



Public Health
England



National Diet and Nutrition Survey

Years 9 to 11 (2016/17 to 2018/19)

List of Variables for UK Data Service

NatCen
Social Research



Contents

CLASSIFICATION	8
Household	8
Individual	9
Admin	9
Booklet admin	10
Education	10
Employment	10
Ethnicity	11
Income	12
Nurse admin	12
Relationships	13
Sample	13
Weighting	14
MAIN FOOD PROVIDER	15
Admin	15
Shopping habits	15
Food preparation	15
SCHOOL PROVISION	16
School provision	16
EATING OUT AND OTHER PROVISION	18

Eating out and other provision	18
EATING HABITS	19
Eating habits	19
FOOD AVOIDANCE	22
Food avoidance	22
GENERAL HEALTH	24
General health	24
Self-assessed health	24
Longstanding illness	24
Mental Health	25
Prescribed medicines: General	25
Prescribed medicines: Drugs affecting blood analytes	26
Prescribed medicines: Reasons for taking medicines	26
Sleep time	26
ORAL HEALTH	27
Oral health	27
SMOKING	28
Adult general	28
Adult current smokers	28
Adult ex-smokers	28
Children 8-15	29

DRINKING	30
Adults general	30
Adults 7 days	30
Children 8-15	32
Children 13-15	32
ANTHROPOMETRIC MEASUREMENTS	33
Demispan admin	33
Height/weight/infant length admin	33
Waist/hip admin	35
Measurements	35
RPAQ (RECENT PHYSICAL ACTIVITY QUESTIONNAIRE)	37
Home activities	37
Activity at work/school/college	37
Travel to work/school/college	37
Leisure activities	38
SUN EXPOSURE	47
Sun exposure at school	47
Sun exposure at work	47
General	47
Use of sun cream	47
Holidays	48
SUPPLEMENTS	49

Supplements	49
BLOOD PRESSURE	50
Admin	50
Measurements	51
BLOOD SAMPLE	52
Admin	52
Measurements	55
SPOT SAMPLE FOR URINARY IODINE	60
FOOD LEVEL DIETARY DATA	61
Admin	61
Food groups	61
Nutrients	62
Disaggregated foods	64
Other information	65
DAY LEVEL DIETARY DATA - FOODS	66
Admin	66
Food groups (not including disaggregated foods)	66
Other dietary information	68
DAY LEVEL DIETARY DATA - NUTRIENTS	70
Admin	70

Nutrients (diet only)	70
Disaggregated foods	72
Nutrients (including supplements)	74
Other dietary information	74
Supplements	75

PERSON LEVEL DIETARY DATA	76
----------------------------------	-----------

Admin	76
Nutrients (diet only)	76
Nutrients (including supplements)	78
Food groups (including disaggregated foods)	84
Supplements	88

Introduction

This document should be used as the starting point to analysing the NDNS UK Year 9-11 combined data, as it categorises all the variables stored on the dataset to two levels, and it is therefore easier to see the coverage of questions asked at this summary level. It also indicates in which survey year the variable can be found.

Once you have found the appropriate variables that you want to analyse, you then need to look at the other documentation to see in more detail exactly how the question was asked in the study, or how a derived variable has been defined.

The source of each variable is indicated in the third column of each table of variables with abbreviations as follows:

HHold	Household CAPI Questionnaire
Indiv	Individual CAPI Questionnaire
Nurse	Nurse CAPI Questionnaire
Diary	Dietary data
SC	Self-Completion Booklet: SC 8-12, SC 13-15, SC YP, SC16+. Where a question appears in more than one booklet the range is widened (e.g. SC8-15)
Lab	Results from laboratory, i.e. from blood or urine testing
COMA	Dietary Reference Values from the Report on Health and Social Subjects 41 Dietary Reference Values (DRVs) for Food Energy and Nutrients for the UK, COMA, 1991.
Derived	A variable derived from other variables, and detailed in the Derived Variable Specification document
SACN	Dietary Reference Values from the Scientific Advisory Committee on Nutrition. Dietary Reference Values for Energy report, SACN, 2011.

CLASSIFICATION

Household					
Variable	Description	Source	Year 9	Year 10	Year 11
HSERIAL ¹	Household level serial number	Hhold	✓	✓	✓
OUTCOME	Final household outcome	Hhold	✓	✓	✓
PGRID	Respondent number in household grid	Hhold	✓	✓	✓
DMHSIZE7 ²	Total number of people in HHold – top coded at 7+	Hhold	✓	✓	✓
NUMADULT5	Number of adults aged 16 and over in household – top coded at 5+	Hhold	✓	✓	✓
NUMCH118_5	Children aged between 18 months and 18 – top coded at 5+	Hhold	✓	✓	✓
NUM19_5	Number aged 19+ - top coded at 5+	Hhold	✓	✓	✓
NUMCH04_2	Children aged between 0 and 4 – top coded at 2+	Hhold	✓	✓	✓
NUMCHILD4	Children aged between 0 and 15 – top coded at 4+	Hhold	✓	✓	✓
TEN1	Household tenure	Hhold	✓	✓	✓
FURN	Is accommodation furnished?	Hhold	✓	✓	✓
TENURE	(D) Tenure	Derived	✓	✓	✓
HHLDR1	Accommodation owned/rented by person 1	Hhold	✓	✓	✓
HHLDR2	Accommodation owned/rented by person 2	Hhold	✓	✓	✓
HHLDR3	Accommodation owned/rented by person 3	Hhold	✓	✓	✓
HHLDR4	Accommodation owned/rented by person 4	Hhold	✓	✓	✓
HHLDR5	Accommodation owned/rented by person 5	Hhold	✓	✓	✓
HHLDR6	Accommodation owned/rented by person 6	Hhold	✓	✓	✓
HHLDR7	Accommodation owned/rented by person 7	Hhold	✓	✓	✓

¹ Variable renamed SERIALH in archived dataset

² Variables relating to number of people in the household have been top coded to reduce disclosivity

Individual					
Variable	Description	Source	Year 9	Year 10	Year 11
ISERIAL ³	Individual serial number	Indiv	✓	✓	✓
IOUT	Final individual outcome	Indiv	✓	✓	✓
SEX	Sex	Indiv	✓	✓	✓
AGE	Age	Indiv	✓	✓	✓
DOB*	Date of birth	Indiv	✓	✓	✓
AGEGR1	(D) Age of respondent, grouped	Derived	✓	✓	✓
AGEGR2	(D) Adult vs. child	Derived	✓	✓	✓
AGEGAD1	(D) Age of respondent 16+, grouped into 4 groups	Derived	✓	✓	✓
AGEGAD2	(D) Age of respondent 16+, grouped into 5 groups	Derived	✓	✓	✓
AGEGCH1	(D) Age of respondent <16, grouped	Derived	✓	✓	✓
AGEGUR	(D) Detailed age groups for urine analysis	Derived	✓	✓	✓
AGEGDIET	(D) Detailed age groups for dietary analysis (4 groups, 11-64)	Derived	✓	✓	✓
MARST2r	Legal marital status	Indiv	✓	✓	✓
LIVEW2	Whether living together as a couple	Indiv	✓	✓	✓

Admin					
Variable	Description	Source	Year 9	Year 10	Year 11
DIARYD	Number of diary days completed	Indiv	✓	✓	✓
QUARTER	(D) Quarter of fieldwork	Derived	✓	✓	✓
MONTH	Month of fieldwork	Hhold	✓	✓	✓
HRPNO	Person number of HRP from HHGrid	Hhold	✓	✓	✓
ADCHILD	Adult or Child respondent (equates to person number in individual data)	Hhold	✓	✓	✓
ADNUM1	Person number of adult respondent from HHGrid	Hhold	✓	✓	✓
CHNUM	Person number of child respondent from HHGrid	Hhold	✓	✓	✓
CHRESP	Person number of who answers for child from HHGrid	Hhold	✓	✓	✓
MFPNUM	Person number of main food provider from HHGrid	Hhold	✓	✓	✓
NHSCAN*	Consent to NHSCR	Indiv	✓	✓	✓

³ Variable renamed SERIALI in archived dataset

* Variable removed from archived dataset for reasons of confidentiality

RECONTACT*	Permission to contact for further DH projects	Indiv	✓	✓	✓
------------	---	-------	---	---	---

Booklet admin

Variable	Description	Source	Year 9	Year 10	Year 11
SCTYPE	Type of S/C offered	Indiv	✓	✓	
SCOMP3	Smoking/drinking self completion booklet completed	Indiv	✓	✓	
RPAQCHK	Whether respondent completed RPAQ self completion booklet	Indiv	✓	✓	✓

Education

Variable	Description	Source	Year 9	Year 10	Year 11
educfinh	Age finished full time education (HRP)	Indiv	✓	✓	✓
qualchh	Any qualifications (HRP)	Indiv	✓	✓	✓
qual7h	(D) Qualifications gained, grouped (HRP)	Derived	✓	✓	✓
educfinm	Age finished full time education (MFP)	Indiv	✓	✓	✓
qualchm	Any qualifications (MFP)	Indiv	✓	✓	✓
qual7m	(D) Qualifications gained, grouped (MFP)	Derived	✓	✓	✓
EDUCFIN	Age finished full time education	Indiv	✓	✓	✓
QUALCH	Any qualifications	Indiv	✓	✓	✓
QUAL7	(D) Qualifications gained, grouped	Derived	✓	✓	✓

Employment

Variable	Description	Source	Year 9	Year 10	Year 11
HRPWRKS	HRP working	Hhold	✓	✓	✓
WRKSTAT	Economic status	Hhold	✓	✓	✓
PTWORK	Has job as well as studying	Hhold	✓	✓	✓
EVERWK	Ever had paid job	Hhold	✓	✓	✓
jobyesh	HRP: Whether have a job	Hhold	✓	✓	✓
regcash	HRP: Can I just check, are you in a regular job or an occasional job?	Hhold	✓	✓	✓
reghrsh	HRP: No. of hours worked per week in regular job	Hhold	✓	✓	✓
wtyphrsh	HRP: Is this the typical number of hours you work	Hhold	✓	✓	✓
ntyphrsh	HRP: Typical no. of hours worked per week in regular job	Hhold	✓	✓	✓

cashrsh	HRP: No. of hours worked per week in occasional job	Hhold	✓	✓	✓
typcash	HRP: Is this the typical number of hours you work in your occasional job?	Hhold	✓	✓	✓
ncashrsh	HRP: Typical no. of hours worked per week in occasional job	Hhold	✓	✓	✓
STAT	HRP: Employed or self employed	Hhold	✓	✓	✓
MANAGE	HRP: Any managerial duties	Hhold	✓	✓	✓
EMPNO	HRP: No. employed at place of work	Hhold	✓	✓	✓
SOLO	HRP: Work alone or with employees	Hhold	✓	✓	✓
SENO	HRP: Self- employed how many employees	Hhold	✓	✓	✓
REGCAS	Can I just check, are you in a regular job or an occasional job?	Indiv	✓	✓	✓
REGHRS	No. of hours worked per week in regular job	Indiv	✓	✓	✓
WTYPHRS	Is this the typical number of hours you work	Indiv	✓	✓	✓
NTYPHRS	Typical no. of hours worked per week in regular job	Indiv	✓	✓	✓
CASHRS	No. of hours worked per week in occasional job	Indiv	✓	✓	✓
TYPCAS	Is this the typical number of hours you work in your occasional job?	Indiv	✓	✓	✓
NCASHRS	Typical no. of hours worked per week in occasional job	Indiv	✓	✓	✓
SOC2010MG9	HRP: SOC 2010 (9 category)	Hhold	✓	✓	✓
SIC2007B	HRP: Standard Industrial Classification 2007 (grouped)	Hhold	✓	✓	✓
NSSEC8	(D) NS-SEC 8 variable classification (hrp)	Derived	✓	✓	✓
mfpwrks	MFP working	Hhold	✓	✓	✓
jobyesm	MFP: Whether have a job	Hhold	✓	✓	✓
regcasm	MFP: Can I just check, are you in a regular job or an occasional job?	Hhold	✓	✓	✓
reghrsm	MFP: No. of hours worked per week in regular job	Hhold	✓	✓	✓
wtyphrsm	MFP: Is this the typical number of hours you work	Hhold	✓	✓	✓
ntyphrsm	MFP: Typical no. of hours worked per week in regular job	Hhold	✓	✓	✓
cashrsm	MFP: No. of hours worked per week in occasional job	Hhold	✓	✓	✓
typcasm	MFP: Is this the typical number of hours you work in your occasional job?	Hhold	✓	✓	✓

Ethnicity					
Variable	Description	Source	Year 9	Year 10	Year 11
ETHGR5	(D) Ethnic group, 5 groups	Derived	✓	✓	✓
ETHGR2	(D) Ethnic group, 2 groups	Derived	✓	✓	✓
NATIDUKy5	UK National identity	Hhold	✓	✓	✓
NATIDGBy5	GB National identity	Hhold	✓	✓	✓
NATIDNIy5	NI National identity	Hhold	✓	✓	✓

Income					
Variable	Description	Source	Year 9	Year 10	Year 11
EQVINC*	(D) Equivalised household income	Derived	✓	✓	✓
eqv3	(D) Equivalised household income tertiles	Derived	✓	✓	✓
HHINC*	Total household income last 12 months	Indiv	✓	✓	✓
benef1y6	Income source: Earnings from employment or self-employment	Indiv	✓	✓	✓
benef2y6	Income source: State retirement pension	Indiv	✓	✓	✓
benef3y6	Income source: Pension from former employer	Indiv	✓	✓	✓
benef4y6	Income source: Personal pensions	Indiv	✓	✓	✓
benef5y6	Income source: Job seekers allowance	Indiv	✓	✓	✓
benef6y6	Income source: Employment and Support Allowance	Indiv	✓	✓	✓
benef7y6	Income source: Income support	Indiv	✓	✓	✓
benef8y6	Income source: Pension credit	Indiv	✓	✓	✓
benef196	Income source: Working tax credit	Indiv	✓	✓	✓
benef10y6	Income source: Child tax credit	Indiv	✓	✓	✓
benef11y6	Income source: Child benefit	Indiv	✓	✓	✓
benef12y6	Income source: Housing benefit	Indiv	✓	✓	✓
benef13y6	Income source: Council tax benefit	Indiv	✓	✓	✓
benef14y6	Income source: Other savings benefits	Indiv	✓	✓	✓
benef15y6	Income source: Interest from savings and investments	Indiv	✓	✓	✓
benef16y6	Income source: Other kinds of regular allowance from outside your household	Indiv	✓	✓	✓
benef17y6	Income source: No source of income	Indiv	✓		

Nurse admin					
Variable	Description	Source	Year 9	Year 10	Year 11
NUROUTC	Outcome of nurse visit	Nurse	✓	✓	✓
NURSE	Agreed to nurse appointment (at individual interview)	Indiv	✓	✓	✓
AGRNRURSE	(D) Whether agreed nurse visit	Derived	✓	✓	✓
NVISIT	(D) Whether visited by nurse	Derived	✓	✓	✓

* Variable removed from archived dataset for reasons of confidentiality

NURSEMTN	Month of nurse visit	Nurse	✓	✓	✓
BLOODMTN	Month of blood visit	Nurse	✓	✓	✓
HLTHCH	Any changes to general health since interviewer visit	Indiv	✓	✓	✓
NURSREF	No nurse: Own doctor already has information	Indiv	✓	✓	✓
NURSREF2	No nurse: Given enough time already to this survey/expecting too much	Indiv	✓	✓	✓
NURSREF3	No nurse: Too busy, cannot spare the time	Indiv	✓	✓	✓
NURSREF4	No nurse: Had enough of medical tests/medical profession	Indiv	✓	✓	✓
NURSREF5	No nurse: Worried about what nurse may find out	Indiv	✓	✓	✓
NURSREF6	No nurse: Scared/of medical profession/ particular medical procedures	Indiv	✓	✓	✓
NURSREF7	No nurse: Not interested/Can t be bothered/No particular reason	Indiv	✓	✓	✓
NURSREF8	No nurse: Other reason	Indiv	✓	✓	✓
PREGNTJ	Pregnant or breastfeeding (aged 16+)	Nurse	✓	✓	✓
UPREG	Pregnant or breastfeeding (aged 10-15)	Nurse	✓	✓	✓

Relationships					
Variable	Description	Source	Year 9	Year 10	Year 11
RELHRP	HRP is respondents...	Hhold	✓	✓	✓
REL01	Person 1's relationship to respondent	Hhold	✓	✓	✓
REL02	Person 2's relationship to respondent	Hhold	✓	✓	✓
REL03	Person 3's relationship to respondent	Hhold	✓	✓	✓
REL04	Person 4's relationship to respondent	Hhold	✓	✓	✓
REL05	Person 5's relationship to respondent	Hhold	✓	✓	✓
REL06	Person 6's relationship to respondent	Hhold	✓	✓	✓
REL07	Person 7's relationship to respondent	Hhold	✓	✓	✓
P2MUM	Mother of selected child from HHGrid	Hhold	✓	✓	✓
P2DAD	Father of selected child from HHGrid	Hhold	✓	✓	✓
PAR1	Child's parent or legal responsibility for him/her	Hhold	✓	✓	✓
PAR2	Other parent or person legally responsible for him/her	Hhold	✓	✓	✓

Sample					
Variable	Description	Source	Year 9	Year 10	Year 11
REGION	(D) Country/region	Derived	✓	✓	✓

GOR	Government Office Region	Sample	✓	✓	✓
POINT ⁵	Primary sampling unit (PSU)	Sample	✓	✓	✓
ADDRESS ⁶	Address number	Sample	✓	✓	✓
STRATA ⁷	Stratification level	Sample	✓	✓	✓
SAMPTYPE	Sample type	Sample	✓	✓	✓
SCRTYPE	Core or child boost	Sample	✓	✓	✓
COUNTRY	(D) Country	Derived ⁸	✓	✓	✓
SURVEYR	Survey year	Sample	✓	✓	✓

Weighting					
Variable	Description	Source	Year 9	Year 10	Year 11
wti_Y9	Weight for individual and diary-all ages, Y9	Other	✓		
wtb_Y9	Weight for nurse-all ages, Y9	Other	✓		
wtn_Y9	Weight for RPAQ-all ages, Y9	Other	✓		
wtr_Y9	Weight for blood-all ages, Y9	Other	✓		
wtsu_Y9	Weight for analysis of spot urinary iodine data, ages 4 year and over, Y9	Other	✓		
wti_Y911	Weight for individual and diary-all ages, combined Y9-11	Other	✓	✓	✓
wtb_Y911	Weight for blood-all ages, combined Y9-11	Other	✓	✓	✓
wtn_Y911	Weight for nurse-all ages, combined Y9-11	Other	✓	✓	✓
wtr_Y911	Weight for RPAQ-all ages, combined Y9-11	Other	✓	✓	✓
wtsu_Y911	Weight for spot urine - ages 4+, Y9-11	Other	✓	✓	✓

⁵ Variable renamed AREA in archived dataset

⁶ Variable renamed ADDNUM in archived dataset

⁷ Variable renamed ASTRATA in archived dataset

⁸ Variable not included in Derived Variable guide as it is computed using Point

MAIN FOOD PROVIDER

Admin

Variable	Description	Source	Year 9	Year 10	Year 11
MFPSEX	Gender of MFP	MFP	✓	✓	✓
MFPAGE	Age of MFP	MFP	✓	✓	✓
MFPPROX	Proxy or personal interview with MFP	MFP	✓	✓	✓
MPROXWHO	Person number of MFP Proxy	MFP	✓	✓	✓

Shopping habits

Variable	Description	Source	Year 9	Year 10	Year 11
SHOPFV	Veg shops	MFP	✓	✓	✓
FVOFT	How often buy fresh fruit and veg	MFP	✓	✓	✓
FRUITAV	How often have fresh fruit available at home	MFP	✓	✓	✓

Food preparation

Variable	Description	Source	Year 9	Year 10	Year 11
MINCF1	Mince fat	MFP	✓	✓	✓
MINCF2	Strain mince fat	MFP	✓	✓	✓
CHIPHOW	How prepare chips	MFP	✓	✓	✓
SALTCHK	Salt added during cooking	MFP	✓	✓	✓
SALHOWC	How often salt added during cooking	MFP	✓	✓	✓
SLTSHOW	How often salt substitute added during cooking	MFP	✓	✓	✓

SCHOOL PROVISION

School provision					
Variable	Description	Source	Year 9	Year 10	Year 11
SCHTYPE	School type	Indiv	✓	✓	✓
SCHPROV	School provides food	Indiv	✓	✓	✓
SCHMEAL	School provides cooked meal	Indiv	✓	✓	✓
SCHPROV2	Child has school cooked meal	Indiv	✓	✓	✓
SCHLUN	What usually have for lunch on school day	Indiv	✓	✓	✓
SCHSN	Whether can buy snacks at school	Indiv	✓	✓	✓
SCHSN2	Ever buy or eat snacks bought at school	Indiv	✓	✓	✓
SCHSUB1	School subsidy: Free school meal (at lunchtime)	Indiv	✓	✓	
SCHSUB2	School subsidy: Reduced price or subsidised school meal (at lunchtime)	Indiv	✓	✓	
SCHSUB3	School subsidy: Free school milk	Indiv	✓	✓	
SCHSUB4	School subsidy: Subsidised school milk	Indiv	✓	✓	
SCHSUB5	School subsidy: Free fruit	Indiv	✓	✓	
SCHSUB8	School subsidy: Free food BEFORE school	Indiv	✓	✓	
SCHSUB9	School subsidy: Free food AFTER school	Indiv	✓	✓	
SCHSUB10	School subsidy: Other	Indiv	✓	✓	
SCHSUB11	School subsidy: None of these	Indiv	✓	✓	
SchSub1y11	School subsidy: Free school meal (at lunchtime) as part of universal free school meals	Indiv			✓
SchSub2y11	School subsidy: Free school meal (at lunchtime) NOT as part of universal free school meals	Indiv			✓
SchSub3y11	School subsidy: Reduced price or subsidised school meal (at lunchtime)	Indiv			✓
SchSub4y11	School subsidy: Free school milk	Indiv			✓
SchSub5y11	School subsidy: Subsidised school milk	Indiv			✓
SchSub6y11	School subsidy: Free fruit	Indiv			✓
SchSub7y11	School subsidy: Free food BEFORE school	Indiv			✓
SchSub8y11	School subsidy: Free food AFTER school	Indiv			✓
SchSub9y11	School subsidy: Other	Indiv			✓
SchSub10y11	School subsidy: None of these - SPONTANEOUSLY ONLY	Indiv			✓
SCHOOL2	Entitled subsidy	Indiv	✓	✓	✓

