	•	•
Glucose ⁷			
Blood Sample (age 19-64 years)			

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Haemoglobin concentration	•	•	•
Red blood cell count		•	•
Haematocrit	•	•	•
Mean cell volume		•	•
Mean cell haemoglobin		•	•
Mean cell haemoglobin concentration		•	•
Blood Sample (age 19-64 years) <i>continued</i>			
Red cell distribution width		•	•
Platelet count		•	•
White cell count		•	•
Neutrophil count		•	•
Lymphocyte count		•	•
Monocyte count		•	•
Eosinophil count		•	•
Basophil count		•	•
Red cell folate ⁶			•
Glycosylated haemoglobin (HBA1c) ⁷			
Plasma ferritin	•	•	•
Plasma 25-hydroxyvitamin D	•	•	•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Plasma creatinine		•	•
Plasma vitamin C	•	•	•
Plasma retinol	•	•	•
Plasma retinyl palmitate		•	•
Plasma α -tocopherol	•	•	•
Plasma γ -tocopherol		•	•
Blood Sample (age 19-64 years) <i>continued</i>			
Plasma α -cryptoxanthin	•	•	•
Plasma β -cryptoxanthin	•	•	•
Plasma lycopene	•	•	•
Plasma lutein and zeaxanthin	•	•	•
Plasma α -carotene	•	•	•
Plasma β -carotene	•	•	•
Plasma homocysteine	•	•	•
Erythrocyte glutathione reductase: activation coefficient	•	•	•
Erythrocyte transketolase: activation coefficient	•	•	•
Plasma vitamin B6: Pyridoxyl-5-phosphate	•	•	•
Plasma vitamin B6: Pyridoxic acid		•	•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Plasma transferrin receptors		•	•
Serum total cholesterol	•	•	•
Serum HDL cholesterol	•	•	•
Serum Non-HDL cholesterol	•	•	•
Serum triglycerides		•	•
Serum high sensitivity C-reactive protein	•	•	•
Blood Sample (age 19-64 years) <i>continued</i>			
Serum folate ⁶			•
Vitamin B ₁₂	•	•	•
Plasma selenium	•	•	•
Plasma zinc	•	•	•
Glucose ⁷			
Blood Sample (age 65+ years)			
Haemoglobin concentration			•
Red blood cell count			•
Haematocrit			•
Mean cell volume			•
Mean cell haemoglobin			•
Mean cell haemoglobin concentration			•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Red cell distribution width			•
Platelet count			•
White cell count			•
Neutrophil count			•
Lymphocyte count			•
Monocyte count			•
Blood Sample (age 65+ years) <i>continued</i>			
Eosinophil count			•
Basophil count			•
Red cell folate ⁶			•
Glycosylated haemoglobin (HBA1c) ⁷			
Plasma ferritin			•
Plasma 25-hydroxyvitamin D			•
Plasma creatinine			•
Plasma vitamin C			•
Plasma retinol			•
Plasma retinyl palmitate			•
Plasma α -tocopherol			•
Plasma γ -tocopherol			•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Plasma α -cryptoxanthin			•
Plasma β -cryptoxanthin			•
Plasma lycopene			•
Plasma lutein and zeaxanthin			•
Plasma α -carotene			•
Plasma β -carotene			•
Blood Sample (age 65+ years) continued			
Plasma homocysteine			•
Erythrocyte glutathione reductase: activation coefficient			•
Erythrocyte transketolase: activation coefficient			•
Plasma vitamin B6: Pyridoxyl-5-phosphate			•
Plasma vitamin B6: Pyridoxic acid			•
Plasma transferrin receptors			•
Serum total cholesterol			•
Serum HDL cholesterol			•
Serum Non-HDL cholesterol			•
Serum triglycerides			•
Serum high sensitivity C-reactive protein			•
Serum folate ⁶			•

Topic area and age group included in reported/archived data	Included in current report	Included in archived data	Intend to report/archive in future
Vitamin B ₁₂			•
Plasma selenium			•
Plasma zinc			•
Glucose ⁷			

⁶ Folate analysis is in progress and will be reported in a future report..

⁷ This analyte was funded by Diabetes UK and will not be reported or archived.

⁸ This analyte was only measured for participants aged seven years and over.