SCHOOL2I	YNot subsidy	Indiv	✓	✓	✓
SCHOFT	Per week no. free sch meals	Indiv	✓	✓	✓
SCHOFT2	YNot all subsidy	Indiv	✓	✓	✓
PRSCOFT	Per week no. free pre-sch meals	Indiv	✓	✓	✓
POSCOFT	Per week no. free after sch meals	Indiv	✓	✓	✓

EATING OUT AND OTHER PROVISION

Eating out and other provision					
Variable	Description	Source	Year 9	Year 10	Year 11
HECLUB1	Use of services: Lunch club?	Indiv	✓	✓	✓
HECLUB2	Use of services: Day care centre?	Indiv	✓	✓	✓
HECLUB3	Use of services: Meals on wheels?	Indiv	✓	✓	✓
HECLUB4	Use of services: None of these?	Indiv	✓	✓	✓
HELC	How often lunch club	Indiv	✓	✓	✓
HEDCC	How often day care centre	Indiv	✓	✓	✓
HEMW	How often meals on wheels	Indiv	✓	✓	✓
MWHOW	How receive meals on wheels	Indiv	✓	✓	✓
MEALOUT	How often eat meals out	Indiv	✓	✓	✓
TAMEAL	How often eat takeaway meals	Indiv	✓	✓	✓
CANTEEN	Canteen	Indiv	✓	✓	✓
CANTSUB	Canteen subsidised	Indiv	✓	✓	✓
LUNCHWK	Lunch at work	Indiv	✓	✓	✓

EATING HABITS

Eating habits					
Variable	Description	Source	Year 9	Year 10	Year 11
OILFISH	Eaten tinned oily fish in last 12 months (not incl tinned tuna)	Indiv	✓	✓	✓
FROFSH	Fresh/frozen oily fish in last year	Indiv	✓	✓	✓
SHFISH	Shellfish in last year	Indiv	✓	✓	✓
OFFAL	Offal in last year	Indiv	✓	✓	✓
RARE0Y3	Rare foods eaten: None of these	Indiv	✓	✓	✓
RARE1Y3	Rare foods eaten: Sprats	Indiv	✓	✓	✓
RARE2Y3	Rare foods eaten: Seeds as a snack (e.g. sunflower seeds, pumpkin seeds, sesame seeds, melon seeds (also known as egusi))	Indiv	✓	✓	✓
RARE3Y3	Rare foods eaten: Cassava chips/cassavacrisps	Indiv	✓	✓	✓
RARE4Y3	Rare foods eaten: Seaweed (includes hijiki, wakame)	Indiv	✓	✓	✓
RARE5Y3	Rare foods eaten: Sushi (including purchased sushi)	Indiv	✓	✓	✓
RARE6Y3	Rare foods eaten: Papaya (include fresh and canned)	Indiv	✓	✓	✓
RARE7Y3	Rare foods eaten: Dried papaya	Indiv	✓	✓	✓
RARE8Y3	Rare foods eaten: Game (includes venison, rabbit, pheasant, partridge, wood pigeon, hare or wild boar)	Indiv	✓	✓	✓
RARE9Y6	Rare foods eaten: Non cows milk (includes rice milk, soya milk, sheeps milk, goats milk, oat milk or almond milk)	Indiv	✓	✓	✓
RARE10Y3	Rare foods eaten: Fish eggs, for example caviar, cods roe	Indiv	✓	✓	✓
RARE11Y3	Rare foods eaten: Smoked sausages	Indiv	✓	✓	✓
RARE12Y3	Rare foods eaten: Gogi berries	Indiv	✓	✓	✓
RARE13Y3	Rare foods eaten: Fish liver (not oil)	Indiv	✓	✓	✓
RARE14Y3	Rare foods eaten: Dark chocolate i.e 50% or higher cocoa solids	Indiv	✓	✓	✓
RARE15Y3	Rare foods eaten: Okra	Indiv	✓	✓	✓
RARE16Y6	Rare foods eaten: Brown crab meat	Indiv		✓	✓
RARO1Y3	How often have you eaten sprats	Indiv	✓	✓	✓
RARO2Y3	How often have you eaten seeds as a snack (e.g. sunflower seeds, pumpkin seeds, sesame seeds, melon seeds (also known as egusi))	Indiv	✓	✓	✓
RARO3Y3	How often have you eaten cassava chips/cassavacrisps	Indiv	✓	✓	✓
RARO4Y3	How often have you eaten seaweed (includes hijiki, wakame)	Indiv	✓	✓	✓

RARO5Y3	How often have you eaten sushi (including purchased sushi)	Indiv	✓	✓	✓
RARO6Y3	How often have you eaten papaya (include fresh and canned)	Indiv	✓	✓	✓
RARO7Y3	How often have you eaten dried papaya	Indiv	✓	✓	✓
RARO8Y3	How often have you eaten game (includes venison, rabbit, pheasant, partridge, wood pigeon, hare or wild boar)	Indiv	✓	✓	✓
RARO9Y6	How often have you eaten non cows milk (includes rice milk, soya milk, sheeps milk, goats milk, oat milk or almond milk)	Indiv	✓	✓	✓
RARO10Y3	How often have you eaten fish eggs, for example caviar, cods roe	Indiv	✓	✓	✓
RARO11Y3	How often have you eaten smoked sausages	Indiv	✓	✓	✓
RARO12Y3	How often have you eaten gogi berries	Indiv	✓	✓	✓
RARO13Y3	How often have you eaten fish liver (not oil)	Indiv	✓	✓	✓
RARO14Y3	How often have you eaten dark chocolate	Indiv	✓	✓	✓
RARO15Y3	How often have you eaten okra	Indiv	✓	✓	✓
RARO16Y6	How often have you eaten brown crab meat	Indiv	✓	✓	✓
GAMETYP1	Type of game eaten: Pheasant	Indiv	✓	✓	✓
GAMETYP2	Type of game eaten: Partridge	Indiv	✓	✓	✓
GAMETYP3	Type of game eaten: Quail	Indiv	✓	✓	✓
GAMETYP4	Type of game eaten: Wood pigeon	Indiv	✓	✓	✓
GAMETYP5	Type of game eaten: Rabbit	Indiv	✓	✓	✓
GAMETYP6	Type of game eaten: Venison	Indiv	✓	✓	✓
GAMETYP7	Type of game eaten: Hare	Indiv	✓	✓	✓
GAMETYP8	Type of game eaten: Grouse	Indiv	✓	✓	✓
GAMETYP9	Type of game eaten: Other	Indiv	✓	✓	✓
NCOWMTYP	Type of non cows milk: Rice milk	Indiv	✓	✓	✓
NCOWMTY2	Type of non cows milk: Soya milk	Indiv	✓	✓	✓
NCOWMTY3	Type of non cows milk: Sheeps milk	Indiv	✓	✓	✓
NCOWMTY4	Type of non cows milk: Goats milk	Indiv	✓	✓	✓
NCOWMTY5	Type of non cows milk: Oat milk	Indiv	✓	✓	✓
NCOWMTY6	Type of non cows milk: Almond milk	Indiv	✓	✓	✓
NCOWMTY9	Type of non cows milk: Other	Indiv	✓	✓	✓
SAUSTYP1	Type of smoked sausage: Kabanos	Indiv	✓	✓	✓
SAUSTYP2	Type of smoked sausage: Kielbasa	Indiv	✓	✓	✓
SAUSTYP3	Type of smoked sausage: Bratwurst	Indiv	✓	✓	✓
SAUSTYP4	Type of smoked sausage: Cervelat or Summer sausage	Indiv	✓	✓	✓
SAUSTYP5	Type of smoked sausage: Andouille	Indiv	✓	✓	✓

SAUSTYP6	Type of smoked sausage: Knackwurst	Indiv	✓	✓	✓
SAUSTYP7	Type of smoked sausage: Linguica	Indiv	✓	✓	✓
SAUSTYP8	Type of smoked sausage: Chorizo	Indiv	✓	✓	✓
SAUSTYP9	Type of smoked sausage: Mortadella	Indiv	✓	✓	✓
SAUSTY10	Type of smoked sausage: Hot dogs	Indiv	✓	✓	✓
SAUSTY11	Type of smoked sausage: Bologna	Indiv	✓	✓	✓
SAUSTY12	Type of smoked sausage: Other	Indiv	✓	✓	✓

FOOD AVOIDANCE

Food avoidance					
Variable	Description	Source	Year 9	Year 10	Year 11
AVOIDYN	Foods never eat	Indiv	✓	✓	✓
AVOID1	Which types of food never eat: Meat or meat products (not including poultry)	Indiv	✓	✓	✓
AVOID2	Which types of food never eat: Chicken or other poultry and dishes containing them	Indiv	✓	✓	✓
AVOID3	Which types of food never eat: Fish or seafood and fish and seafood dishes	Indiv	✓	✓	✓
AVOID4	Which types of food never eat: Eggs	Indiv	✓	✓	✓
AVOID5	Which types of food never eat: Milk (including yoghurt)	Indiv	✓	✓	✓
AVOID6	Which types of food never eat: Cheese	Indiv	✓	✓	✓
AVOID7	Which types of food never eat: Salad vegetables (e.g. lettuce, cucumber, tomato)	Indiv	✓	✓	✓
AVOID8	Which types of food never eat: Cooked green vegetables (e.g. spinach, cabbage, peas, broccoli)	Indiv	✓	✓	✓
AVOID9	Which types of food never eat: Root vegetables (e.g. carrots, parsnips)	Indiv	✓	✓	✓
AVOID10	Which types of food never eat: Fresh fruit	Indiv	✓	✓	✓
AVOID11	Which types of food never eat: Nuts	Indiv	✓	✓	✓
AVOID12	Which types of food never eat: Offal	Indiv	✓	✓	✓
AVOID13	Which types of food never eat: Other	Indiv	✓	✓	✓
DIETWL	Whether currently dieting to lose weight	Indiv	✓	✓	✓
VEG	Vegetarian or vegan	Indiv	✓	✓	✓
VEGECHK	Vegetarian check	Indiv	✓	✓	✓
VEGANCHK	Vegan check	Indiv	✓	✓	✓
VEGETARN	(D) Vegetarian, vegan or neither	Derived	✓	✓	✓
WSHNPOT	Eat skin of new potatoes	Indiv	✓	✓	✓
WSHPOT	Eat skin of other potatoes	Indiv	✓	✓	✓
EATPEEL1	Eating of peel in different food types: ... marmalade, jams or chutneys?	Indiv	✓	✓	✓
EATPEEL2	Eating of peel in different food types:...cakes, biscuits etc?	Indiv	✓	✓	✓
EATPEEL3	Eating of peel in different food types: ... home made food/drink e.g. purees, soups, blended drinks etc?	Indiv	✓	✓	✓
EATPEEL4	Eating of peel in different food types: None of these	Indiv	✓	✓	✓
PEEL0	None of these	Indiv	✓	✓	✓
PEEL1	Orange	Indiv	✓	✓	✓
PEEL2	Lemon	Indiv	✓	✓	✓

PEEL3	Kiwi fruit	Indiv	✓	✓	✓
PEEL4	Grapefruit	Indiv	✓	✓	✓
PEEL5	Mango	Indiv	✓	✓	✓
PEEL6	Banana	Indiv	✓	✓	✓
PEEL7	Lime	Indiv	✓	✓	✓
PEEL8	Pineapple	Indiv	✓	✓	✓
PEEL9	Soft citrus fruit (satsumas/ mandarins/ clementines)	Indiv	✓	✓	✓
PEEL10	Melon	Indiv	✓	✓	✓
PEELOFT	How often eat peel or skin of an orange	Indiv	✓	✓	✓
PEELAMT	How much orange peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT2	How often eat peel or skin of a lemon	Indiv	✓	✓	✓
PEELAMT2	How much lemon peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT3	How often eat peel or skin of a kiwi fruit	Indiv	✓	✓	✓
PEELAMT3	How much kiwi fruit peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT4	How often eat peel or skin of a grapefruit	Indiv	✓	✓	✓
PEELAMT4	How much grapefruit peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT5	How often eat peel or skin of a mango	Indiv	✓	✓	✓
PEELAMT5	How much mango peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT6	How often eat peel or skin of a banana	Indiv	✓	✓	✓
PEELAMT6	How much banana peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT7	How often eat peel or skin of a lime	Indiv	✓	✓	✓
PEELAMT7	How much lime peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT8	How often eat peel or skin of a pineapple	Indiv	✓	✓	✓
PEELAMT8	How much pineapple peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT9	How often eat peel or skin of soft citrus fruit	Indiv	✓	✓	✓
PEELAMT9	How much soft citrus fruit peel or skin do you eat	Indiv	✓	✓	✓
PEELOFT10	How often eat peel or skin of a melon	Indiv	✓	✓	✓
PEELAM10	How much melon peel or skin do you eat	Indiv	✓	✓	✓
WASHFRU	Wash fruit with skin/peel on before eating/cooking	Indiv	✓	✓	✓
WASHVEG	Wash raw veg before eating	Indiv	✓	✓	✓

GENERAL HEALTH

General health

Variable	Description	Source	Year 9	Year 10	Year 11
CUTDOWN	Cut down on activities in last 2 weeks	Indiv	✓	✓	✓
NDAYCUTD	How many days cut down on activities in last 2 weeks, including Saturdays and Sundays?	Indiv	✓	✓	✓

Self-assessed health

Variable	Description	Source	Year 9	Year 10	Year 11
GENHELF	Self assessed general health	Indiv	✓	✓	✓

Longstanding illness

Variable	Description	Source	Year 9	Year 10	Year 11
heacon	Whether have any physical/mental health condition/illnesses for 12 months or more	Indiv	✓	✓	✓
heaaff1	Condition/illness affects: Vision	Indiv	✓	✓	
heaaff2	Condition/illness affects: Hearing	Indiv	✓	✓	
heaaff3	Condition/illness affects: Mobility	Indiv	✓	✓	
heaaff4	Condition/illness affects: Learning/concentration	Indiv	✓	✓	
heaaff5	Condition/illness affects: Mental health	Indiv	✓	✓	
heaaff6	Condition/illness affects: Stamina/breathing difficulties	Indiv	✓	✓	
heaaff7	Condition/illness affects: Social/behaviour	Indiv	✓	✓	
heaaff8	Condition/illness affects: Other impairment	Indiv	✓	✓	
heaaff9	Condition/illness affects: None of these	Indiv	✓	✓	
HeaAff1y11	Condition/illness affects: Vision	Indiv			✓
HeaAff2y11	Condition/illness affects: Hearing	Indiv			✓
HeaAff3y11	Condition/illness affects: Mobility	Indiv			✓
HeaAff4y11	Condition/illness affects: Dexterity	Indiv			✓
HeaAff5y11	Condition/illness affects: Learning/Concentration	Indiv			✓
HeaAff6y11	Condition/illness affects: Memory	Indiv			✓
HeaAff7y11	Condition/illness affects: Mental health	Indiv			✓
HeaAff8y11	Condition/illness affects: Stamina/breathing difficulties	Indiv			✓

HeaAff9y11	Condition/illness affects: Social/behaviour	Indiv			✓
HeaAff10y11	Condition/illness affects: Other impairment	Indiv			✓
HeaAff11y11	Condition/illness affects: None of these	Indiv			✓
conred	Whether condition/illness reduces day-to-day activities	Indiv	✓	✓	✓
timeaff	Length of time day-to-day activities have been affected	Indiv	✓	✓	✓
limshop	Ability to shop limited or prevented due to illness	Indiv	✓	✓	✓
limshph1	Limited/prevented from shopping: Difficulties with walking	Indiv	✓	✓	✓
limshph2	Limited/prevented from shopping: Problems with sight	Indiv	✓	✓	✓
limshph3	Limited/prevented from shopping: Cannot carry (heavy) shopping	Indiv	✓	✓	✓
limshph4	Limited/prevented from shopping: Gets tired easily	Indiv	✓	✓	✓
limshph5	Limited/prevented from shopping: Other difficulties	Indiv	✓	✓	✓
limprep	Ability to prepare food limited or prevented due to illness	Indiv	✓	✓	✓
limprph1	Limited/prevented from preparing food: Difficulties with hands (e.g. chopping, peeling, lifting)	Indiv	✓	✓	✓
limprph2	Limited/prevented from preparing food: Difficulties with walking	Indiv	✓	✓	✓
limprph3	Limited/prevented from preparing food: Difficulties with standing	Indiv	✓	✓	✓
limprph4	Limited/prevented from preparing food: Problems with sight	Indiv	✓	✓	✓
limprph5	Limited/prevented from preparing food: Chronic ill-health (e.g. MS, depression)	Indiv	✓	✓	✓
limprph6	Limited/prevented from preparing food: Gets tired easily	Indiv	✓	✓	✓
limprph7	Limited/prevented from preparing food: Other difficulties	Indiv	✓	✓	✓

Mental Health

Variable	Description	Source	Year 9	Year 10	Year 11
satlife	How satisfied are you with your life nowadays?	Indiv	✓	✓	✓
lifwor	To what extent do you feel that the things you do in your life are worthwhile?	Indiv	✓	✓	✓
hapyes	How happy did you feel yesterday?	Indiv	✓	✓	✓
anxyes	How anxious did you feel yesterday?	Indiv	✓	✓	✓

Prescribed medicines: General

Variable	Description	Source	Year 9	Year 10	Year 11
MEDCNJD	Whether taking prescribed medicines	Nurse	✓	✓	✓
STATINS	Taking statins without a prescription	Nurse	✓	✓	✓
STATINA	Have you taken/used any statins in the last 7 days?	Nurse	✓	✓	✓

MEDBIA to MEDBIA21*	Whether medicine taken/used in last 7 days	Nurse	✓	✓	✓
MEDBI01 to MEDBI22*	Code for medicine prescribed by doctor	Nurse	✓	✓	✓
NUMMEDS	Number of medicines	Nurse	✓	✓	✓

Prescribed medicines: Drugs affecting blood analytes					
Variable	Description	Source	Year 9	Year 10	Year 11
DIUR2	(D) Diuretics prescribed (Blood pressure) {revised}	Derived	✓	✓	✓
BETA2	(D) Beta blockers prescribed (Blood pressure/Fibrinogen) {revised}	Derived	✓	✓	✓
ACEINH2	(D) Ace inhibitors prescribed (Blood pressure) {revised}	Derived	✓	✓	✓
CALCIUMB2	(D) Calcium blockers prescribed (Blood pressure) {revised}	Derived	✓	✓	✓
OBPDRUG2	(D) Other prescribed drugs affecting BP {revised}	Derived	✓	✓	✓
LIPID2	(D) Lipid lowering (Cholesterol/Fibrinogen) prescribed {revised}	Derived	✓	✓	✓
IRON2	(D) Iron deficiency (Haemoglobin/Ferritin) prescribed {revised}	Derived	✓	✓	✓
BPMEDC2	(D) Whether taking drugs affecting blood pressure {revised}	Derived	✓	✓	✓
BPMEDD2	(D) Diuretics prescribed (Blood pressure) {revised}	Derived	✓	✓	✓
antiplam2	(D) Antiplatelets prescribed (binary)	Derived	✓	✓	✓
analgm2	(D) Analgesics prescribed (binary)	Derived	✓	✓	✓
protonm2	(D) Proton pump inhibitors prescribed (binary)	Derived	✓	✓	✓
antidepm2	(D) Antidepressants prescribed (binary)	Derived	✓	✓	✓
copdm2	(D) Asthma or COPD prescribed (binary)	Derived	✓	✓	✓
antidiabm2	(D) Antidiabetic prescribed (binary)	Derived	✓	✓	✓
antibacm2	(D) Antibacterial medications prescribed (binary)	Derived	✓	✓	✓
antiplam2	(D) Antiplatelets prescribed (binary)	Derived	✓	✓	✓

Prescribed medicines: Reasons for taking medicines					
Variable	Description	Source	Year 9	Year 10	Year 11
YTAKE11 to YTAKE76*	Take drug because of heart problem/high blood pressure/other reason	Nurse	✓	✓	✓

Sleep time					
Variable	Description	Source	Year 9	Year 10	Year 11
SLPWKH	How long usually sleep on week nights - hours (adults)	Indiv	✓	✓	✓
SLPWKM	How long usually sleep on week nights - minutes (adults)	Indiv	✓	✓	✓
SLPWKEH	How long usually sleep on weekend nights - hours (adults)	Indiv	✓	✓	✓
SLPWKEM	How long usually sleep on weekend nights - minutes (adults)	Indiv	✓	✓	✓

ORAL HEALTH

Oral health					
Variable	Description	Source	Year 9	Year 10	Year 11
ANYOWN	Any of own teeth	Indiv	✓	✓	✓
DENTUSE	Whether uses a denture	Indiv	✓	✓	✓
CHEW	How well able to chew food	Indiv	✓	✓	✓
diffeat1	Difficulty eating: Sliced bread	Indiv	✓	✓	✓
diffeat2	Difficulty eating: Crusty bread	Indiv	✓	✓	✓
diffeat3	Difficulty eating: Cheese	Indiv	✓	✓	✓
diffeat4	Difficulty eating: Tomatoes	Indiv	✓	✓	✓
diffeat5	Difficulty eating: Raw carrots	Indiv	✓	✓	✓
diffeat6	Difficulty eating: Cooked green vegetables	Indiv	✓	✓	✓
diffeat7	Difficulty eating: Lettuce	Indiv	✓	✓	✓
diffeat8	Difficulty eating: Sliced cooked meats	Indiv	✓	✓	✓
diffeat9	Difficulty eating: Well-cooked steaks	Indiv	✓	✓	✓
diffea10	Difficulty eating: Apples	Indiv	✓	✓	✓
diffea11	Difficulty eating: Oranges	Indiv	✓	✓	✓
diffea12	Difficulty eating: Nuts	Indiv	✓	✓	✓
diffea13	Difficulty eating: None of these	Indiv	✓	✓	✓
eatfood	Can you only eat soft or mashed foods or can you eat other foods as well?	Indiv	✓	✓	✓

SMOKING

Adult general

Variable	Description	Source	Year 9	Year 10	Year 11
SMKEVR	Whether ever smoked cigarette/cigar/pipe (c+sc)	Indiv/SC YP	✓	✓	
SmokEve2	Whether ever smoked cigarettes (even a puff or two) c	Indiv/SC YP			✓
CIGEVR	Whether ever smoked cigarettes (c+sc)	Indiv/SC YP	✓	✓	
CIGAG	Age first smoke (c+sc)	Indiv/SC YP	✓	✓	
CIGNOW	Whether smoke cigarettes nowadays (c+sc)	Indiv/SC YP	✓	✓	
CIGREGU	How frequently used to smoke (c+sc)	Indiv/SC YP	✓	✓	
CIGSTA3	(D) Cigarette smoking status: current/ex-reg/never-reg	Derived	✓	✓	
CIGSTA3_11	(D) Cigarette Smoking Status: Current/Ex-Reg/Never-Reg	Derived			✓
CIGST2	(D) Cigarette smoking status – banded current smokers	Derived	✓	✓	
CIGST2_11	(D) Cigarette Smoking Status - Banded current smokers	Derived			✓

Adult current smokers

Variable	Description	Source	Year 9	Year 10	Year 11
CGWDAY	Number cigarettes smoke on weekday (c+sc)	Indiv/SC YP	✓	✓	
CGWEND	Number cigarettes smoke on weekend day (c+sc)	Indiv/SC YP	✓	✓	
CigDay	Number cigarettes smoke per day c	Indiv/SC YP			✓
CIGTYP	Type of cigarette smoked (c+sc)	Indiv/SC YP	✓	✓	
CIGDYAL	(D) Number of cigarettes smoke a day – inc. non-smokers	Derived	✓	✓	
CIGDYAL_11	(D) Number of cigarettes smoke a day - inc. non-smokers	Derived			✓

Adult ex-smokers

Variable	Description	Source	Year 9	Year 10	Year 11
CGUSED	Number cigarettes used to smoke in a day (c+sc)	Indiv/SC YP	✓	✓	
CIGSTO	How long ago stopped smoking (c+sc)	Indiv/SC YP	✓	✓	

Children 8-15					
Variable	Description	Source	Year 9	Year 10	Year 11
KCIGEVN	Whether ever smoked cigarettes (8-15s)	SC 8-15	✓	✓	
KCIGAGE	Age first smoked a cigarette (8-15s)	SC 8-15	✓	✓	
KCIGREG	Frequency and amount smoked (8-15s)	SC 8-15	✓	✓	
KCIGWEEK	Whether smoked in previous week (8-15s)	SC 8-15	✓	✓	
KCIGNUM	Number of cigarettes smoked last week (8-15s)	SC 8-15	✓	✓	
KCIGREGG	(D) Frequency of cigarette smoking (8-15s) (grouped)	Derived	✓	✓	

DRINKING

Adults general

Variable	Description	Source	Year 9	Year 10	Year 11
DNNOW	Whether drink nowadays	Indiv/SC YP	✓	✓	
DRINKINT	Whether drink nowadays c	Indiv/SC YP			✓
DNANY	Whether drinks occasionally or never drinks	Indiv/SC YP	✓	✓	
DNEVR	Whether always non-drinker	Indiv/SC YP	✓	✓	
DNAGE	Age first had alcohol	Indiv/SC YP	✓	✓	
DNOFT	Frequency drank any alcoholic drink last 12 mths	Indiv/SC YP	✓	✓	
DRAMOUNT	How much drink compared to 5 years ago	Indiv	✓	✓	
DNOFT3	(D) Frequency drink alcohol in past 12 months: including non-drinkers	Derived	✓	✓	
DNOFT3_11	(D) Frequency drink alcohol in past 12 months: including non-drinkers (16yrs+)	Derived			✓

Adults 7 days

Variable	Description	Source	Year 9	Year 10	Year 11
D7DAY	Whether had drink in last 7 days	Indiv/SC YP	✓	✓	
D7MANY	How many days in last 7 had a drink	Indiv/SC YP	✓	✓	
DRNKSAME	Drink more on one+ days/same each day	Indiv	✓	✓	
WHICHDAY	Which day drank last/most in last 7 days	Indiv	✓	✓	
D7TYP1	Heaviest day: Normal Beer	Indiv/SC YP	✓	✓	
D7TYP2	Heaviest day: Strong Beer	Indiv/SC YP	✓	✓	
D7TYP3	Heaviest day: Spirits	Indiv/SC YP	✓	✓	
D7TYP4	Heaviest day: Sherry	Indiv/SC YP	✓	✓	
D7TYP5	Heaviest day: Wine	Indiv/SC YP	✓	✓	
D7TYP6	Heaviest day: Alcopops	Indiv/SC YP	✓	✓	
NBRL71	Heaviest day normal beer: Half pints	Indiv	✓	✓	
NBRL72	Heaviest day normal beer: Small cans	Indiv	✓	✓	
NBRL73	Heaviest day normal beer: Large cans	Indiv	✓	✓	
NBRL74	Heaviest day normal beer: Bottles	Indiv	✓	✓	

NBERQPT7	Amount normal beer (pints) on heaviest day	SC YP	✓	✓	
NBERQHP7	Amount normal beer (half pints) on heaviest day	Indiv	✓	✓	
NBERQSM7	Amount normal beer (small cans/bottles) on heaviest day	Indiv/SC YP	✓	✓	
NBERQLG7	Amount normal beer (large cans/bottles) on heaviest day	Indiv/SC YP	✓	✓	
NBERQBT7	Amount normal beer (bottles) on heaviest day	Indiv	✓	✓	
L7NCODEQ	Normal beer bottle size (pints) on heaviest day	Indiv	✓	✓	
SBRL71	Heaviest day strong beer: Half pints	Indiv	✓	✓	
SBRL72	Heaviest day strong beer: Small cans	Indiv	✓	✓	
SBRL73	Heaviest day strong beer: Large cans	Indiv	✓	✓	
SBRL74	Heaviest day strong beer: Bottles	Indiv	✓	✓	
SBERQPT7	Amount strong beer (pints) on heaviest day	SC YP	✓	✓	
SBERQHP7	Amount strong beer (half pints) on heaviest day	Indiv	✓	✓	
SBERQSM7	Amount strong beer (small cans/bottles) on heaviest day	Indiv/SC YP	✓	✓	
SBERQLG7	Amount strong beer (large cans/bottles) on heaviest day	Indiv/SC YP	✓	✓	
SBERQBT7	Amount strong beer (bottles) on heaviest day	Indiv	✓	✓	
L7SCODEQ	Strong beer bottle size (pints) on heaviest day	Indiv	✓	✓	
SPIRQME7	Amount spirits (measures) on heaviest day	Indiv/SC YP	✓	✓	
SHERQGS7	Amount sherry (glasses) on heaviest day	Indiv/SC YP	✓	✓	
WGLS250ML	Amount wine (250ml glasses) on heaviest day	Indiv/SC YP	✓	✓	
WGLS175ML	Amount wine (175ml glasses) on heaviest day	Indiv/SC YP	✓	✓	
WGLS125ML	Amount wine (125ml glasses) on heaviest day	Indiv/SC YP	✓	✓	
WBTLGZ	Amount 125ml glasses from a bottle on heaviest day	Indiv/SC YP	✓	✓	
POPSQSM7	Amount alcopops (small cans/bottles) on heaviest day	Indiv/SC YP	✓	✓	
D7MANY3	(D) Number of days drank in last week, including none	Derived	✓	✓	
D7UNITWG	(D) Units drunk on heaviest day in last 7	Derived	✓	✓	
D7UNITWGRP	(D) Units drunk on heaviest day in last 7 (grouped)	Derived	✓	✓	
WDRINK07B	(D) Women number of units drunk on heaviest day in last 7	Derived	✓	✓	
MDRINK07B	(D) Men number of units drunk on heaviest day in last 7	Derived	✓	✓	
ALCLIMIT07B	(D) Alcohol units – limits based on (variable d7unitwgrp) units per day	Derived	✓	✓	

Children 8-15

Variable	Description	Source	Year 9	Year 10	Year 11
DrinkYP	Ever had a proper alcoholic drink (aged 8-15)	SC 8-15			✓
ADRPROP	Ever had proper alcoholic drink (aged 8-15)	SC 8-15	✓		
ADRPOPS	Ever had alcopops (aged 8-15)	SC 8-15	✓		
ALCOPOPS	Have you ever drunk alcopops (such as Bacardi Breezer, Smirnoff Ice, WKD, Reef etc)?	SC 8-15			✓
ADRINKAG	Age first alcoholic drink (aged 8-15)	SC 8-15	✓		
ADRINKOF	How often alcoholic drink (aged 8-15)	SC 8-15	✓		
DRINKOF2	How often do you usually have an alcoholic drink or alcopop?	SC 8-15			✓
ADRLAST	When last had alcoholic drink (aged 8-15)	SC 8-15	✓		
AEVDRINK	(D) Ever had proper alcoholic drink, including alcopops (aged 8-15)	Derived	✓		
AEVDRINK_11	(D) Ever had proper alcoholic drink, including alcopops (aged 8-15)	Derived			✓
ADRFREQ	(D) Frequency of drinking alcohol, including non-drinkers (aged 8-15)	Derived	✓		
ADRFREQ_11	(D) Frequency of drinking alcohol, including non-drinkers (aged 8-15)	Derived			✓
ADFREWK	(D) Frequency of drinking, 5 cats (aged 8-15)	Derived	✓		
ADFREWK_11	(D) Frequency of drinking alcohol (aged 8-15)	Derived			✓

Children 13-15

Variable	Description	Source	Year 9	Year 10	Year 11
ABER2W	Have drunk beer in last 7 days	SC 13-15	✓	✓	
ABER2QPT	Pints beer drunk in last 7 days	SC 13-15	✓	✓	
ABER2QLC	Large cans/bottles of beer drunk in last 7 days	SC 13-15	✓	✓	
ABER2QSM	Small cans/bottles of beer drunk in last 7 days	SC 13-15	✓	✓	
ASPIRW	Have drunk spirits or liqueurs in last 7 days	SC 13-15	✓	✓	
ASPIRQGS	Glasses of spirits/liqueurs drunk in last 7 days	SC 13-15	✓	✓	
ASHERW	Have drunk sherry or martini in last 7 days	SC 13-15	✓	✓	
ASHERQGS	Glasses of sherry/martini drunk in last 7 days	SC 13-15	✓	✓	
AWINEW	Have drunk wine in last 7 days	SC 13-15	✓	✓	
AWINEQGS	Glasses of wine drunk in last 7 days	SC 13-15	✓	✓	
APOPSW	Have drunk alcopops in last 7 days	SC 13-15	✓	✓	
APOPSQLC	Large cans/bottles of alcopop drunk in last 7 days	SC 13-15	✓	✓	
APOPSQSM	Small cans/bottles of alcopop drunk in last 7 days	SC 13-15	✓	✓	

ANTHROPOMETRIC MEASUREMENTS

Demispan admin

Variable	Description	Source	Year 9	Year 10	Year 11
RespDS	Consent to demispan measurement	Nurse	✓	✓	✓
MEASDS	(D) Demispan measured	Derived	✓	✓	✓
SPANOK	(D) Whether demi span measurements are valid	Derived	✓	✓	✓
SPANOK1	(D) Valid demispan grouped	Derived	✓	✓	✓
NOTATTM1	No demispan: Cannot straighten arms	Nurse	✓	✓	✓
NOTATTM2	No demispan: Respondent confined to bed	Nurse	✓	✓	✓
NOTATTM3	No demispan: Respondent too stooped	Nurse	✓	✓	✓
NOTATTM4	No demispan: Respondent did not understand procedure	Nurse	✓	✓	✓
NOTATTM5	No demispan: Other reason	Nurse	✓	✓	✓
SPNM1	Demispan measurement standing against the wall	Nurse	✓	✓	✓
SPNM2	Demispan measurement standing not against the wall	Nurse	✓	✓	✓
SPNM3	Demispan measurement sitting	Nurse	✓	✓	✓
SPNM4	Demispan measurement lying down	Nurse	✓	✓	✓
SPNM5	Demispan measurement on left arm due to unsuitable right arm	Nurse	✓	✓	✓

Height/weight/infant length admin

Variable	Description	Source	Year 9	Year 10	Year 11
LGTHINT	Response to infant length measurement	Nurse	✓	✓	✓
MEASINL	(D) Infant length measured	Derived	✓	✓	✓
LTOK	(D) Whether infant length measure is valid	Derived	✓	✓	✓
LGTHREL	Reliability of infant length measurement	Nurse	✓	✓	✓
NOATTL	Reason for refusal to infant length measurement	Nurse	✓	✓	✓
MEASHEIG	(D) Height measured	Derived	✓	✓	✓
HTOK	(D) Whether height measure is valid	Derived	✓	✓	✓
PREGNOWB	Whether pregnant or breastfeeding at present	Indiv	✓	✓	✓

RESPHTS	Response to height measurement	Indiv	✓	✓	✓
RELHITE	Reliability of height measurement	Indiv	✓	✓	✓
HINREL	Reason for unreliable height measurement	Indiv	✓	✓	✓
RESNHI	Refusal of height measurement	Indiv	✓	✓	✓
NOHTBC1	No height: Child away from home during fieldwork period	Indiv	✓	✓	✓
NOHTBC2	No height: Respondent unsteady on feet	Indiv	✓	✓	✓
NOHTBC3	No height: Respondent cannot stand upright/too stooped	Indiv	✓	✓	✓
NOHTBC4	No height: Respondent is chairbound	Indiv	✓	✓	✓
NOHTBC5	No height: Respondent confined to bed	Indiv	✓	✓	✓
NOHTBC6	No height: Respondent unable to remove shoes	Indiv	✓	✓	✓
NOHTBC7	No height: Child would not stand still	Indiv	✓	✓	✓
NOHTBC8	No height: Respondent ill or in pain	Indiv	✓	✓	✓
NOHTBC9	No height: Stadiometer faulty or not available	Indiv	✓	✓	✓
NOHTBC10	No height: Child asleep	Indiv	✓	✓	✓
NOHTBC11	No height: Other reason	Indiv	✓	✓	✓
MEASWEIG	(D) Weight measured	Derived	✓	✓	✓
WTOK	(D) Whether weight measure is valid	Derived	✓	✓	✓
RESPWTS	Response to weight measurement	Indiv	✓	✓	✓
FLOORC1	Scales placed on uneven floor	Indiv	✓	✓	✓
FLOORC2	Scales placed on carpet	Indiv	✓	✓	✓
FLOORC3	Scales placed neither on uneven floor nor carpet	Indiv	✓	✓	✓
RELWAITB	Reliability of weight measurement	Indiv	✓	✓	✓
RESNWT	Refusal of weight measurement	Indiv	✓	✓	✓
NOWTBC1	No weight: Child away from home during fieldwork period	Indiv	✓	✓	✓
NOWTBC2	No weight: Respondent unsteady on feet	Indiv	✓	✓	✓
NOWTBC3	No weight: Respondent cannot stand upright	Indiv	✓	✓	✓
NOWTBC4	No weight: Respondent is chairbound	Indiv	✓	✓	✓
NOWTBC5	No weight: Respondent confined to bed	Indiv	✓	✓	✓
NOWTBC6	No weight: Respondent unable to remove shoes	Indiv	✓	✓	✓
NOWTBC7y6	No weight: Respondent weighs more than 250kg	Indiv	✓		
NOWTBC8	No weight: Respondent ill or in pain	Indiv	✓	✓	✓
NOWTBC9	No weight: Scales faulty or not available	Indiv	✓	✓	✓
NOWTBC10	No weight: Parent unable to hold child	Indiv	✓	✓	✓
NOWTBC11	No weight: Child asleep	Indiv	✓	✓	✓

NOWTBC12	No weight: Other reason	Indiv	✓	✓	✓
BMIOK	(D) Whether bmi measure is valid	Derived	✓	✓	✓

Waist/hip admin

Variable	Description	Source	Year 9	Year 10	Year 11
MEASWH	(D) Waist/Hip measured	Derived	✓	✓	✓
WSTOKB	(D) Whether waist measurements are valid	Derived	✓	✓	✓
HIPOKB	(D) Whether hip measurements are valid	Derived	✓	✓	✓
WHOKB	(D) Whether waist/hip measure is valid	Derived	✓	✓	✓
MEASWC	(D) Waist circumference measured	Derived	✓	✓	✓
RESPWH	Response to waist/hip measurement	Nurse	✓	✓	✓
YNOWH	Reason why no waist/hip measurement	Nurse	✓	✓	✓
WHPNABM1	No waist/hip: Respondent is chair bound	Nurse	✓	✓	✓
WHPNABM2	No waist/hip: Respondent is confined to bed	Nurse	✓	✓	✓
WHPNABM3	No waist/hip: Respondent is too stooped	Nurse	✓	✓	✓
WHPNABM4	No waist/hip: Respondent did not understand the procedure	Nurse	✓	✓	✓
WHPNABM5	No waist/hip: Other reason	Nurse	✓	✓	✓
WJREL	Whether problems with waist measurement	Nurse	✓	✓	✓
PROBWJ	Problems likely to increase/decrease waist measurement	Nurse	✓	✓	✓
HJREL	Whether problems with hip measurement	Nurse	✓	✓	✓
PROBHJ	Problems likely to increase/decrease hip measurement	Nurse	✓	✓	✓

Measurements

Variable	Description	Source	Year 9	Year 10	Year 11
LENGTH	Infant length (cm) – incl unreliable measurements	Nurse	✓	✓	✓
LGTHVAL	(D) Valid infant length measurement (cm)	Derived	✓	✓	✓
HEIGHT	Height (cm) – incl unreliable measurements	Indiv	✓	✓	✓
HTVAL2 ⁹	(D) Valid height measurement(cm) – top coded at 188+	Derived	✓	✓	✓
WEIGHT	Weight (kg) – incl unreliable measurements	Indiv	✓	✓	✓
WTVAL2	(D) Valid weight measurement(Kg) – top coded at 120+	Derived	✓	✓	✓
BMI2	(D) BMI - inc unreliable measurements – top coded at 44+	Derived	✓	✓	✓

⁹ Some height and weight measurements are top coded to reduce disclosivity

BMIVAL2	(D) Valid BMI – top coded at 44+	Derived	✓	✓	✓
BMIVG5	(D) Adults valid BMI grouped (<18.5,18.5-25,25-30,30-40 40+)	Derived	✓	✓	✓
BMIWHO	(D) WHO 2007 BMI standards children aged 2-3 (85th/95th centile)	Derived	✓	✓	✓
BMICAT418	(D) Age 4y-18.9y Children's BMI standards (85th/95th centile) using UK90	Derived	✓	✓	✓
BMICAT218	(D) Age 2y-18.9y BMI WHO(85th/95th centile) for 2-3.11 UK90 for 4-18y	Derived	✓	✓	✓
SPANVAL	(D) Valid Mean span (cm)	Derived	✓	✓	✓
SPANHT	(D) Height equivalent of demi span	Derived	✓	✓	✓
WSTVAL	(D) Valid Mean Waist (cm)	Derived	✓	✓	✓
HIPVAL	(D) Valid Mean Hip (cm)	Derived	✓	✓	✓
WHVAL	(D) Valid Mean Waist/Hip ratio	Derived	✓	✓	✓
MENWHGP	(D) Male waist hip ratio groups – 16+	Derived	✓	✓	✓
MENWHHI	(D) Male high waist hip ratio – 16+ (≥ 0.95)	Derived	✓	✓	✓
WOMWHGP	(D) Female waist hip ratio groups – 16+	Derived	✓	✓	✓
WOMWHHI	(D) Female high waist hip ratio – 16+ (≥ 0.85)	Derived	✓	✓	✓
MENWHGP2	(D) Male waist hip ratio groups – 16+	Derived	✓	✓	✓
MENWHHI2	(D) Male high waist hip ratio – 16+ (≥ 0.95)	Derived	✓	✓	✓
WOMWHGP2	(D) Female waist hip ratio groups – 16+	Derived	✓	✓	✓
WOMWHHI2	(D) Female high waist hip ratio – 16+ (≥ 0.85)	Derived	✓	✓	✓
MWSTHI	(D) Male high waist circumference ($>102\text{cm}$)	Derived	✓	✓	✓
FWSTHI	(D) Female high waist circumference ($>88\text{cm}$)	Derived	✓	✓	✓

RPAQ (Recent physical activity questionnaire)

Home activities

Variable	Description	Source	Year 9	Year 10	Year 11
GETTINGABOUT	Form of transport used most often in last 4 weeks (excl to/from work)	SC 16+	✓	✓	✓
MEDIAWEEKDAYPRE6PM	TV, DVD or video viewing on a weekday before 6pm	SC 16+	✓	✓	✓
MEDIAWEEKDAYPOST6PM	TV, DVD or video viewing on a weekday after 6pm	SC 16+	✓	✓	✓
MEDIAWEEKENDPRE6PM	TV, DVD or video viewing on a weekend day before 6pm	SC 16+	✓	✓	✓
MEDIAWEEKENDPOST6PM	TV, DVD or video viewing on a weekend day after 6pm	SC 16+	✓	✓	✓
COMPUTERWEEKDAYPRE6PM	Computer use at home on a weekday before 6pm	SC 16+	✓	✓	✓
COMPUTERWEEKDAYPOST6PM	Computer use at home on a weekday after 6pm	SC 16+	✓	✓	✓
COMPUTERWEEKENDPRE6PM	Computer use at home on a weekend day before 6pm	SC 16+	✓	✓	✓
COMPUTERWEEKENDPOST6PM	Computer use at home on a weekend day after 6pm	SC 16+	✓	✓	✓
STAIRWEEKDAY	Stair climbing at home on a weekday	SC 16+	✓	✓	✓
STAIRWEEKEND	Stair climbing at home on a weekend day	SC 16+	✓	✓	✓

Activity at work/school/college

Variable	Description	Source	Year 9	Year 10	Year 11
PAIDEMPLOYMENT	Been in employment in last 4 weeks	SC 16+	✓	✓	✓
WORK1WKAGO	Hours worked: in last week	SC 16+	✓	✓	✓
WORK2WKAGO	Hours worked: 2 weeks ago	SC 16+	✓	✓	✓
WORK3WKAGO	Hours worked: 3 weeks ago	SC 16+	✓	✓	✓
WORK4WKAGO	Hours worked: 4 weeks ago	SC 16+	✓	✓	✓
WORKTYPE	Type of work	SC 16+	✓	✓	✓

Travel to work/school/college

Variable	Description	Source	Year 9	Year 10	Year 11
WRKMILES	Distance from home to work (miles)	SC 16+	✓	✓	✓
WRKKMS	Distance from home to work (km)	SC 16+	✓	✓	✓
WRKTIMESPERWEEK	Number of times travel to work (outward only)	SC 16+	✓	✓	✓

WRKBYCAR	Normally travel to work by car	SC 16+	✓	✓	✓
WRKBYPUBTRAN	Normally travel to work by works or public transport	SC 16+	✓	✓	✓
WRKBYBIKE	Normally travel to work by bicycle	SC 16+	✓	✓	✓
WRKBYFOOT	Normally travel to work walking	SC 16+	✓	✓	✓

Leisure activities					
Variable	Description	Source	Year 9	Year 10	Year 11
SWIMCOMP	Swimming competitive - number of times in last 4 weeks	SC 16+	✓	✓	✓
SWIMCOMPHR	Swimming competitive - average time (hours)	SC 16+	✓	✓	✓
SWIMCOMPMIN	Swimming competitive - average time (minutes)	SC 16+	✓	✓	✓
SWIMLEIS	(D) Swimming leisurely (indoor & outdoor) - number of times in last 4 weeks	Derived	✓	✓	✓
SWIMLEISHR	(D) Swimming leisurely (indoor & outdoor) - average time (hours)	Derived	✓	✓	✓
SWIMLEISMIN	(D) Swimming leisurely (indoor & outdoor) - average time (minutes)	Derived	✓	✓	✓
SWIMINNO	Swimming leisurely indoor - number of times in last 4 weeks	SC 16+	✓	✓	✓
SWIMINTH	Swimming leisurely indoor - average time (hours)	SC 16+	✓	✓	✓
SWIMINTM	Swimming leisurely indoor - average time (minutes)	SC 16+	✓	✓	✓
SWIMOTNO	Swimming leisurely outdoor - number of times in last 4 weeks	SC 16+	✓	✓	✓
SWIMOTTH	Swimming leisurely outdoor - average time (hours)	SC 16+	✓	✓	✓
SWIMOTTM	Swimming leisurely outdoor - average time (minutes)	SC 16+	✓	✓	✓
BACKPACKMOUNTAINCLIMB	Backpacking or mountain climbing - number of times in last 4 weeks	SC 16+	✓	✓	✓
BACKPACKMOUNTAINCLIMBHR	Backpacking or mountain climbing - average time (hours)	SC 16+	✓	✓	✓
BACKPACKMOUNTAINCLIMBMIN	Backpacking or mountain climbing - average time (minutes)	SC 16+	✓	✓	✓
WALKPLEASURE	Walking for pleasure - number of times in last 4 weeks	SC 16+	✓	✓	✓
WALKPLEASUREHR	Walking for pleasure - average time (hours)	SC 16+	✓	✓	✓
WALKPLEASUREMIN	Walking for pleasure - average time (minutes)	SC 16+	✓	✓	✓
CYCLINGRACINGROUGH	Racing or rough terrain cycling - number of times in last 4 weeks	SC 16+	✓	✓	✓
CYCLINGRACINGROUGHHR	Racing or rough terrain cycling - average time (hours)	SC 16+	✓	✓	✓
CYCLINGRACINGROUGHMIN	Racing or rough terrain cycling - average time (minutes)	SC 16+	✓	✓	✓
CYCLEPLEASURE	Cycling for pleasure - number of times in last 4 weeks	SC 16+	✓	✓	✓
CYCLEPLEASUREHR	Cycling for pleasure - average time (hours)	SC 16+	✓	✓	✓
CYCLEPLEASUREMIN	Cycling for pleasure - average time (minutes)	SC 16+	✓	✓	✓
MOWING	Mowing the lawn - number of times in last 4 weeks	SC 16+	✓	✓	✓
MOWINGHR	Mowing the lawn - average time (hours)	SC 16+	✓	✓	✓
MOWINGMIN	Mowing the lawn - average time (minutes)	SC 16+	✓	✓	✓

WATERLAWN	Watering lawn or garden - number of times in last 4 weeks	SC 16+	✓	✓	✓
WATERLAWNHR	Watering lawn or garden - average time (hours)	SC 16+	✓	✓	✓
WATERLAWNMIN	Watering lawn or garden - average time (minutes)	SC 16+	✓	✓	✓
HEAVYGARDENING	Digging, shovelling, chopping wood - number of times in last 4 weeks	SC 16+	✓	✓	✓
HEAVYGARDENINGHR	Digging, shovelling, chopping wood - average time (hrs)	SC 16+	✓	✓	✓
HEAVYGARDENINGMIN	Digging, shovelling, chopping wood - average time (mins)	SC 16+	✓	✓	✓
WEEDPRUNE	Weeding, pruning - number of times in last 4 weeks	SC 16+	✓	✓	✓
WEEDPRUNEHR	Weeding, pruning - average time (hours)	SC 16+	✓	✓	✓
WEEDPRUNEMIN	Weeding, pruning - average time (minutes)	SC 16+	✓	✓	✓
DIY	DIY - number of times in last 4 weeks	SC 16+	✓	✓	✓
DIYHR	DIY - average time (hours)	SC 16+	✓	✓	✓
DIYMIN	DIY - average time (minutes)	SC 16+	✓	✓	✓
AEROBICSHIGH	High impact aerobics or step aerobics - number of times in last 4 weeks	SC 16+	✓	✓	✓
AEROBICSHIGHHR	High impact aerobics or step aerobics -average time (hrs)	SC 16+	✓	✓	✓
AEROBICSHIGHMIN	High impact aerobics or step aerobics-average time (mins)	SC 16+	✓	✓	✓
AEROBICSOTHER	Other impact aerobics - number of times in last 4 weeks	SC 16+	✓	✓	✓
AEROBICSOTHERHR	Other impact aerobics - average time (hours)	SC 16+	✓	✓	✓
AEROBICSOTHERMIN	Other impact aerobics - average time (minutes)	SC 16+	✓	✓	✓
EXERCISEWEIGHTS	Exercise with weights - number of times in last 4 weeks	SC 16+	✓	✓	✓
EXERCISEWEIGHTSHR	Exercise with weights - average time (hours)	SC 16+	✓	✓	✓
EXERCISEWEIGHTSMIN	Exercise with weights - average time (minutes)	SC 16+	✓	✓	✓
CONDITIONEXERCISE	Conditioning exercises e.g.bike/rowing machine - number of times in last 4 weeks	SC 16+	✓	✓	✓
CONDITIONEXERCISEHR	Conditioning exercises e.g.bike/rowing machine - average time (hours)	SC 16+	✓	✓	✓
CONDITIONEXERCISEMIN	Conditioning exercises e.g.bike/rowing machine - average time (minutes)	SC 16+	✓	✓	✓
FLOOREXERCISE	Floor exercises e.g.stretching/yoga - number of times in last 4 weeks	SC 16+	✓	✓	✓
FLOOREXERCISEHR	Floor exercises e.g.stretching/yoga - average time (hours)	SC 16+	✓	✓	✓
FLOOREXERCISEMIN	Floor exercises e.g.stretching/yoga - average time (minutes)	SC 16+	✓	✓	✓
DANCING	Dancing - number of times in last 4 weeks	SC 16+	✓	✓	✓
DANCINGHR	Dancing - average time (hours)	SC 16+	✓	✓	✓
DANCINGMIN	Dancing - average time (minutes)	SC 16+	✓	✓	✓
COMPRUN	Competitive running - number of times in last 4 weeks	SC 16+	✓	✓	✓
COMPRUNHR	Competitive running - average time (hours)	SC 16+	✓	✓	✓
COMPRUNMIN	Competitive running - average time (minutes)	SC 16+	✓	✓	✓

JOG	Jogging - number of times in last 4 weeks	SC 16+	✓	✓	✓
JOGHR	Jogging - average time (hours)	SC 16+	✓	✓	✓
JOGMIN	Jogging - average time (minutes)	SC 16+	✓	✓	✓
BOWLING	(D) Bowling (indoor & outdoor) - number of times in last 4 weeks	Derived	✓	✓	✓
BOWLINGHR	(D) Bowling (indoor & outdoor) - average time (hours)	Derived	✓	✓	✓
BOWLINGMIN	(D) Bowling (indoor & outdoor) - average time (minutes)	Derived	✓	✓	✓
BOWLINNO	Bowling indoor - number of times in last 4 weeks	SC 16+	✓	✓	✓
BOWLINTH	Bowling indoor - average time (hours)	SC 16+	✓	✓	✓
BOWLINTM	Bowling indoor - average time (minutes)	SC 16+	✓	✓	✓
BOWLOTNO	Bowling outdoor - number of times in last 4 weeks	SC 16+	✓	✓	✓
BOWLOTTH	Bowling outdoor - average time (hours)	SC 16+	✓	✓	✓
BOWLOTTM	Bowling outdoor - average time (minutes)	SC 16+	✓	✓	✓
TENNISBADMINTON	(D) Tennis (indoor & outdoor) and badminton - number of times in last 4 weeks	Derived	✓	✓	✓
TENNISBADMINTONHR	(D) Tennis (indoor & outdoor) and badminton - average time (hours)	Derived	✓	✓	✓
TENNISBADMINTONMIN	(D) Tennis (indoor & outdoor) and badminton - average time (minutes)	Derived	✓	✓	✓
TENINNO	Tennis indoor - number of times in last 4 weeks	SC 16+	✓	✓	✓
TENINTH	Tennis indoor - average time (hours)	SC 16+	✓	✓	✓
TENINTM	Tennis indoor - average time (minutes)	SC 16+	✓	✓	✓
TENOTNO	Tennis outdoor - number of times in last 4 weeks	SC 16+	✓	✓	✓
TENOTTH	Tennis outdoor - average time (hours)	SC 16+	✓	✓	✓
TENOTTM	Tennis outdoor - average time (minutes)	SC 16+	✓	✓	✓
BADNO	Badminton - number of times in last 4 weeks	SC 16+	✓	✓	✓
BADTH	Badminton - average time (hours)	SC 16+	✓	✓	✓
BADTM	Badminton - average time (minutes)	SC 16+	✓	✓	✓
SQUASH	Squash - number of times in last 4 weeks	SC 16+	✓	✓	✓
SQUASHHR	Squash - average time (hours)	SC 16+	✓	✓	✓
SQUASHMIN	Squash - average time (minutes)	SC 16+	✓	✓	✓
TABLETENNIS	Table tennis - number of times in last 4 weeks	SC 16+	✓	✓	✓
TABLETENNISHR	Table tennis - average time (hours)	SC 16+	✓	✓	✓
TABLETENNISMIN	Table tennis - average time (minutes)	SC 16+	✓	✓	✓
GOLF	Golf - number of times in last 4 weeks	SC 16+	✓	✓	✓
GOLFHR	Golf - average time (hours)	SC 16+	✓	✓	✓
GOLFMIN	Golf - average time (minutes)	SC 16+	✓	✓	✓
FOOTBALLRUGBYHOCKEY	(D) Football, rugby, hockey (indoor & outdoor) - number of times in last 4	Derived	✓	✓	✓

	weeks				
FOOTBALLRUGBYHOCKEYHR	(D) Football, rugby, hockey (indoor & outdoor) - average time (hours)	Derived	✓	✓	✓
FOOTBALLRUGBYHOCKEYMIN	(D) Football, rugby, hockey (indoor & outdoor) - average time (minutes)	Derived	✓	✓	✓
FBLINNO	Football, rugby, hockey (indoor) - number of times in last 4 weeks	SC 16+	✓	✓	✓
FBLINTH	Football, rugby, hockey (indoor) - average time (hours)	SC 16+	✓	✓	✓
FBLINTM	Football, rugby, hockey (indoor) - average time (minutes)	SC 16+	✓	✓	✓
FBLLOTNO	Football, rugby, hockey (outdoor) - number of times in last 4 weeks	SC 16+	✓	✓	✓
FBLLOTTH	Football, rugby, hockey (outdoor) - average time (hours)	SC 16+	✓	✓	✓
FBLLOTTM	Football, rugby, hockey (outdoor) - average time (minutes)	SC 16+	✓	✓	✓
CRICKET	Cricket - number of times in last 4 weeks	SC 16+	✓	✓	✓
CRICKETHR	Cricket - average time (hours)	SC 16+	✓	✓	✓
CRICKETMIN	Cricket - average time (minutes)	SC 16+	✓	✓	✓
ROWING	Rowing - number of times in last 4 weeks	SC 16+	✓	✓	✓
ROWINGHR	Rowing - average time (hours)	SC 16+	✓	✓	✓
ROWINGMIN	Rowing - average time (minutes)	SC 16+	✓	✓	✓
NETVOLLEYBASKETBALL	(D) Netball, volleyball, basketball (indoor & outdoor) - number of times in last 4 weeks	Derived	✓	✓	✓
NETVOLLEYBASKETBALLHR	(D) Netball, volleyball, basketball (indoor & outdoor) - average time (hours)	Derived	✓	✓	✓
NETVOLLEYBASKETBALLMIN	(D) Netball, volleyball, basketball (indoor & outdoor) - average time (minutes)	Derived	✓	✓	✓
NETBINNO	Netball, volleyball, basketball (indoor) - number of times in last 4 weeks	SC 16+	✓	✓	✓
NETBINTH	Netball, volleyball, basketball (indoor) - average time (hours)	SC 16+	✓	✓	✓
NETBINTM	Netball, volleyball, basketball (indoor) - average time (minutes)	SC 16+	✓	✓	✓
NETBOTNO	Netball, volleyball, basketball (outdoor) - number of times in last 4 weeks	SC 16+	✓	✓	✓
NETBOTTH	Netball, volleyball, basketball (outdoor) - average time (hours)	SC 16+	✓	✓	✓
NETBOTTM	Netball, volleyball, basketball (outdoor) - average time (minutes)	SC 16+	✓	✓	✓
HUNTINGSHOOTINGFISHING	Fishing - number of times in last 4 weeks	SC 16+	✓	✓	✓
HUNTINGSHOOTINGFISHINGHR	Fishing - average time (hours)	SC 16+	✓	✓	✓
HUNTINGSHOOTINGFISHINGMIN	Fishing - average time (minutes)	SC 16+	✓	✓	✓
HORSEBASED	Horse-riding - number of times in last 4 weeks	SC 16+	✓	✓	✓
HORSEBASEDHR	Horse-riding - average time (hours)	SC 16+	✓	✓	✓
HORSEBASEDMIN	Horse-riding - average time (minutes)	SC 16+	✓	✓	✓
SNOOKERBILLIARDSDARTS	Snooker, billiards, darts - number of times in last 4 weeks	SC 16+	✓	✓	✓
SNOOKERBILLIARDSDARTSHR	Snooker, billiards, darts - average time (hours)	SC 16+	✓	✓	✓
SNOOKERBILLIARDSDARTSMIN	Snooker, billiards, darts - average time (minutes)	SC 16+	✓	✓	✓

MUSICALINSTRUMENTSINGING	Musical instrument playing or singing - number of times in last 4 weeks	SC 16+	✓	✓	✓
MUSICALINSTRUMENTSINGINGHR	Musical instrument playing or singing - average time (hours)	SC 16+	✓	✓	✓
MUSICALINSTRUMENTSINGINGMIN	Musical instrument playing or singing - average time (minutes)	SC 16+	✓	✓	✓
ICESKATING	Ice skating - number of times in last 4 weeks	SC 16+	✓	✓	✓
ICESKATINGHR	Ice skating - average time (hours)	SC 16+	✓	✓	✓
ICESKATINGMIN	Ice skating - average time (minutes)	SC 16+	✓	✓	✓
SAILINGWINDSURFBOATING	Sailing, wind-surfing, boating - number of times in last 4 weeks	SC 16+	✓	✓	✓
SAILINGWINDSURFBOATINGHR	Sailing, wind-surfing, boating - average time (hours)	SC 16+	✓	✓	✓
SAILINGWINDSURFBOATINGMIN	Sailing, wind-surfing, boating - average time (minutes)	SC 16+	✓	✓	✓
COMBATSPORTS	Martial arts, boxing, wrestling - number of times in last 4 weeks	SC 16+	✓	✓	✓
COMBATSPORTSHR	Martial arts, boxing, wrestling - average time (hours)	SC 16+	✓	✓	✓
COMBATSPORTSMIN	Martial arts, boxing, wrestling - average time (minutes)	SC 16+	✓	✓	✓
activegaming	Active gaming - number of times in last 4 weeks	SC 16+	✓	✓	✓
activegaminghr	Active gaming - average time (hours)	SC 16+	✓	✓	✓
activegamingmin	Active gaming - average time (minutes)	SC 16+	✓	✓	✓
normal	Whether activity last week was more/less than usual	Indiv	✓	✓	✓
involve	How involved child was in answering physical activity questions	Indiv	✓	✓	✓
Schd	Number of days been to school, nursery or playschool in last 7 days	Indiv	✓	✓	✓
wlkscwt	(D) Weekly time walking to and from school (minutes)	Derived	✓	✓	✓
wlkscwtg	(D) Weekly time walking to and from school (grouped)	Derived	✓	✓	✓
wlkscdt	(D) Average daily time talking to and from school (minutes)	Derived	✓	✓	✓
walkdays	(D) Number of days walked to/from school in last week	Derived	✓	✓	✓
walkgrp	(D) Number of days walked to/from school in last week (grouped)	Derived	✓	✓	✓
cycscwt	(D) Weekly time cycling to and from school (minutes)	Derived	✓	✓	✓
cycscwtg	(D) Weekly time cycling to and from school (grouped)	Derived	✓	✓	✓
cycscdt	(D) Average daily time cycling to and from school (minutes)	Derived	✓	✓	✓
daysbike	(D) Number of days cycled to/from school in last week	Derived	✓	✓	✓
bikegrp	(D) Number of days cycled to/from school in last week (grouped)	Derived	✓	✓	✓
actranwt	(D) Weekly time for active transportation to and from school (minutes)	Derived	✓	✓	✓
actrandt	(D) Average daily time for active transportation to and from school (minutes)	Derived	✓	✓	✓
cycdot	(D) Total time spent cycling (not to/from school) last week (mins)	Derived	✓	✓	✓
cycdotg	(D) Time spent cycling (not to/from school) in last 7 days (grouped)	Derived	✓	✓	✓
cycle	(D) Any cycling (not to/from school) last week	Derived	✓	✓	✓
cycdays	(D) Number of days cycling (not to/from school) last week	Derived	✓	✓	✓

wlktot	(D) Total time spent walking (not to/from school) last week (mins)	Derived	✓	✓	✓
wlktotg	(D) Time spent walking (not to/from school) in last 7 days (grouped)	Derived	✓	✓	✓
walk	(D) Any walking (not to/from school) last week?	Derived	✓	✓	✓
wlkdays	(D) Number of days walking (not to/from school) last week	Derived	✓	✓	✓
infwalkgrp	(D) Number of days informal walking	Derived	✓	✓	✓
hoovtot	(D) Total time spent housework/gardening last week (mins)	Derived	✓	✓	✓
hoovtotg	(D) Time spent doing housework in last 7 days (grouped)	Derived	✓	✓	✓
hoov	(D) Any housework/gardening last week?	Derived	✓	✓	✓
hoovdays	(D) Number of days housework/gardening last week	Derived	✓	✓	✓
hoptot	(D) Total time spent hopscotching last week (mins)	Derived	✓	✓	✓
hoptotg	(D) Time spent playing hopscotch in last 7 days (grouped)	Derived	✓	✓	✓
hopdays	(D) Number of days playing hopscotch last week	Derived	✓	✓	✓
tramtot	(D) Total time spent trampolining last week (mins)	Derived	✓	✓	✓
tramtotg	(D) Time spent doing trampolining in last 7 days (grouped)	Derived	✓	✓	✓
tramdays	(D) Number of days trampolining last week	Derived	✓	✓	✓
playtot	(D) Total time spent playing last week (mins)	Derived	✓	✓	✓
playtotg	(D) Time spent doing playing in last 7 days (grouped)	Derived	✓	✓	✓
playdays	(D) Number of days playing last week	Derived	✓	✓	✓
skatot	(D) Total time spent skating last week (mins)	Derived	✓	✓	✓
skatotg	(D) Time spent doing skating in last 7 days (grouped)	Derived	✓	✓	✓
sktdays	(D) Number of days skating last week	Derived	✓	✓	✓
dancctot	(D) Total time spent dancing last week (mins)?	Derived	✓	✓	✓
dancctotg	(D) Time spent doing dancing in last 7 days (grouped)	Derived	✓	✓	✓
dancdays	(D) Number of days dancing last week	Derived	✓	✓	✓
skptot	(D) Total time spent skipping rope last week (mins)	Derived	✓	✓	✓
skptotg	(D) Time spent doing skipping in last 7 days (grouped)	Derived	✓	✓	✓
skpdays	(D) Number of days skipping rope last week	Derived	✓	✓	✓
acplay	(D) Total time spent doing active play last week (mins)	Derived	✓	✓	✓
acplayg	(D) Time spent doing active play in last 7 days (grouped)	Derived	✓	✓	✓
acplytot	(D) Any active play last week	Derived	✓	✓	✓
nstdaysx	(D) Informal Activities number of days a week - excl walking	Derived	✓	✓	✓
nstdaysxg	(D) Informal Activities number of days a week, grouped - excl walking	Derived	✓	✓	✓
infactx	(D) Total time spent doing informal activities last week (mins) - excl walking	Derived	✓	✓	✓
infactxg	(D) Time spent doing Informal Activities last week (grouped) - excl walking	Derived	✓	✓	✓

infactotx	(D) Any Informal Activities last week - excl walking	Derived	✓	✓	✓
nstdays	(D) Informal Activities number of days a week - incl walking	Derived	✓	✓	✓
infact	(D) Total time spent doing informal activities last week (mins) incl walking	Derived	✓	✓	✓
infactg	(D) Time spent doing informal activities last week (grouped) incl walking	Derived	✓	✓	✓
infactot	(D) Any informal activities last week (incl walking)?	Derived	✓	✓	✓
fblltot	(D) Total time spent playing football/rugby/hockey/lacrosse last week (mins)	Derived	✓	✓	✓
fblltotg	(D) Time spent playing football/rugby/hockey/lacrosse last week (grouped)	Derived	✓	✓	✓
ftdays	(D) Number of days playing football/rugby/hockey/lacrosse last week	Derived	✓	✓	✓
nblttot	(D) Total time spent playing netball/basketball/handball last week (mins)	Derived	✓	✓	✓
nblttotg	(D) Time spent playing netball/basketball/handball last week (grouped)	Derived	✓	✓	✓
ntdays	(D) Number of days playing netball/basketball/handball last week	Derived	✓	✓	✓
crkttot	(D) Total time spent playing cricket/rounders last week (mins)	Derived	✓	✓	✓
crkttotg	(D) Time spent playing cricket/rounders last week (grouped)	Derived	✓	✓	✓
crtdays	(D) Number of days playing cricket/rounders last week	Derived	✓	✓	✓
runtot	(D) Total time spent running/jogging/athletics last week (mins)	Derived	✓	✓	✓
runtotg	(D) Time spent running/jogging/athletics last week (grouped)	Derived	✓	✓	✓
rundays	(D) Number of days play running/jogging/athletics last week	Derived	✓	✓	✓
swmltot	(D) Total time spent swimming laps last week (mins)	Derived	✓	✓	✓
swmltotg	(D) Time spent swimming laps last week (grouped)	Derived	✓	✓	✓
swldays	(D) Number of days swimming laps last week	Derived	✓	✓	✓
swmstot	(D) Total time spent swimming (splashing about) last week (mins)	Derived	✓	✓	✓
swmstotg	(D) Time spent swimming (splashing about) last week (grouped)	Derived	✓	✓	✓
swpdays	(D) Number of days swimming (splashing about) last week	Derived	✓	✓	✓
gymtot	(D) Total time spent doing gymnastics last week (mins)	Derived	✓	✓	✓
gymtotg	(D) Time spent doing gymnastics last week (grouped)	Derived	✓	✓	✓
gymdays	(D) Number of days doing gymnastics last week	Derived	✓	✓	✓
wkouttot	(D) Total time spent working out with gym machines/weight training last week (mins)	Derived	✓	✓	✓
wkouttotg	(D) Time spent working out with gym machines/weight training last week (grouped)	Derived	✓	✓	✓
wktdays	(D) Number of days working out with gym machines/weight training last week	Derived	✓	✓	✓
aertot	(D) Total time spent doing aerobics last week (mins)	Derived	✓	✓	✓
aertotg	(D) Time spent doing aerobics last week (grouped)	Derived	✓	✓	✓
aerdays	(D) Number of days doing aerobics last week	Derived	✓	✓	✓

tentot	(D) Total time spent playing tennis/badminton/squash last week (mins)	Derived	✓	✓	✓
tentotg	(D) Time spent playing tennis/badminton/squash last week (grouped)	Derived	✓	✓	✓
tendays	(D) Number of days playing tennis/badminton/squash last week	Derived	✓	✓	✓
toth1wt	(D) Total Weekly first other activity Time (minutes)	Derived	✓	✓	✓
toth2wt	(D) Total Weekly second other activity time (minutes)	Derived	✓	✓	✓
toth3wt	(D) Total Weekly third other activity time (minutes)	Derived	✓	✓	✓
toth4wt	(D) Total Weekly fourth other activity time (minutes)	Derived	✓	✓	✓
toth5wt	(D) Total Weekly fifth other activity time (minutes).	Derived	✓	✓	✓
tvtime	(D) Total time spent watching tv on weekday (mins)	Derived	✓	✓	✓
tvtimeg	(D) Time spent watching tv on weekday (grouped)	Derived	✓	✓	✓
sdtime	(D) Total time spent sitting down on weekday (mins)	Derived	✓	✓	✓
sdtimeg	(D) Time spent sitting down on weekday (grouped)	Derived	✓	✓	✓
tvwetime	(D) Total time spent watching tv on weekend day (mins)	Derived	✓	✓	✓
tvwetimeg	(D) Time spent watching tv on weekend day (grouped)	Derived	✓	✓	✓
sdwetime	(D) Total time spent sitting down on weekend day (mins)	Derived	✓	✓	✓
sdwetimeg	(D) Time spent sitting down on weekend day (grouped)	Derived	✓	✓	✓
sedwk	(D) Total sedentary time on week day (mins)	Derived	✓	✓	✓
sedwkq	(D) Total sedentary time on week day (grouped)	Derived	✓	✓	✓
sedwke	(D) Total sedentary time on weekend day (mins)	Derived	✓	✓	✓
sedwkeq	(D) Total sedentary time on weekend day (grouped)	Derived	✓	✓	✓
cycsch	(D) Any cycling (to/from school AND play) last week	Derived	✓	✓	✓
wlsch	(D) Any walking (to/from school AND play) last week?	Derived	✓	✓	✓
sport	(D) Total time spent doing sport last week (mins)	Derived	✓	✓	✓
sportg	(D) Time spent doing sport last week (grouped)	Derived	✓	✓	✓
spttot	(D) Any sport last week?	Derived	✓	✓	✓
sprtdays	(D) Number of days played sport in last week	Derived	✓	✓	✓
sprtdaysg	(D) Number of days played sport (grouped)	Derived	✓	✓	✓
paany	(D) Number of days doing any Sporting and Informal Activities	Derived	✓	✓	✓
pa60t	(D) Number of days doing any Sporting and Informal Activities 60+mins	Derived	✓	✓	✓
pa30t	(D) Number of days doing any Sporting and Informal Activities 30-59mins	Derived	✓	✓	✓
days	(D) Number of days all physical activities (walking, informal and formal sports)	Derived	✓	✓	✓
daysg	(D) Number of days all physical activities (walking, informal and formal sports), grouped	Derived	✓	✓	✓
chpa	(D) Summary: Meets child PA recommendations (5-15)	Derived	✓	✓	✓

chpa2	(D) Summary: Meets child PA recommendations (5-15) - Meets recs/some act/low act	Derived	✓	✓	✓
chpaa	(D) Summary: Meets child PA recommendations (2-4)	Derived	✓	✓	✓
chpa2a	(D) Summary: Meets child PA recommendations (aged 2-4) – meets rec/some act/low act	Derived	✓	✓	✓
totalpa	(D) CH Time spent doing ALL Activities last week (minutes)	Derived	✓	✓	✓
totalpag	(D) CH Time spent doing ALL Activities last week (grouped)	Derived	✓	✓	✓

SUN EXPOSURE

Sun exposure at school

Variable	Description	Source	Year 9	Year 10	Year 11
SCH7DY2	Whether went to school in last 7 days	Indiv	✓	✓	
MBRKOY2	Whether morning break usually spent outside	Indiv	✓	✓	
LBREAKO	Whether lunch break usually spent outside	Indiv	✓	✓	
OUTS2M	In last month, time per day usually spent outdoors during daylight hours	Indiv	✓	✓	
OUTS2	Time per day usually spent outdoors during daylight hours in summer	Indiv	✓	✓	
OUTS2W	Time per day usually spent outdoors during daylight hours in winter	Indiv	✓	✓	

Sun exposure at work

Variable	Description	Source	Year 9	Year 10	Year 11
WRKOS	Proportion of time at work spent outside	SC 16+	✓	✓	✓
WOUTS1	Body part usually uncovered at work: Face	SC 16+	✓	✓	✓
WOUTS2	Body part usually uncovered at work: Head	SC 16+	✓	✓	✓
WOUTS3	Body part usually uncovered at work: Hands	SC 16+	✓	✓	✓
WOUTS4	Body part usually uncovered at work: Arms	SC 16+	✓	✓	✓
WOUTS5	Body part usually uncovered at work: Shoulders	SC 16+	✓	✓	✓
WOUTS6	Body part usually uncovered at work: Legs	SC 16+	✓	✓	✓
WOUTS7	Body part usually uncovered at work: Most upper body	SC 16+	✓	✓	✓
WOUTS8	Body part usually uncovered at work: None listed	SC 16+	✓	✓	✓

General

Variable	Description	Source	Year 9	Year 10	Year 11
HAIR	Natural hair colour	Indiv	✓	✓	
SKIN	Natural skin colour	Indiv	✓	✓	
SKTYP	Type of skin	Indiv	✓	✓	

Use of sun cream

Variable	Description	Source	Year 9	Year 10	Year 11
suncrm	Whether protect skin from the sun in sunny weather, in both the UK and abroad	Indiv	✓	✓	

sunbrn	Whether get blistering after being burned in the sun	Indiv	✓	✓	
suntn	Whether actively seek a suntan	Indiv	✓	✓	

Holidays					
Variable	Description	Source	Year 9	Year 10	Year 11
HOLI12M	Any sun holidays/trips in the past year	Indiv	✓	✓	
SUNHM	Month 1st sun holiday taken	Indiv	✓	✓	
LATSUN1	Latitude of 1st sun holiday	Indiv	✓	✓	
SUNHM2	Month 2nd sun holiday taken	Indiv	✓	✓	
LATSUN2	Latitude of 2nd sun holiday	Indiv	✓	✓	
SUNHM3	Month 3rd sun holiday taken	Indiv	✓	✓	
LATSUN3	Latitude of 3rd sun holiday	Indiv	✓	✓	
SUNHM4	Month 4th sun holiday taken	Indiv	✓	✓	
LATSUN4	Latitude of 4th sun holiday	Indiv	✓	✓	
SUNHM5	Month 5th sun holiday taken	Indiv	✓	✓	
LATSUN5	Latitude of 5th sun holiday	Indiv	✓	✓	
SUNHM6	Month 6th sun holiday taken	Indiv	✓	✓	
LATSUN6	Latitude of 6th sun holiday	Indiv	✓	✓	
SUNHM7	Month 7th sun holiday taken	Indiv	✓	✓	
LATSUN7	Latitude of 7th sun holiday	Indiv	✓	✓	
SUNHM8	Month 8th sun holiday taken	Indiv	✓	✓	
LATSUN8	Latitude of 8th sun holiday	Indiv	✓	✓	
SUNHM9	Month 9th sun holiday taken	Indiv	✓	✓	
LATSUN9	Latitude of 9th sun holiday	Indiv	✓	✓	
SUNHM10	Month 10th sun holiday taken	Indiv	✓	✓	
LATSUN10	Latitude of 10th sun holiday	Indiv	✓	✓	

SUPPLEMENTS

Supplements					
Variable	Description		Year 9	Year 10	Year 11
supry6	Whether taken any vitamins, minerals or supplements NOT containing Vitamin D or Folic acid in past year	Indiv	✓	✓	✓
Svitdf	Whether taken any vitamins, minerals or supplements containing Vitamin D or Folic acid in past year	Indiv	✓	✓	✓
SFORM	What form 1 st supplement taken	Indiv	✓	✓	✓
SDOSE	Dosage of 1 st supplement	Indiv	✓	✓	✓
SFREQ	How often 1 st supplement taken	Indiv	✓	✓	✓
SPRES	Whether 1 st supplement prescribed by GP or other healthcare professional	Indiv	✓	✓	✓
FG1	Reporting food group of 1 st supplement recorded	Indiv	✓	✓	✓
SFG1	Food group of 1st supplement recorded ('of which' in report tables)	Indiv	✓	✓	✓
vitdfolic1	1st supplement: Whether the supplement contains Vit D and/or Folic	Derived	✓	✓	✓
vitdamount1	1st supplement: Amount of vitamin D (µg) in the supplement	Derived	✓	✓	✓
vitdestimate1	1st supplement: Whether amount of vitamin D has been estimated	Derived	✓	✓	✓
folicamount1	1st supplement: Amount of folic acid (µg) in the supplement	Derived	✓	✓	✓
folicestimate1	1st supplement: Whether amount of folic acid has been estimated	Derived	✓	✓	✓
SFORM2 to folicestimate9	Set of variables as above then up to 9 iterations			✓	✓
hsvity6	Ever taken/given Healthy Start vitamins?	Indiv	✓	✓	✓
hsvitoy6	And how often do you LHSVits3 these vitaminsLHSVits4?	Indiv	✓	✓	✓

BLOOD PRESSURE

Admin					
Variable	Description	Source	Year 9	Year 10	Year 11
MEASBP	(D) Blood pressure measured	Derived	✓	✓	
BPRESPC	(D) Whether BP readings are valid	Derived	✓	✓	
BPCONST	Consent to BP measurement	Nurse	✓	✓	
CONSBX11	Eaten in last 30 mins	Nurse	✓	✓	
CONSBX12	Smoked in last 30 mins	Nurse	✓	✓	
CONSBX13	Drunk alcohol in last 30 mins	Nurse	✓	✓	
CONSBX14	Done vigorous exercise in last 30 mins	Nurse	✓	✓	
CONSBX15	Done nothing to affect BP in last 30 mins	Nurse	✓	✓	
CONSBX21	Eaten in last 30 mins (U13's)	Nurse	✓	✓	
CONSBX22	Done vigorous exercise in last 30 mins (U13's)	Nurse	✓	✓	
CONSBX23	Done nothing to affect BP in last 30 mins (U13's)	Nurse	✓	✓	
FULL	Reliability of 1 st set of BP readings	Nurse	✓	✓	
FULL2	Reliability of 2 nd set of BP readings	Nurse	✓	✓	
FULL3	Reliability of 3 rd set of BP readings	Nurse	✓	✓	
YNOBP	Reason no BP measurements taken	Nurse	✓	✓	
RESPBPS	Response to BP measurements	Nurse	✓	✓	
NATTBPD0	No BP: Problems with PC/laptop	Nurse	✓	✓	
NATTBPD1	No BP: Participant upset/anxious/nervous	Nurse	✓	✓	
NATTBPD2	No BP: Error reading	Nurse	✓	✓	
NATTBPD3	No BP: Too shy	Nurse	✓	✓	
NATTBPD4	No BP: Child would not sit still	Nurse	✓	✓	
NATTBPD5	No BP: Other reason	Nurse	✓	✓	
NATTBPD6	No BP: Problems with cuff fitting/painful	Nurse	✓	✓	
NATTBPD7	No BP: Problems with Omron readings	Nurse	✓	✓	
DIFBPC1	BP Probs: No problems taking BP	Nurse	✓	✓	
DIFBPC2	BP Probs: Reading taken on left arm as right arm not suitable	Nurse	✓	✓	

DIFBPC3	BP Probs: Respondent upset/anxious/nervous	Nurse	✓	✓	
DIFBPC4	BP Probs: Other reason	Nurse	✓	✓	
DIFBPC5	BP Probs: Problems with cuff fitting/painful	Nurse	✓	✓	
DIFBPC6	BP Probs: Problems with Omron readings	Nurse	✓	✓	

Measurements					
Variable	Description	Source	Year 9	Year 10	Year 11
OMSYSVAL	(D) Omron valid mean systolic BP	Derived	✓	✓	
OMDIAVAL	(D) Omron valid mean diastolic BP	Derived	✓	✓	
HYP140	(D) Hypertensive categories:140/90: all prescribed drugs for BP	Derived	✓	✓	
hyper140_2	(D) Hypertensive categories:140/90: all prescribed drugs for BP [revised]	Derived	✓	✓	
hibp140_2	(D) Whether hypertensive:140/90: all prescribed drugs for BP [revised]	Derived	✓	✓	
hyper1_2	(D) Hypertensive categories: 160/95: all prescribed drugs for BP [revised]	Derived	✓	✓	
highbp1_2	(D) Whether hypertensive: 160/95: all prescribed drugs for BP [revised]	Derived	✓	✓	

BLOOD SAMPLE

Admin					
Variable	Description	Source	Year 9	Year 10	Year 11
WILLBS	(D) Willing to have blood sample taken	Derived	✓	✓	✓
BLOODOC1	(D) Blood outcome	Derived	✓	✓	✓
DOBLOOD	Which nurse visit blood taken	Nurse	✓	✓	✓
BSOUT	Blood Sample outcome.	Nurse	✓	✓	✓
BSOUTE	(D) Blood outcome	Derived	✓	✓	✓
CLOTBC	Whether has clotting disorder – child (first visit – intro)	Nurse	✓	✓	✓
FITC	Whether ever has a fit – child (first visit – intro)	Nurse	✓	✓	✓
CLOTBA	Whether has clotting disorder – adult (first visit – intro)	Nurse	✓	✓	✓
FITA	Whether ever has a fit – adult (first visit – intro)	Nurse	✓	✓	✓
BSWILL	Willing to have blood sample taken (first visit - intro)	Nurse	✓	✓	✓
CBSCONST	Child willing to have blood sample taken (first visit - intro)	Nurse	✓	✓	✓
REFBSC1	Refused blood sample: Previous difficulties with venepuncture	Nurse	✓	✓	✓
REFBSC2	Refused blood sample: Dislike/fear of needles	Nurse	✓	✓	✓
REFBSC3	Refused blood sample: Recently had blood test/health check	Nurse	✓	✓	✓
REFBSC4	Refused blood sample: Because of current illness	Nurse	✓	✓	✓
REFBSC5	Refused blood sample: Worried about HIV or AIDS	Nurse	✓	✓	✓
REFBSC6	Refused blood sample: No paediatric phlebotomist available	Nurse	✓	✓	✓
REFBSC7	Refused blood sample: Parent doesn't agree with it/thinks child too young	Nurse	✓	✓	✓
REFBSC8	Refused blood sample: Too busy	Nurse	✓	✓	✓
REFBSC9	Refused blood sample: Time constraints (i.e. appointment timings not convenient)	Nurse	✓	✓	✓
REFBSC97	Refused blood sample: Other reason	Nurse	✓	✓	✓
DIABETES	Whether respondent is diabetic and unwilling to fast	Nurse	✓	✓	
DiabetesY11	Whether respondent is diabetic and unwilling to fast (Y11)	Nurse			✓
EAT	Had anything to eat or drink (excluding water) in the last 8 hours (first visit)	Nurse	✓	✓	✓
NFASTBL	Non fasting blood sample to be taken now (first visit)	Nurse	✓	✓	✓
FASTBL	Fasting blood sample to be taken now (first visit)	Nurse	✓	✓	✓

TCLOTBC	Whether has clotting disorder - child (first visit - before taking sample)	Nurse	✓	✓	✓
TFITC	Whether ever had a fit - child (first visit - before taking sample)	Nurse	✓	✓	✓
TCLOTBA	Whether has clotting disorder - adults (first visit - before taking sample)	Nurse	✓	✓	✓
TFITA	Whether ever had a fit – adult (first visit - before taking sample)	Nurse	✓	✓	✓
TEAT	Had anything to eat or drink (excluding water) in the last 8 hours (first visit - before taking sample) - adult	Nurse	✓	✓	✓
CHEAT	Had anything to eat or drink (excluding water) in the last 8 hours (first visit - before taking sample) - child	Nurse	✓	✓	✓
TBSWILL	Willing to have blood sample taken (first visit - before taking sample)	Nurse	✓	✓	✓
TCBSCONS	Child willing to have blood sample taken (first visit - before taking sample)	Nurse	✓	✓	✓
AMETOPUS	Ametop gel to be used (first visit)	Nurse	✓	✓	✓
ALLERGY	Allergy to a local or general anesthetic (first visit)	Nurse	✓	✓	✓
NOAMETOP	Consent to blood sample without Ametop gel (first visit)	Nurse	✓	✓	✓
TREBSC1	Refused blood sample: Previous difficulties with venepuncture (first visit)	Nurse	✓	✓	✓
TREBSC2	Refused blood sample: Dislike/fear of needles (first visit)	Nurse	✓	✓	✓
TREBSC3	Refused blood sample: Recently had blood test/health check (first visit)	Nurse	✓	✓	✓
TREBSC4	Refused blood sample: Because of current illness (first visit)	Nurse	✓	✓	✓
TREBSC5	Refused blood sample: Worried about HIV or AIDS (first visit)	Nurse	✓	✓	✓
TREBSC6	Refused blood sample: No paediatric phlebotomist available (first visit)	Nurse	✓	✓	✓
TREBSC7	Refused blood sample: Parent doesn't agree with it/thinks child too young (first visit)	Nurse	✓	✓	✓
TREBSC8	Refused blood sample: Too busy (first visit)	Nurse	✓	✓	✓
TREBSC9	Refused blood sample: Time constraints (i.e. appointment timings not convenient) (first visit)	Nurse	✓	✓	✓
TREBSC10	Refused blood sample: Other reason (first visit)	Nurse	✓	✓	✓
SAMPTAK3	Blood sample outcome (first visit)	Nurse	✓	✓	✓
SAMDIFC1	Blood sample problems: No problem (first visit)	Nurse	✓	✓	✓
SAMDIFC2	Blood sample problems: Incomplete sample (first visit)	Nurse	✓	✓	✓
SAMDIFC3	Blood sample problems: Collapsing/poor veins (first visit)	Nurse	✓	✓	✓
SAMDIFC4	Blood sample problems: Second attempt necessary (first visit)	Nurse	✓	✓	✓
SAMDIFC5	Blood sample problems: Some blood obtained, but respondent felt faint/fainted (first visit)	Nurse	✓	✓	✓
SAMDIFC6	Blood sample problems: Unable to use tourniquet (first visit)	Nurse	✓	✓	✓
SAMDIFC7	Blood sample problems: Other (first visit)	Nurse	✓	✓	✓
NOBSC1	No blood sample: No suitable or no palpable vein/collapsed veins (first visit)	Nurse	✓	✓	✓
NOBSC2	No blood sample: Respondent was too anxious/nervous (first visit)	Nurse	✓	✓	✓
NOBSC3	No blood sample: Respondent felt faint/fainted (first visit)	Nurse	✓	✓	✓

NOBSC97	No blood sample: Other reason (first visit)	Nurse	✓	✓	✓
TCLOTBC2	Whether has clotting disorder - child (second visit)	Nurse	✓	✓	✓
TFITC2	Whether ever had a fit – child (second visit)	Nurse	✓	✓	✓
TCLOTBA2	Whether has clotting disorder - adult (second visit)	Nurse	✓	✓	✓
TFITA2	Whether ever had a fit – adult (second visit)	Nurse	✓	✓	✓
TEAT2	Had anything to eat or drink (excluding water) in the last 8 hours (second visit) - adult	Nurse	✓	✓	✓
CHEAT2	Had anything to eat or drink (excluding water) in the last 8 hours (second visit) - child	Nurse	✓	✓	✓
TBSWILL2	Willing to have blood sample taken (second visit)	Nurse	✓	✓	✓
TCBSCON2	Child willing to have blood sample taken (second visit)	Nurse	✓	✓	✓
AMETOPU2	Ametop gel to be used (second visit)	Nurse	✓	✓	✓
ALLERGY2	Allergy to a local or general anesthetic (second visit)	Nurse	✓	✓	✓
NOAMETO2	Consent to blood sample without Ametop gel (second visit)	Nurse	✓	✓	✓
TREFBS11	Refused blood sample: Previous difficulties with venepuncture (second visit)	Nurse	✓	✓	✓
TREFBS12	Refused blood sample: Dislike/fear of needles (second visit)	Nurse	✓	✓	✓
TREFBS13	Refused blood sample: Recently had blood test/health check (second visit)	Nurse	✓	✓	✓
TREFBS14	Refused blood sample: Because of current illness (second visit)	Nurse	✓	✓	✓
TREFBS15	Refused blood sample: Worried about HIV or AIDS (second visit)	Nurse	✓	✓	✓
TREFBS16	Refused blood sample: No paediatric phlebotomist available (second visit)	Nurse	✓	✓	✓
TREFBS17	Refused blood sample: Parent doesn't agree with it/thinks child too young (second visit)	Nurse	✓	✓	✓
TREFBS18	Refused blood sample: Too busy (second visit)	Nurse	✓	✓	✓
TREFBS19	Refused blood sample: Time constraints (i.e. appointment timings not convenient) (second visit)	Nurse	✓	✓	✓
TREFBS20	Refused blood sample: Other reason (second visit)	Nurse	✓	✓	✓
SAMPTAK2	Blood sample outcome (second visit)	Nurse	✓	✓	✓
SAMDIFC8	Blood sample problems: No problem (second visit)	Nurse	✓	✓	✓
SAMDIFC9	Blood sample problems: Incomplete sample (second visit)	Nurse	✓	✓	✓
SAMDIF10	Blood sample problems: Collapsing/poor veins (second visit)	Nurse	✓	✓	✓
SAMDIF11	Blood sample problems: Second attempt necessary (second visit)	Nurse	✓	✓	✓
SAMDIF12	Blood sample problems: Some blood obtained, but respondent felt faint/fainted (second visit)	Nurse	✓	✓	✓
SAMDIF13	Blood sample problems: Unable to use tourniquet (second visit)	Nurse	✓	✓	✓
SAMDIF14	Blood sample problems: Other (second visit)	Nurse	✓	✓	✓
NOBSC4	No blood sample: No suitable or no palpable vein/collapsed veins (second visit)	Nurse	✓	✓	✓
NOBSC5	No blood sample: Respondent was too anxious/nervous (second visit)	Nurse	✓	✓	✓

NOBSC6	No blood sample: Respondent felt faint/fainted (second visit)	Nurse	✓	✓	✓
NOBSC98	No blood sample: Other reason (second visit)	Nurse	✓	✓	✓
SAMPTAK4	Blood sample outcome - computed	Nurse	✓	✓	✓

Measurements					
Variable	Description	Source	Year 9	Year 10	Year 11
Crea	Creatinine (μmol/L) (in plasma from promptly-separated LH blood)	Lab	✓	✓	
CreaRes	Creatinine (μmol/L) (in plasma from promptly-separated LH blood) - Result Code	Lab	✓	✓	
Chol	Total Cholesterol (mmol/L)	Lab	✓	✓	✓
CholRes	Total Cholesterol (mmol/L) - Result Code	Lab	✓	✓	✓
Trig	Triglycerides (mmol/L)	Lab	✓	✓	✓
TrigRes	Triglycerides (mmol/L) - Result Code	Lab	✓	✓	✓
HDL	High Density Lipoproteins (mmol/L)	Lab	✓	✓	✓
HDLRes	High Density Lipoproteins (mmol/L) - Result Code	Lab	✓	✓	✓
LDL	Low Density Lipoproteins (mmol/L)	Lab	✓	✓	✓
LDLRes	Low Density Lipoproteins (mmol/L) - Result Code	Lab	✓	✓	✓
HDLRatio	Total : HDL Cholesterol Ratio	Lab	✓	✓	✓
HDLRatioRes	Total : HDL Cholesterol Ratio - Result Code	Lab	✓	✓	✓
CRP	C-Reactive Protein (mg/L)	Lab	✓	✓	✓
CRPRes	C-Reactive Protein (mg/L) - Result Code	Lab	✓	✓	✓
CRP_Comment*	C-Reactive Protein Comment	Lab	✓	✓	✓
A1C	Haemoglobin A1c (%)	Lab	✓	✓	
A1C_mmol_mol	Haemoglobin A1c (mmol/mol)	Lab	✓	✓	
A1Cres	Haemoglobin A1c (%) - Result Code	Lab	✓	✓	
WBC	White Blood Cell Count (10 ⁹ /L)	Lab	✓	✓	✓
WBCRes	White Blood Cell Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
RBC	Red Blood Cell Count (10 ¹² /L)	Lab	✓	✓	✓
RBCRes	Red Blood Cell Count (10 ¹² /L) - Result Code	Lab	✓	✓	✓
Hb	Haemoglobin (g/dL)	Lab	✓	✓	✓
Hb_g_L	Haemoglobin (g/L)	Lab	✓	✓	✓
HbRes	Haemoglobin (g/dL) - Result Code	Lab	✓	✓	✓

HCT	Haematocrit (l/l)	Lab	✓	✓	✓
HCTRes	Haematocrit (l/l) - Result Code	Lab	✓	✓	✓
MCV	Mean Cell Volume (fl)	Lab	✓	✓	✓
MCVRes	Mean Cell Volume (fl) - Result Code	Lab	✓	✓	✓
MCH	Mean Cell Haemoglobin (pg)	Lab	✓	✓	✓
MCHRes	Mean Cell Haemoglobin (pg) - Result Code	Lab	✓	✓	✓
RDW	Red Blood Cell Distribution Width	Lab	✓	✓	✓
RDWRes	Red Blood Cell Distribution Width - Result Code	Lab	✓	✓	✓
Plts	Platelet Count (10 ⁹ /L)	Lab	✓	✓	✓
PltsRes	Platelet Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
Neuts	Neutrophil Count(10 ⁹ /L)	Lab	✓	✓	✓
NeutsRes	Neutrophil Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
Lymph	Lymphocyte Count (10 ⁹ /L)	Lab	✓	✓	✓
LymphRes	Lymphocyte Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
Mono	Monocyte Count (10 ⁹ /L)	Lab	✓	✓	✓
MonoRes	Monocyte Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
Eosin	Eosinophil Count (10 ⁹ /L)	Lab	✓	✓	✓
EosinRes	Eosinophil Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
Basop	Basophil Count (10 ⁹ /L)	Lab	✓	✓	✓
BasopRes	Basophil Count (10 ⁹ /L) - Result Code	Lab	✓	✓	✓
Basop_Comment*	Basophil Count (10 ⁹ /L) Comments	Lab	✓	✓	✓
SVitB12	Vitamin B12 (pmol/L)	Lab	✓	✓	✓
SVitB12Res	Vitamin B12 (pmol/L) - Result Code	Lab	✓	✓	✓
Ferritin	Ferritin (µg/L) (measured with plasma for Y9 and Y10 and serum for Y11)	Lab	✓	✓	✓
FerritinRes	Ferritin (µg/L) - Result Code (measured with plasma for Y9 and Y10 and serum for Y11)	Lab	✓	✓	✓
Ferritin_Comment*	Ferritin (µg/L) Comment	Lab	✓	✓	✓
v25OHD	25-Hydroxy Vitamin D (nmol/L)	Lab	✓	✓	✓
v25OHD_Std ¹⁰	25-Hydroxy Vitamin D (nmol/L) – Standardised LC-MS/MS	Lab	✓	✓	✓
v25OHDRes	25-Hydroxy Vitamin D (nmol/L) - Result Code	Lab	✓	✓	✓

¹⁰ This variable is an exact duplicat of v25OHD as measurement is by LC-MS/MS so standardization is not needed.

v25OHD_Comment*	25-Hydroxy Vitamin D (nmol/L) Comment	Lab	✓	✓	✓
Glucose	Glucose (mmol/L)	Lab	✓	✓	
GlucoseRes	Glucose (mmol/L) - Result Code	Lab	✓	✓	
holoTC	Holotranscobalamin (pmol/L)	Lab	✓	✓	✓
holoTCRes	Holotranscobalamin (pmol/L) - Result Code	Lab	✓	✓	✓
holoTC_Comment*	Holotranscobalamin (pmol/L) - Comment	Lab	✓	✓	✓
VitC	Vitamin C (µmol/L)	Lab	✓	✓	✓
VitCRes	Vitamin C (µmol/L) - Result Code	Lab	✓	✓	✓
VitC_Comment*	Vitamin C (µmol/L) Comment	Lab	✓	✓	✓
VitB2	Vitamin B2 Status (EGRAC)	Lab	✓	✓	✓
VitB2Res	Vitamin B2 Status (EGRAC) - Result Code	Lab	✓	✓	✓
VitB1	Vitamin B1 Status (ETKAC)	Lab	✓	✓	✓
VitB1Res	Vitamin B1 Status (ETKAC) - Result Code	Lab	✓	✓	✓
VitB6PLP	Vitamin B6 Pyridoxal-5-Phosphate (PLP) (nmol/L)	Lab	✓	✓	✓
VitB6PLPRes	Vitamin B6 Pyridoxal-5-Phosphate (PLP) (nmol/L) - Result Code	Lab	✓	✓	✓
VitB6PA	Vitamin B6 4-Pyridoxic acid (PA) (nmol/L)	Lab	✓	✓	✓
VitB6PAPRes	Vitamin B6 4-Pyridoxic acid (PA) (nmol/L) - Result Code	Lab	✓	✓	✓
Retinol	Retinol (µmol/L)	Lab	✓	✓	✓
RetinolRes	Retinol (µmol/L) - Result Code	Lab	✓	✓	✓
Retinol_Comment*	Retinol (µmol/L) Comment	Lab	✓	✓	✓
ATC	Alpha-Tocopherol (µmol/L)	Lab	✓	✓	✓
ATCRes	Alpha-Tocopherol (µmol/L) - Result Code	Lab	✓	✓	✓
ATC_Comment*	Alpha-Tocopherol (µmol/L) Comment	Lab	✓	✓	✓
GTC	Gamma-Tocopherol (µmol/L)	Lab	✓	✓	✓
GTCRes	Gamma-Tocopherol (µmol/L) Result Code	Lab	✓	✓	✓
GTC_Comment*	Gamma-Tocopherol (µmol/L) Comment	Lab	✓	✓	✓
Lut	Lutein (µmol/L)	Lab	✓	✓	✓
LutRes	Lutein (µmol/L) - Result Code	Lab	✓	✓	✓
Lut_Comment*	Lutein (µmol/L) Comment	Lab	✓	✓	✓
ACRY	Alpha-Cryptoxanthin (µmol/L)	Lab	✓	✓	✓
ACRYRes	Alpha-Cryptoxanthin (µmol/L) - Result Code	Lab	✓	✓	✓
ACRY_Comment*	Alpha-Cryptoxanthin (µmol/L) Comment	Lab	✓	✓	✓

BCRY	Beta-Cryptoxanthin (µmol/L)	Lab	✓	✓	✓
BCRYRes	Beta-Cryptoxanthin (µmol/L) - Result Code	Lab	✓	✓	✓
BCRY_Comment*	Beta-Cryptoxanthin (µmol/L) Comment	Lab	✓	✓	✓
LYCO	Lycopene (µmol/L)	Lab	✓	✓	✓
LycoRes	Lycopene (µmol/L) - Result Code	Lab	✓	✓	✓
Lyco_Comment*	Lycopene (µmol/L) Comment	Lab	✓	✓	✓
ACAR	Alpha-Carotene (µmol/L)	Lab	✓	✓	✓
ACARRes	Alpha-Carotene (µmol/L) - Result Code	Lab	✓	✓	✓
ACAR_Comment*	Alpha-Carotene (µmol/L) Comment	Lab	✓	✓	✓
BCAR	Beta-Carotene (µmol/L)	Lab	✓	✓	✓
BCARRes	Beta-Carotene (µmol/L) - Result Code	Lab	✓	✓	✓
BCAR_Comment*	Beta-Carotene (µmol/L) Comment	Lab	✓	✓	✓
TotalCarotenoids	Derived variable - (Lut + ACRY + BCRY + LYCO + ACAR + BCAR) (µmol/L)	Lab	✓	✓	✓
TotalCarotenoidsRes	Derived variable - (Lut + ACRY + BCRY + LYCO + ACAR + BCAR) (µmol/L) - Result Code. Please Note: If any, but not all, missing values will be coded as -30. If any notional values will be a 2.	Lab	✓	✓	✓
Se	Selenium (µmol/L)	Lab	✓	✓	✓
SeRes	Selenium (µmol/L) - Result Code	Lab	✓	✓	✓
Zn	Zinc (µmol/L)	Lab	✓	✓	✓
ZnRes	Zinc (µmol/L) - Result Code	Lab	✓	✓	✓
RCFolate	Red Cell Folate (nmol/L)	Lab	✓	✓	✓
RCFolateRes	Red Cell Folate (nmol/L) - Result Code	Lab	✓	✓	✓
RCFolate_Comment*	Red Cell Folate (nmol/L) Comment	Lab	✓	✓	✓
SerumFolate	Total Serum Folate (nmol/L)	Lab	✓	✓	✓
SerumFolateRes	Total Serum Folate (nmol/L) - Result Code	Lab	✓	✓	✓
SerumFolate_Comment*	Total Serum Folate (nmol/L) Comment	Lab	✓	✓	✓
v5_MethylTHF	5-Methyltetrahydrofolic acid (nmol/L)	Lab	✓	✓	✓
v5_MethylTHFRes	5-Methyltetrahydrofolic acid (nmol/L) - Result Code	Lab	✓	✓	✓
v5_MethylTHF_Comment*	5-Methyltetrahydrofolic acid (nmol/L) Comment	Lab	✓	✓	✓
Folic	Folic Acid (nmol/L)	Lab	✓	✓	✓
FolicRes	Folic Acid (nmol/L) - Result Code	Lab	✓	✓	✓
Folic_Comment*	Folic Acid (nmol/L) Comment	Lab	✓	✓	✓

v5_FormylTHF	5-Formyltetrahydrofolic acid (nmol/L)	Lab	✓	✓	✓
v5_FormylTHFRes	5-Formyltetrahydrofolic acid (nmol/L) - Result Code	Lab	✓	✓	✓
v5_FormylTHF_Comment*	5-Formyltetrahydrofolic acid (nmol/L) Comment	Lab	✓	✓	✓
THF	Tetrahydrofolic acid (nmol/L)	Lab	✓	✓	✓
THFRes	Tetrahydrofolic acid (nmol/L) - Result Code	Lab	✓	✓	✓
THF_Comment*	Tetrahydrofolic acid (nmol/L) Comment	Lab	✓	✓	✓
v5_10_MethenylTHF	5,10-Methenyltetrahydrofolic acid (nmol/L)	Lab	✓	✓	✓
v5_10_MethenylTHFRes	5,10-Methenyltetrahydrofolic acid (nmol/L) - Result Code	Lab	✓	✓	✓
v5_10_MethenylTHF_Comment*	5,10-Methenyltetrahydrofolic acid (nmol/L) Comments	Lab	✓	✓	✓
MeFox	MeFox (oxidation product of 5-methylTHF) (nmol/L)	Lab	✓	✓	✓
MeFoxRes	MeFox (oxidation product of 5-methylTHF) (nmol/L) - Result Code	Lab	✓	✓	✓
MeFox_Comment*	MeFox (oxidation product of 5-methylTHF) (nmol/L) Comment	Lab	✓	✓	✓

SPOT SAMPLE FOR URINARY IODINE

Variable	Description	Source	Year 9	Year 10	Year 11
SurveyYr	Survey year	Sample	✓	✓	✓
ISerial	Participant's ID	Sample	✓	✓	✓
Sex	Sex	Indiv	✓	✓	✓
Age	Age	Indiv	✓	✓	✓
Country	Country	Indiv	✓	✓	✓
WILLSPTUR	(D) Willing to provide spot urine sample	Derived	✓	✓	✓
SPTUROC	(D) Spot urine outcome	Derived	✓	✓	✓

Variable	Description	Source	Year 9	Year 10	Year 11
I_ug_L	Urinary iodine (µg/L)	Lab	✓	✓	✓
I_ug_LRes	Urinary iodine (µg/L) - Result code	Lab	✓	✓	✓
I_ug_L_Comment*	Urinary iodine (µg/L) Comment	Lab	✓	✓	✓

FOOD LEVEL DIETARY DATA

Admin

Variable	Description	Source	Year 9	Year 10	Year 11
ISERIAL ¹¹	Individual serial number	Diary	✓	✓	✓
SurveyYr	NDNS Survey year	Diary	✓	✓	✓
Age	Age	Indiv	✓	✓	✓
Sex	Sex	Indiv	✓	✓	✓
Country	Country	Indiv	✓	✓	✓
DIARYMTH	Month diary completed	Diary	✓	✓	✓
DayofWeek	Day of week	Diary	✓	✓	✓
DayNo	Diary day number (1-4)	Diary	✓	✓	✓
DiaryDaysCompleted	Number of diary days completed (3-4)	Diary	✓	✓	✓
MealTimeDescription	Meal time 'slot'	Diary	✓	✓	✓
MealTime	Exact meal time	Diary	✓	✓	✓

Food groups

Variable	Description	Source	Year 9	Year 10	Year 11
FoodNumber	NDNS databank food number	Diary	✓	✓	✓
FoodName	NDNS databank food name	Diary	✓	✓	✓
MainFoodGroupCode	Main food group code for the food	Diary	✓	✓	✓
MainFoodGroupDescription	Main food group description for the food	Diary	✓	✓	✓
SubFoodGroupCode	Subsidiary food group code for the food	Diary	✓	✓	✓
SubFoodGroupDescription	Subsidiary food group description for the food	Diary	✓	✓	✓
RecipeName	Recipe name	Diary	✓	✓	✓
RecipeMainFoodGroup	Main food group code for the recipe in which food a constituent ingredient	Diary	✓	✓	✓

¹¹ Variable renamed SERIALI in archived dataset

oupCode	(will be same as for food unless coded as part of a recipe)				
RecipeMainFoodGroupDesc	Main food group description for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Diary	✓	✓	✓
RecipeSubFoodGroupCode	Subsidiary food group code for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Diary	✓	✓	✓
RecipeSubFoodGroupDesc	Subsidiary food group description for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Diary	✓	✓	✓

Nutrients					
Variable	Description	Source	Year 9	Year 10	Year 11
Energykcal	Energy (kcal/portion)	Diary	✓	✓	✓
EnergykJ	Energy (kJ/portion)	Diary	✓	✓	✓
Proteing	Protein (g/portion)	Diary	✓	✓	✓
Fatg	Fat (g/portion)	Diary	✓	✓	✓
Carbohydrateg	Carbohydrate (g/portion)	Diary	✓	✓	✓
Sodiummg	Sodium (mg/portion)	Diary	✓	✓	✓
Potassiummg	Potassium (mg/portion)	Diary	✓	✓	✓
Calciummg	Calcium (mg/portion)	Diary	✓	✓	✓
Magnesiummg	Magnesium (mg/portion)	Diary	✓	✓	✓
Phosphorusmg	Phosphorus (mg/portion)	Diary	✓	✓	✓
Ironmg	Iron (mg/portion)	Diary	✓	✓	✓
Haemironmg	Haem Iron (mg/portion)	Diary	✓	✓	✓
Nonhaemironmg	Non-haem Iron (mg/portion)	Diary	✓	✓	✓
Coppermg	Copper (mg/portion)	Diary	✓	✓	✓
Zincmg	Zinc (mg/portion)	Diary	✓	✓	✓
Chloridemg	Chloride (mg/portion)	Diary	✓	✓	✓
Retinolµg	Retinol (µg/portion)	Diary	✓	✓	✓
Totalcaroteneµg	Total carotene (µg/portion)	Diary	✓	✓	✓
Alphacaroteneµg	Alpha carotene (µg/portion)	Diary	✓	✓	✓
Betacaroteneµg	Beta carotene (µg/portion)	Diary	✓	✓	✓
Betacryptoxanthinµg	Beta cryptoxanthin (µg/portion)	Diary	✓	✓	✓
VitaminAretinolequivalentsµg	Vitamin A retinol equivalents (µg/portion)	Diary	✓	✓	✓
VitaminDµg	Vitamin D (µg/portion)	Diary	✓	✓	✓
VitaminEmg	Vitamin E (mg/portion)	Diary	✓	✓	✓
Thiaminmg	Thiamin (mg/portion)	Diary	✓	✓	✓
Riboflavinmg	Riboflavin (mg/portion)	Diary	✓	✓	✓

Niacinequivalentmg	Niacinequivalent (mg/portion)	Diary	✓	✓	✓
VitaminB6mg	Vitamin B6 (mg/portion)	Diary	✓	✓	✓
VitaminB12µg	Vitamin B12 (µg/portion)	Diary	✓	✓	✓
Folateµg	Folate (µg/portion)	Diary	✓	✓	✓
Pantothenicacidmg	Pantothenic acid (mg/portion)	Diary	✓	✓	✓
Biotinµg	Biotin (µg/portion)	Diary	✓	✓	✓
VitaminCmg	Vitamin C (mg/portion)	Diary	✓	✓	✓
Alcoholg	Alcohol (g/portion)	Diary	✓	✓	✓
Waterg	Water (g/portion)	Diary	✓	✓	✓
Totalsugarsg	Total sugars (g/portion)	Diary	✓	✓	✓
Othersugarsg	Other sugars (g/portion)	Diary	✓	✓	✓
Starchg	Starch (g/portion)	Diary	✓	✓	✓
Glucoseg	Glucose (g/portion)	Diary	✓	✓	✓
Fructoseg	Fructose (g/portion)	Diary	✓	✓	✓
Sucroseg	Sucrose (g/portion)	Diary	✓	✓	✓
Maltoseg	Maltose (g/portion)	Diary	✓	✓	✓
Lactoseg	Lactose (g/portion)	Diary	✓	✓	✓
Nonmilkextrinsicsugarsg	Non milk extrinsic sugars (g/portion)	Diary	✓		
Intrinsicandmilksugarsg	Intrinsic and milk sugars (g/portion)	Diary	✓		
FreeSugarsg	Free sugars (g/portion)	Diary	✓	✓	✓
AOACFibreg	AOAC Fibre (g/portion)	Diary	✓	✓	✓
Englystfibreg	Non-starch polysaccharides (Englyst fibre) (g/portion)	Diary	✓		
Totalnitrogeng	Total nitrogen (g/portion)	Diary	✓	✓	✓
Manganesemg	Manganese (mg/portion)	Diary	✓	✓	✓
Iodineµg	Iodine (µg/portion)	Diary	✓	✓	✓
Seleniumµg	Selenium (µg/portion)	Diary	✓	✓	✓
Cholesterolmg	Cholesterol (mg/portion)	Diary	✓	✓	✓
Saturatedfattyacidsg	Saturated fatty acids (g/portion)	Diary	✓	✓	✓
CisMonounsaturatedfattyacidsg	Cis monounsaturated fatty acids (g/portion)	Diary	✓	✓	✓
Cisn6fattyacidsg	Cis-n6 fatty acids (g/portion)	Diary	✓	✓	✓
Cisn3fattyacidsg	Cis-n3 fatty acids (g/portion)	Diary	✓	✓	✓
Transfattyacidsg	Trans fatty acids (g/portion)	Diary	✓	✓	✓

Disaggregated foods					
Variable	Description	Source	Year 9	Year 10	Year 11
Fruitg	Fruit (including from composite dishes) (g/portion)	Diary	✓	✓	✓
DriedFruitg	Dried Fruit (including from composite dishes) (g/portion)	Diary	✓	✓	✓
FruitJuiceg	Fruit juice (including from composite dishes) (g/portion)	Diary	✓	✓	✓
SmoothieFruitg	Fruit from smoothies (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Tomatoesg	Tomatoes (including from composite dishes) (g/portion)	Diary	✓	✓	✓
TomatoPureeg	Tomato puree (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Brassicaceae	Brassicaceae (including from composite dishes) (g/portion)	Diary	✓	✓	✓
YellowRedGreeng	Yellow, red and green vegetables (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Beansg	Beans (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Nutsg	Nuts (including from composite dishes) (g/portion)	Diary	✓	✓	✓
OtherVegg	Other vegetables (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Beefg	Beef (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Lambg	Lamb (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Porkg	Pork (including from composite dishes) (g/portion)	Diary	✓	✓	✓
ProcessedRedMeatg	Processed red meat (including from composite dishes) (g/portion)	Diary	✓	✓	✓
OtherRedMeatg	Other red meat (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Burgersg	Burgers (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Sausagesg	Sausages (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Offalg	Offal (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Poultryg	Poultry (including from composite dishes) (g/portion)	Diary	✓	✓	✓
ProcessedPoultryg	Processed poultry (including from composite dishes) (g/portion)	Diary	✓	✓	✓
GameBirdsg	Game birds (including from composite dishes) (g/portion)	Diary	✓	✓	✓
WhiteFishg	White fish (including from composite dishes) (g/portion)	Diary	✓	✓	✓
OilyFishg	Oily fish (including from composite dishes) (g/portion)	Diary	✓	✓	✓
CannedTunag	Canned tuna (including from composite dishes) (g/portion)	Diary	✓	✓	✓
Shellfishg	Shellfish (including from composite dishes) (g/portion)	Diary	✓	✓	✓
CottageCheeseg	Cottage cheese (including from composite dishes) (g/portion)	Diary	✓	✓	✓
CheddarCheeseg	Cheddar cheese (including from composite dishes) (g/portion)	Diary	✓	✓	✓
OtherCheeseg	Other cheese (including from composite dishes) (g/portion)	Diary	✓	✓	✓
TotalGrams	Amount/units per portion	Diary	✓	✓	✓

Other information					
Variable	Description	Source	Year 9	Year 10	Year 11
WhoWith	Who eaten with	Diary	✓	✓	✓
WhoWithOther*	Who eaten with (other)	Diary	✓	✓	✓
Where	Where eaten	Diary	✓	✓	✓
WhereOther*	Where eaten (other)	Diary	✓	✓	✓
WatchingTV	Watching TV	Diary	✓	✓	✓
Table	Sitting at table	Diary	✓	✓	✓

DAY LEVEL DIETARY DATA - FOODS

Admin					
Variable	Description	Source	Year 9	Year 10	Year 11
ISERIAL ¹²	Individual serial number	Diary	✓	✓	✓
SurveyYear	Survey year	Diary	✓	✓	✓
Diarymth	Month diary completed	Diary	✓	✓	✓
DayofWeek	Day of week	Diary	✓	✓	✓
Age	Age	Indiv	✓	✓	✓
Sex	Sex	Indiv	✓	✓	✓
Country	Country	Indiv	✓	✓	✓

Food groups (not including disaggregated foods)						
Variable	Description	Source	Year 9	Year 10	Year 11	
BACONANDHAM	Bacon and ham (g)	Diary	✓	✓	✓	
BEEFVEALANDDISHES	Beef, veal and dishes (g)	Diary	✓	✓	✓	
BEERLAGERCIDERPERRY	Beer, lager, cider and perry (g)	Diary	✓	✓	✓	
BISCUITS	Biscuits (g)	Diary	✓	✓	✓	
BROWNGRANARYANDWHEATGERMBREAD	Brown, granary and wheatgerm bread (g)	Diary	✓	✓	✓	
BUNSCAKESPASTRIESFRUITPIES	Buns, cakes, pastries and fruit pies (g)	Diary	✓	✓	✓	
BURGERSANDKEBABS	Burgers and kebabs (g)	Diary	✓	✓	✓	
BUTTER	Butter (g)	Diary	✓	✓	✓	
CHEESE	Cheese (g)	Diary	✓	✓	✓	
CHICKENANDTURKEYDISHES	Chicken and turkey dishes (g)	Diary	✓	✓	✓	
CHIPSFRIEDROASTPOTATOESANDPOTATOPRODUCTS	Chips, fried and roast potatoes and potato products (g)	Diary	✓	✓	✓	
CHOCOLATECONFECTIONERY	Chocolate confectionery (g)	Diary	✓	✓	✓	
COATEDCHICKEN	Coated chicken and turkey (g)	Diary	✓	✓	✓	

¹² Variable renamed SERIALI in archived dataset

COMMERCIALTODDLERSFOODSANDDRINKS	Commercial toddler foods and drinks (g)	Diary	✓	✓	✓
CRISPSANDSAVOURYSNACKS	Crisps and savoury snacks (g)	Diary	✓	✓	✓
EGGSANDEGGDISHES	Eggs and egg dishes (g)	Diary	✓	✓	✓
FRUIT	Fruit (g)	Diary	✓	✓	✓
FRUITJUICE	Fruit juice including smoothies (g)	Diary	✓	✓	✓
HIGHFIBREBREAKFASTCEREALS	High fibre breakfast cereals (g)	Diary	✓	✓	✓
ICECREAM	Ice cream (g)	Diary	✓	✓	✓
LAMBANDDISHES	Lamb and dishes (g)	Diary	✓	✓	✓
LIVERDISHES	Liver and dishes (g)	Diary	✓	✓	✓
LOWFATSPREAD	Low fat spread (g)	Diary	✓	✓	✓
MEATPIESANDPASTRIES	Meat pies and pastries (g)	Diary	✓	✓	✓
NUTSANDSEEDS	Nuts and seeds (g)	Diary	✓	✓	✓
OILYFISH	Oily fish (g)	Diary	✓	✓	✓
ONEPERCENTMILK	One percent milk (g)	Diary	✓	✓	✓
OTHERBREAD	Other bread (g)	Diary	✓	✓	✓
OTHERBREAKFASTCEREALS	Other breakfast cereals (g)	Diary	✓	✓	✓
OTHERMARGARINEFATSANDOILS	Other margarine, fats and oils (g)	Diary	✓	✓	✓
OTHERMEATANDMEATPRODUCTS	Other meat and meat products (g)	Diary	✓	✓	✓
OTHERMILKANDCREAM	Other milk and cream (g)	Diary	✓	✓	✓
OTHERPOTATOESPOTATOSALADSDISHES	Other potatoes, potato salads and dishes (g)	Diary	✓	✓	✓
OTHERWHITEFISHSHELLFISHFISHDISHES	Other white fish, shellfish and fish dishes (g)	Diary	✓	✓	✓
PASTARICEANDOTHERCEREALS	Pasta, rice and other cereals (g)	Diary	✓	✓	✓
PORKANDDISHES	Pork and dishes (g)	Diary	✓	✓	✓
PUDDINGS	Puddings (g)	Diary	✓	✓	✓
PUFAMARGARINEOILS	PUFA margarine and oils (g)	Diary	✓	✓	✓
REDUCEDFATSPREAD	Reduced fat spread (g)	Diary	✓	✓	✓
SALADANDOTHERRAWVEGETABLES	Salad and other raw vegetables (g)	Diary	✓	✓	✓
SAUSAGES	Sausages (g)	Diary	✓	✓	✓
SEMISKIMMEDMILK	Semi skimmed milk (g)	Diary	✓	✓	✓
SKIMMEDMILK	Skimmed milk (g)	Diary	✓	✓	✓
SMOOTHIES100FRUITANDORJUICE	Smoothies 100% fruit and/or juice (g)	Diary	✓	✓	✓
SOFTDRINKSLOWCALORIE	Soft drinks low calorie (g)	Diary	✓	✓	✓

SOFTDRINKSNOTLOWCALORIE	Soft drinks not low calorie (g)	Diary	✓	✓	✓
SPIRITSANDLIQUEURS	Spirits and liqueurs (g)	Diary	✓	✓	✓
SUGARCONFECTIONERY	Sugar confectionery (g)	Diary	✓	✓	✓
SUGARSPRESERVESANDSWEETSPREADS	Sugar, preserves and sweet spreads (g)	Diary	✓	✓	✓
TEACOFFEEANDWATER	Tea, coffee and water (g)	Diary	✓	✓	✓
VEGETABLESNOTRAW	Vegetables not raw (g)	Diary	✓	✓	✓
WHITEBREAD	White bread (g)	Diary	✓	✓	✓
WHITEFISHCOATEDORFRIED	White fish coated or fried (g)	Diary	✓	✓	✓
WHOLEMEALBREAD	Wholemeal bread (g)	Diary	✓	✓	✓
WHOLEMILK	Whole milk (g)	Diary	✓	✓	✓
WINE	Wine (g)	Diary	✓	✓	✓
YOGURTFROMAGEFRAISANDDAIRYDESSERTS	Yogurt, fromage frais and dairy desserts (g)	Diary	✓	✓	✓
DRYWEIGHTBEVERAGES	Dry weight beverages (g)	Diary	✓	✓	✓
CHEDDARCHEESE	Cheddar cheese (g)	Diary	✓	✓	✓
COTTAGECHEESE	Cottage cheese (g)	Diary	✓	✓	✓
LOWFATSPREADNOTPOLYUNSATURATED	Low fat spread not polyunsaturated (g)	Diary	✓	✓	✓
OTHERCHEESE	Other cheese (g)	Diary	✓	✓	✓
POLYUNSATURATEDLOWFATSPREAD	Polyunsaturated low fat spread (g)	Diary	✓	✓	✓
REDUCEDFATSPREADNOTPOLYUNSATURATED	Reduced fat spread not polyunsaturated (g)	Diary	✓	✓	✓
REDUCEDFATSPREADPOLYUNSATURATED	Reduced fat spread polyunsaturated (g)	Diary	✓	✓	✓
SAVOURYSAUCESPICKLESGRAVIESCONDIMENTS	Sauces, pickles and gravies (g)	Diary	✓	✓	✓
SOUPHOMEMADEANDRETAIL	Soup homemade and retail (g)	Diary	✓	✓	✓

Other dietary information

Variable	Description	Source	Year 9	Year 10	Year 11
SpecialDiet	Following a special diet during recording period	Diary	✓	✓	✓
SpecialDietDetails*	Details of special diet	Diary	✓	✓	✓
Supps	Dietary Supplements taken on this day	Diary	✓	✓	✓
UsualFoodQuantity	Food quantity on this day (Usual, More, Less, Don't know)	Diary	✓	✓	✓
LessFoodReason	Why less food	Diary	✓	✓	✓
LessFoodOtherReason*	Why less food (Other)	Diary	✓	✓	✓

MoreFoodReason	Why more food	Diary	✓	✓	✓
MoreFoodOtherReason*	Why more food (Other)	Diary	✓	✓	✓
UsualDrinkQuantity	Drink quantity on this day (Usual, More, Less, Don't know)	Diary	✓	✓	✓
LessDrinkReason	Why less drink	Diary	✓	✓	✓
LessDrinkOtherReason*	Why less drink (Other)	Diary	✓	✓	✓
MoreDrinkReason	Why more drink	Diary	✓	✓	✓
MoreDrinkOtherReason*	Why more drink (other)	Diary	✓	✓	✓

DAY LEVEL DIETARY DATA - NUTRIENTS

Admin					
Variable	Description	Source	Year 9	Year 10	Year 11
ISERIAL ¹³	Individual serial number	Diary	✓	✓	✓
SurveyYear	Survey year	Diary	✓	✓	✓
Diarymth	Month diary completed	Diary	✓	✓	✓
DayofWeek	Day of week	Diary	✓	✓	✓
Age	Age	Indiv	✓	✓	✓
Sex	Sex	Indiv	✓	✓	✓
Country	Country	Indiv	✓	✓	✓

Nutrients (diet only)					
Variable	Description	Source	Year 9	Year 10	Year 11
Energykcal	Total energy (kcal) diet only	Diary	✓	✓	✓
EnergykJ	Total energy (kJ) diet only	Diary	✓	✓	✓
FoodEkcal	Food energy (kcal) diet only	Derived	✓	✓	✓
FoodEkJ	Food energy (kJ) diet only	Derived	✓	✓	✓
Proteing	Protein (g) diet only	Diary	✓	✓	✓
Fatg	Fat (g) diet only	Diary	✓	✓	✓
Carbohydrateg	Carbohydrate (g) diet only	Diary	✓	✓	✓
Sodiummg	Sodium (mg) diet only	Diary	✓	✓	✓
Potassiummg	Potassium (mg) diet only	Diary	✓	✓	✓
Calciummg	Calcium (mg) diet only	Diary	✓	✓	✓
Magnesiummg	Magnesium (mg) diet only	Diary	✓	✓	✓
Phosphorusmg	Phosphorus (mg) diet only	Diary	✓	✓	✓
Ironmg	Iron (mg) diet only	Diary	✓	✓	✓
Haemironmg	Haem iron (mg) diet only	Diary	✓	✓	✓

¹³ Variable renamed SERIALI in archived dataset

Nonhaemironmg	Non-haem iron (mg) diet only	Diary	✓	✓	✓
Coppermg	Copper (mg) diet only	Diary	✓	✓	✓
Zincmg	Zinc (mg) diet only	Diary	✓	✓	✓
Chloridemg	Chloride (mg) diet only	Diary	✓	✓	✓
Retinolµg	Retinol (µg) diet only	Diary	✓	✓	✓
Totalcaroteneµg	Total carotene (µg) diet only	Diary	✓	✓	✓
Alphacaroteneµg	Alpha carotene (µg) diet only	Diary	✓	✓	✓
Betacaroteneµg	Beta carotene (µg) diet only	Diary	✓	✓	✓
Betacryptoxanthinµg	Betacryptoxanthin (µg) diet only	Diary	✓	✓	✓
VitaminAretinolequivalentsµg	Vitamin A (retinol equivalents) (µg) diet only	Diary	✓	✓	✓
VitaminDµg	Vitamin D (µg) diet only	Diary	✓	✓	✓
VitaminEmg	Vitamin E (mg) diet only	Diary	✓	✓	✓
Thiaminmg	Thiamin (mg) diet only	Diary	✓	✓	✓
Riboflavinmg	Riboflavin (mg) diet only	Diary	✓	✓	✓
Niacinequivalentmg	Niacin equivalent (mg) diet only	Diary	✓	✓	✓
VitaminB6mg	Vitamin B6 (mg) diet only	Diary	✓	✓	✓
VitaminB12µg	Vitamin B12 (µg) diet only	Diary	✓	✓	✓
Folateµg	Folate (µg) diet only	Diary	✓	✓	✓
Pantothenicacidmg	Pantothenic acid (mg) diet only	Diary	✓	✓	✓
Biotinµg	Biotin (µg) diet only	Diary	✓	✓	✓
VitaminCmg	Vitamin C (mg) diet only	Diary	✓	✓	✓
Alcoholg	Alcohol (g) diet only	Diary	✓	✓	✓
Totalsugarsg	Total sugars (g) diet only	Diary	✓	✓	✓
Othersugarsg	Other sugars (g) diet only	Diary	✓	✓	✓
Starchg	Starch (g) diet only	Diary	✓	✓	✓
Glucoseg	Glucose (g) diet only	Diary	✓	✓	✓
Fructoseg	Fructose (g) diet only	Diary	✓	✓	✓
Sucroseg	Sucrose (g) diet only	Diary	✓	✓	✓
Maltoseg	Maltose (g) diet only	Diary	✓	✓	✓
Lactoseg	Lactose (g) diet only	Diary	✓	✓	✓
Nonmilkextrinsicsugarsg	Non-milk extrinsic sugars (g) diet only	Diary	✓	✓	✓

Intrinsicandmilksugarsg	Intrinsic milk sugars (g) diet only	Diary	✓		
Intrinsicandmilksugarsandstarch	Intrinsic milk sugars and starch (g) diet only	Diary	✓		
Englystfibreg	Non-starch polysaccharides (Englyst fibre) (g) diet only	Diary	✓	✓	✓
FreeSugarsg	Free sugars (g) diet only	Diary	✓	✓	✓
AOACFibreg	AOAC Fibre (g) diet only	Diary	✓	✓	✓
TotalNitrogeng	Total nitrogen (g) diet only	Diary	✓	✓	✓
Manganesemg	Manganese (mg) diet only	Diary	✓	✓	✓
Iodineµg	Iodine (µg) diet only	Diary	✓	✓	✓
Seleniumµg	Selenium (µg) diet only	Diary	✓	✓	✓
Saturatedfattyacidsg	Saturated fatty acids (g) diet only	Diary	✓	✓	✓
CisMonounsaturatedfattyacidsg	Cis-monounsaturated fatty acids (g) diet only	Diary	✓	✓	✓
Cisn6fattyacidsg	Cis n-6 fatty acids (g) diet only	Diary	✓	✓	✓
Cisn3fattyacidsg	Cis n-3 fatty acids (g) diet only	Diary	✓	✓	✓
Transfattyacidsg	Trans fatty acids (g) diet only	Diary	✓	✓	✓

Disaggregated foods					
Variable	Description	Source	Year 9	Year 10	Year 11
Fruitg	Fruit (incl from composite dishes) (g)	Diary	✓	✓	✓
DriedFruitg	Dried fruit (incl from composite dishes) (g)	Diary	✓	✓	✓
FruitJuiceg	Fruit juice (incl from composite dishes) (g)	Diary	✓	✓	✓
FruitJuiceg100percent	Fruit juice from 100% juice or smoothies derived to calculate 5-a-day portions (g)	Diary	✓	✓	✓
SmoothieFruitg	Fruit from smoothies (incl from composite dishes) (g)	Diary	✓	✓	✓
Tomatoesg	Tomatoes (incl from composite dishes) (g)	Diary	✓	✓	✓
TomatoPureeg	Tomato puree (incl from composite dishes) (g)	Diary	✓	✓	✓
Brassicaceae	Brassicaceae (incl from composite dishes) (g)	Diary	✓	✓	✓
YellowRedGreeng	Yellow/red/green vegetables (incl from composite dishes) (g)	Diary	✓	✓	✓
Beansg	Beans (incl from composite dishes) (g)	Diary	✓	✓	✓
Nutsg	Nuts (incl from composite dishes) (g)	Diary	✓	✓	✓
OtherVegg	Other vegetables (incl from composite dishes) (g)	Diary	✓	✓	✓

fruitjuicemax	Fruit juice g (maximum 150g)	Derived	✓	✓	✓
Driedfruitx3	Dried fruit g x 3	Derived	✓	✓	✓
Tompureex5	Tomato puree g x 5	Derived	✓	✓	✓
beansmax	Beans g (maximum 80g)	Derived	✓	✓	✓
smoothiefruitmax	Fruit from smoothies g (maximum 160g)	Derived	✓	✓	✓
Beefg	Beef (incl from composite dishes) (g)	Diary	✓	✓	✓
Lambg	Lamb (incl from composite dishes) (g)	Diary	✓	✓	✓
Porkg	Pork (incl from composite dishes) (g)	Diary	✓	✓	✓
ProcessedRedMeatg	Processed red meat (incl from composite dishes) (g)	Diary	✓	✓	✓
OtherRedMeatg	Other red meat (incl from composite dishes) (g)	Diary	✓	✓	✓
Burgersg	Burgers (incl from composite dishes) (g)	Diary	✓	✓	✓
Sausagesg	Sausages (incl from composite dishes) (g)	Diary	✓	✓	✓
Offalg	Offal (incl from composite dishes) (g)	Diary	✓	✓	✓
Poultryg	Poultry (incl from composite dishes) (g)	Diary	✓	✓	✓
ProcessedPoultryg	Processed poultry (incl from composite dishes) (g)	Diary	✓	✓	✓
GameBirdsg	Game birds (incl from composite dishes) (g)	Diary	✓	✓	✓
WhiteFishg	White fish (incl from composite dishes) (g)	Diary	✓	✓	✓
OilyFishg	Oily fish (incl from composite dishes) (g)	Diary	✓	✓	✓
CannedTunag	Canned tuna (incl from composite dishes) (g)	Diary	✓	✓	✓
Shellfishg	Shellfish (incl from composite dishes) (g)	Diary	✓	✓	✓
CottageCheeseg	Cottage cheese (incl from composite dishes) (g)	Diary	✓	✓	✓
CheddarCheeseg	Cheddar cheese (incl from composite dishes) (g)	Diary	✓	✓	✓
OtherCheeseg	Other cheese (incl from composite dishes) (g)	Diary	✓	✓	✓
TotalGrams	Total grams of food consumed	Diary	✓	✓	✓

Nutrients (including supplements)					
Variable	Description	Source	Year 9	Year 10	Year 11
Potassiummgplussupps	Potassium (mg) including supplements	Diary	✓	✓	✓
Calciummgplussupps	Calcium (mg) including supplements	Diary	✓	✓	✓
Magnesiummgplussupps	Magnesium (mg) including supplements	Diary	✓	✓	✓
Ironmgplussupps	Iron (mg) including supplements	Diary	✓	✓	✓
Coppermgplussupps	Copper (mg) including supplements	Diary	✓	✓	✓
Zincmgplussupps	Zinc (mg) including supplements	Diary	✓	✓	✓
Retinolugplussupps	Retinol (µg) including supplements	Diary	✓	✓	✓
VitaminAretinolequivalentsugplussupps	Vitamin A (retinol equivalents) (µg) including supplements	Diary	✓	✓	✓
VitaminDugplussupps	Vitamin D (µg) including supplements	Diary	✓	✓	✓
VitaminEmgplussupps	Vitamin E (mg) including supplements	Diary	✓	✓	✓
Thiaminmgplussupps	Thiamin (mg) including supplements	Diary	✓	✓	✓
Riboflavinmgplussupps	Riboflavin (mg) including supplements	Diary	✓	✓	✓
Niacinequivalentmgplussupps	Niacin equivalent (mg) including supplements	Diary	✓	✓	✓
VitaminB6mgplussupps	Vitamin B6 (mg) including supplements	Diary	✓	✓	✓
VitaminB12ugplussupps	Vitamin B12 (µg) including supplements	Diary	✓	✓	✓
Folateugplussupps	Folate (µg) including supplements	Diary	✓	✓	✓
VitaminCmgplussupps	Vitamin C (mg) including supplements	Diary	✓	✓	✓
Iodineugplussupps	Iodine (µg) including supplements	Diary	✓	✓	✓
Seleniumugplussupps	Selenium (µg) including supplements	Diary	✓	✓	✓

Other dietary information					
Variable	Description	Source	Year 9	Year 10	Year 11
SpecialDiet	Following a special diet during recording period	Diary	✓	✓	✓
SpecialDietDetails*	Details of special diet	Diary	✓	✓	✓
Supps	Dietary Supplements taken on this day	Diary	✓	✓	✓
UsualFoodQuantity	Food quantity on this day (Usual, More, Less, Don't know)	Diary	✓	✓	✓
LessFoodReason	Why less food	Diary	✓	✓	✓
LessFoodOtherReason*	Why less food (Other)	Diary	✓	✓	✓

MoreFoodReason	Why more food	Diary	✓	✓	✓
MoreFoodOtherReason*	Why more food (Other)	Diary	✓	✓	✓
UsualDrinkQuantity	Drink quantity on this day (Usual, More, Less, Don't know)	Diary	✓	✓	✓
LessDrinkReason	Why less drink	Diary	✓	✓	✓
LessDrinkOtherReason*	Why less drink (Other)	Diary	✓	✓	✓
MoreDrinkReason	Why more drink	Diary	✓	✓	✓
MoreDrinkOtherReason*	Why more drink (other)	Diary	✓	✓	✓

Supplements					
Variable	Description	Source	Year 9	✓	✓
CALCIUMONLYORWITHVITAMIND	Calcium only or with vitamin D	Diary	✓	✓	✓
CODLIVEROILANDOTHERFISHOILSINCLVITADE	Cod liver and other fish oils	Derived	✓	✓	✓
EVENINGPRIMROSEOILANDOTHERPLANTOILS	Evening primrose and other plant oils	Diary	✓	✓	✓
FOLICACID	Folic acid	Diary	✓	✓	✓
IRONONLYORWITHVITAMINC	Iron only or with vitamin C	Diary	✓	✓	✓
MULTIVITAMINANDORMINERALSWITHOMEGA3	Multivitamins and minerals with omega 3	Diary	✓	✓	✓
NONNUTRIENTSUPPLEMENTSINCLHERBAL	Non-nutrient supplements (including herbal)	Diary	✓	✓	✓
OTHERNUTRIENTSUPPLEMENTS	Other nutrient supplements	Diary	✓	✓	✓
VITC	Vitamin C	Diary	✓	✓	✓
VITAMINSANDMINERAL SINCLMULTIVITSMINERALS	Multivitamins and minerals	Diary	✓	✓	✓
VITAMINSTWOORMOREINCLMULTIVITSNOMINERALS	Multi-vitamins (no minerals)	Diary	✓	✓	✓
SINGLEVITAMINSMINERALS	Single vitamins/minerals	Derived	✓	✓	✓

PERSON LEVEL DIETARY DATA

Admin

Variable	Description	Source	Year 9	Year 10	Year 11
ISERIAL ¹⁴	Individual serial number	Diary	✓	✓	✓
SurveyYear	Survey year	Diary	✓	✓	✓
Ndays	Number of diary days	Diary	✓	✓	✓
Age	Age	Indiv	✓	✓	✓
Sex	Sex	Indiv	✓	✓	✓
Country	Country	Indiv	✓	✓	✓

Nutrients (diet only)

Variable	Description	Source	Year 9	Year 10	Year 11
TotalEMJ	Total energy (MJ) diet only	Diary	✓	✓	✓
FoodEMJ	Food energy (MJ) diet only	Diary	✓	✓	✓
EnergykJ	Total energy (kJ) diet only	Diary	✓	✓	✓
FoodEkJ	Food energy (kJ) diet only	Derived	✓	✓	✓
Energykcal	Total energy (kcal) diet only	Derived	✓	✓	✓
FoodEkcal	Food energy (kcal) diet only	Derived	✓	✓	✓
Proteing	Protein (g) diet only	Diary	✓	✓	✓
Fatg	Fat (g) diet only	Diary	✓	✓	✓
Saturatedfattyacidsg	Saturated fatty acids (g) diet only	Diary	✓	✓	✓
CisMonounsaturatedfattyacidsg	Cis-Monounsaturated fatty acids (g) diet only	Diary	✓	✓	✓
Cisn6fattyacidsg	Cis n-6 fatty acids (g) diet only	Diary	✓	✓	✓
Cisn3fattyacidsg	Cis n-3 fatty acids (g) diet only	Diary	✓	✓	✓
Transfattyacidsg	Trans fatty acids (g) diet only	Diary	✓	✓	✓
Carbohydrateg	Carbohydrate (g) diet only	Diary	✓	✓	✓
Totalsugarsg	Total sugars (g) diet only	Diary	✓	✓	✓

¹⁴ Variable renamed SERIALI in archived dataset

Othersugarsg	Other sugars (g) diet only	Diary	✓	✓	✓
Starchg	Starch (g) diet only	Diary	✓	✓	✓
Glucoseg	Glucose (g) diet only	Diary	✓	✓	✓
Fructoseg	Fructose (g) diet only	Diary	✓	✓	✓
Sucroseg	Sucrose (g) diet only	Diary	✓	✓	✓
Maltoseg	Maltose (g) diet only	Diary	✓	✓	✓
Lactoseg	Lactose (g) diet only	Diary	✓	✓	✓
Nonmilkextrinsicsugarsg	Non-milk extrinsic sugars (g) diet only	Diary	✓	✓	✓
Intrinsicandmilksugarsg	Intrinsic and milk sugars (g) diet only	Diary	✓		
Intrinsicandmilksugarsandstarchg	Intrinsic and milk sugars and starch (g) diet only	Diary	✓		
Englystfibreg	Non-starch polysaccharides (Englyst fibre) (g) diet only	Diary	✓	✓	✓
FreeSugarsg	Free sugars (g) diet only	Diary	✓	✓	✓
AOACFibreg	AOAC Fibre (g) diet only	Diary	✓	✓	✓
Retinolµg	Retinol (µg) diet only	Diary	✓	✓	✓
Totalcaroteneµg	Total carotene (µg) diet only	Diary	✓	✓	✓
Alphacaroteneµg	Alphacarotene (µg) diet only	Diary	✓	✓	✓
Betacaroteneµg	Betacarotene (µg) diet only	Diary	✓	✓	✓
Betacryptoxanthinµg	Betacryptoxanthin (µg) diet only	Diary	✓	✓	✓
VitaminAretinolequivalentsµg	Vitamin A (retinol equivalents) (µg) diet only	Diary	✓	✓	✓
VitaminDµg	Vitamin D (µg) diet only	Diary	✓	✓	✓
VitaminEmg	Vitamin E (mg) diet only	Diary	✓	✓	✓
Thiaminmg	Thiamin (mg) diet only	Diary	✓	✓	✓
Riboflavinmg	Riboflavin (mg) diet only	Diary	✓	✓	✓
Niacinequivalentmg	Niacin equivalent (mg) diet only	Diary	✓	✓	✓
VitaminB6mg	Vitamin B6 (mg) diet only	Diary	✓	✓	✓
VitaminB12µg	Vitamin B12 (µg) diet only	Diary	✓	✓	✓
Folateµg	Folate (µg) diet only	Diary	✓	✓	✓
Pantothenicacidmg	Pantothenic acid (mg) diet only	Diary	✓	✓	✓
Biotinµg	Biotin (µg) diet only	Diary	✓	✓	✓
VitaminCmg	Vitamin C (mg) diet only	Diary	✓	✓	✓

Sodiummg	Sodium (mg) diet only	Diary	✓	✓	✓
Potassiummg	Potassium (mg) diet only	Diary	✓	✓	✓
Calciummg	Calcium (mg) diet only	Diary	✓	✓	✓
Magnesiummg	Magnesium (mg) diet only	Diary	✓	✓	✓
Phosphorusmg	Phosphorus (mg) diet only	Diary	✓	✓	✓
Ironmg	Iron (mg) diet only	Diary	✓	✓	✓
Haemironmg	Haem iron (mg) diet only	Diary	✓	✓	✓
Nonhaemironmg	Non-haem iron (mg) diet only	Diary	✓	✓	✓
Coppermg	Copper (mg) diet only	Diary	✓	✓	✓
Zincmg	Zinc (mg) diet only	Diary	✓	✓	✓
Chloridemg	Chloride (mg) diet only	Diary	✓	✓	✓
Totalnitrogeng	Total nitrogen (g) diet only	Diary	✓	✓	✓
Manganesemg	Manganese (mg) diet only	Diary	✓	✓	✓
Iodineµg	Iodine (µg) diet only	Diary	✓	✓	✓
Seleniumµg	Selenium (µg) diet only	Diary	✓	✓	✓
Alcoholg	Alcohol (g) diet only	Diary	✓	✓	✓

Nutrients (including supplements)					
Variable	Description	Source	Year 9	Year 10	Year 11
Potassiummgplussupps	Potassium (mg) including supplements	Diary	✓	✓	✓
Calciummgplussupps	Calcium (mg) including supplements	Diary	✓	✓	✓
Magnesiummgplussupps	Magnesium (mg) including supplements	Diary	✓	✓	✓
Ironmgplussupps	Iron (mg) including supplements	Diary	✓	✓	✓
Coppermgplussupps	Copper (mg) including supplements	Diary	✓	✓	✓
Zincmgplussupps	Zinc (mg) including supplements	Diary	✓	✓	✓
Retinolµgplussupps	Retinol (µg) including supplements	Diary	✓	✓	✓
VitaminAretinolequivalentsµgplussupps	Vitamin A (retinol equivalents) (µg) including supplements	Diary	✓	✓	✓
VitaminDµgplussupps	Vitamin D (µg) including supplements	Diary	✓	✓	✓
VitaminEmgplussupps	Vitamin E (mg) including supplements	Diary	✓	✓	✓
Thiaminmgplussupps	Thiamin (mg) including supplements	Diary	✓	✓	✓

Riboflavinmgplussupps	Riboflavin (mg) including supplements	Diary	✓	✓	✓
Niacinequivalentmgplussupps	Niacin equivalents (mg) including supplements	Diary	✓	✓	✓
VitaminB6mgplussupps	Vitamin B6 (mg) including supplements	Diary	✓	✓	✓
VitaminB12µgplussupps	Vitamin B12 (µg) including supplements	Diary	✓	✓	✓
Folateµgplussupps	Folate (µg) including supplements	Diary	✓	✓	✓
VitaminCmgplussupps	Vitamin C (mg) including supplements	Diary	✓	✓	✓
Iodineµgplussupps	Iodine (µg) including supplements	Diary	✓	✓	✓
Seleniumµgplussupps	Selenium (µg) including supplements	Diary	✓	✓	✓

Variable	Description	Source	Year 9	Year 10	Year 11
EMJear	Energy (MJ) (EAR)	COMA	✓	✓	✓
Ekcalear	Energy (kcal) (EAR)	COMA	✓	✓	✓
PCSACNEAR	Total energy MJ as % of EAR	SACN	✓	✓	✓
Protrni	Protein (g) (RNI)	COMA	✓	✓	✓
Thiaminrni	Thiamin (mg) (RNI)	COMA	✓	✓	✓
EARthiamin	EARthiamin (mg/1000kcal)	COMA	✓	✓	✓
Thiaminlrni	Thiamin (mg/1000kcal) (LRNI)	COMA	✓	✓	✓
Riboflavinrni	Riboflavin (mg) (RNI)	COMA	✓	✓	✓
EARriboflavin	EARriboflavin	COMA	✓	✓	✓
Riboflavinlrni	Riboflavin (mg) (LRNI)	COMA	✓	✓	✓
Niacinrni	Niacin (mg) (RNI)	COMA	✓	✓	✓
Niacinlrni	Niacin (mg NE/1000kcal) (LRNI)	COMA	✓	✓	✓
VitB6rni	Vit B6 (mg) (RNI)	COMA	✓	✓	✓
EARvitB6	EARvitB6	COMA	✓	✓	✓
VitB6lrni	Vit B6 (ug/g protein) (LRNI)	COMA	✓	✓	✓
VitB12rni	Vit B12 (ug) (RNI)	COMA	✓	✓	✓
EARvitB12	EARvitB12	COMA	✓	✓	✓
VitB12lrni	Vit B12 (ug) (LRNI)	COMA	✓	✓	✓
Folaterni	Folate (ug) (RNI)	COMA	✓	✓	✓
EARfolate	EARfolate	COMA	✓	✓	✓
Folatelrni	Folate (ug) (LRNI)	COMA	✓	✓	✓

VitCrni	Vit C (mg) (RNI)	COMA	✓	✓	✓
EARvitC	EARvitC	COMA	✓	✓	✓
VitClrni	Vit C (mg) (LRNI)	COMA	✓	✓	✓
VitDrni	Vit D (ug) (RNI (Safe intake for 1.5-3yr olds))	COMA	✓	✓	✓
VitArni	Vit A (ug) (RNI)	COMA	✓	✓	✓
EARVitA	EARVitA	COMA	✓	✓	✓
VitAlrni	Vit A (ug) (LRNI)	COMA	✓	✓	✓
Calciumrni	Ca (mg) (RNI)	COMA	✓	✓	✓
EARcalcium	EARcalcium	COMA	✓	✓	✓
Calciumlrni	Ca (mg) (LRNI)	COMA	✓	✓	✓
Phosphorusrni	P (mg) (RNI)	COMA	✓	✓	✓
Magnesiumrni	Mg (mg) (RNI)	COMA	✓	✓	✓
EARmagnesium	EARmagnesium	COMA	✓	✓	✓
Magnesiumlrni	Mg (mg) (LRNI)	COMA	✓	✓	✓
Sodiumrni	Na (mg) (RNI)	COMA	✓	✓	✓
Sodiumlrni	Na (mg) (LRNI)	COMA	✓	✓	✓
Potassiumrni	K (mg) (RNI)	COMA	✓	✓	✓
Potassiumlrni	K (mg) (LRNI)	COMA	✓	✓	✓
Chlorinerni	Cl (mg) (RNI)	COMA	✓	✓	✓
Ironrni	Fe (mg) (RNI)	COMA	✓	✓	✓
EARIron	EARIron	COMA	✓	✓	✓
Ironlrni	Fe (mg) (LRNI)	COMA	✓	✓	✓
Zincrni	Zn (mg) (RNI)	COMA	✓	✓	✓
EARzinc	EARzinc	COMA	✓	✓	✓
Zinclrni	Zn (mg) (LRNI)	COMA	✓	✓	✓
Copperrni	Cu (mg) (RNI)	COMA	✓	✓	✓
Seleniumrni	Se (ug) (RNI)	COMA	✓	✓	✓
Seleniumlrni	Se (ug) (LRNI)	COMA	✓	✓	✓
Iodinerni	I (ug) (RNI)	COMA	✓	✓	✓
Iodinelrni	I (ug) (LRNI)	COMA	✓	✓	✓
Pantothenicsilo	Pantothenic acid (mg) (Safe Intake - Low)	COMA	✓	✓	✓

Pantothenicsihi	Pantothenic acid (mg) (Safe Intake - High)	COMA	✓	✓	✓
Biotinsilo	Biotin (ug) (Safe Intake - Low)	COMA	✓	✓	✓
Biotinsihi	Biotin (ug) (Safe Intake - High)	COMA	✓	✓	✓
VitEsi	Vit E (mg) (Safe Intake)	COMA	✓	✓	✓
Manganesesi	Mn (mg) (Safe Intake)	COMA	✓	✓	✓
ProteinpcfoodE	Protein percent food energy	Derived	✓	✓	✓
ProteinpctotE	Protein percent total energy	Derived	✓	✓	✓
FatpcfoodE	Fat percent food energy	Derived	✓	✓	✓
FatpctotE	Fat percent total energy	Derived	✓	✓	✓
CHOpfoodE	Carbohydrate percent food energy	Derived	✓	✓	✓
CHOpctotE	Carbohydrate percent total energy	Derived	✓	✓	✓
SFApcfoodE	Saturated fatty acids percent food energy	Derived	✓	✓	✓
SFApctotE	Saturated fatty acids percent total energy	Derived	✓	✓	✓
CMUFApcfoodE	Cis monounsaturated fatty acids percent food energy	Derived	✓	✓	✓
CMUFApctotE	Cis monounsaturated fatty acids percent total energy	Derived	✓	✓	✓
CN3PUFApcfoodE	Cis N3 polyunsaturated fatty acids percent food energy	Derived	✓	✓	✓
CN3PUFApctotE	Cis N3 polyunsaturated fatty acids percent total energy	Derived	✓	✓	✓
CN6PUFApcfoodE	Cis N6 polyunsaturated fatty acids percent food energy	Derived	✓	✓	✓
CN6PUFApctotE	Cis N6 polyunsaturated fatty acids percent total energy	Derived	✓	✓	✓
TransFApcfoodE	Trans fatty acids percent food energy	Derived	✓	✓	✓
TransFApctotE	Trans fatty acids percent total energy	Derived	✓	✓	✓
StarchpcfoodE	Starch percent food energy	Derived	✓	✓	✓
StarchpctotE	Starch percent total energy	Derived	✓	✓	✓
TotalsugarspcfoodE	Total sugars percent food energy	Derived	✓	✓	✓
TotalsugarspctotE	Total sugars percent total energy	Derived	✓	✓	✓
NMESpcfoodE	Non-milk extrinsic sugars percent food energy	Derived	✓		
NMESpctotE	Non-milk extrinsic sugars percent total energy	Derived	✓		
FreeSugarspcfoodE	Free sugars percent food energy	Derived	✓	✓	✓
FreeSugarspctotE	Free sugars percent total energy	Derived	✓	✓	✓
IMSSpcfoodE	Intrinsic and milk sugars and starch percent food energy	Derived	✓		
IMSSpctotE	Intrinsic and milk sugars and starch percent total energy	Derived	✓		

IMSpfoodE	Intrinsic and milk sugars percent food energy	Derived	✓		
IMSpctotE	Intrinsic and milk sugars percent total energy	Derived	✓		
AlcoholpctotE	Alcohol percent total energy	Derived	✓	✓	✓
Thiaminmgper1000kcal	Thiamin mg/1000 kcal	Derived	✓	✓	✓
Niacinequivalentmgper1000kcal	Niacin Equivalent mg/1000 kcal	Derived	✓	✓	✓
VitB6pprot	Vitamin B6 µg/g protein	Derived	✓	✓	✓
Thiaminmgper1000kcalplussupps	Thiamin mg/1000 kcal including supplements	Derived	✓	✓	✓
Niacinequivalentmgper1000kcalplussupps	Niacin Equivalent mg/1000 kcal including supplements	Derived	✓	✓	✓
VitB6pprotplussupps	Vitamin B6 µg/g protein including supplements	Derived	✓	✓	✓
PCRNIvitA	Percent RNI Vitamin A	Derived	✓	✓	✓
PCRNIThiamin	Percent RNI Thiamin	Derived	✓	✓	✓
PCRNIRiboflavin	Percent RNI Riboflavin	Derived	✓	✓	✓
PCRNINiacinequivalent	Percent RNI Niacin equivalent	Derived	✓	✓	✓
PCRNIvitB6	Percent RNI Vitamin B6	Derived	✓	✓	✓
PCRNIFolate	Percent RNI Folate	Derived	✓	✓	✓
PCRNIvitB12	Percent RNI Vitamin B12	Derived	✓	✓	✓
PCRNIvitC	Percent RNI Vitamin C	Derived	✓	✓	✓
PCRNIvitD	Percent RNI Vitamin D (Percent Safe intake for 1.5-3yr olds)	Derived	✓	✓	✓
PCRNIIron	Percent RNI Iron	Derived	✓	✓	✓
PCRNICalcium	Percent RNI Calcium	Derived	✓	✓	✓
PCRNIMagnesium	Percent RNI Magnesium	Derived	✓	✓	✓
PCRNIPotassium	Percent RNI Potassium	Derived	✓	✓	✓
PCRNIzinc	Percent RNI Zinc	Derived	✓	✓	✓
PCRNICopper	Percent RNI Copper	Derived	✓	✓	✓
PCRNISelenium	Percent RNI Selenium	Derived	✓	✓	✓
PCRNIiodine	Percent RNI Iodine	Derived	✓	✓	✓
PCRNIplussuppsvitA	Percent RNI Vitamin A including supplements	Derived	✓	✓	✓
PCRNIplussuppsThiamin	Percent RNI Thiamin including supplements	Derived	✓	✓	✓
PCRNIplussuppsRiboflavin	Percent RNI Riboflavin including supplements	Derived	✓	✓	✓
PCRNIplussuppsNiacinequivalent	Percent RNI Niacin equivalent including supplements	Derived	✓	✓	✓

PCRNlplussuppsVitB6	Percent RNI Vitamin B6 including supplements	Derived	✓	✓	✓
PCRNlplussuppsFolate	Percent RNI Folate including supplements	Derived	✓	✓	✓
PCRNlplussuppsVitB12	Percent RNI Vitamin B12 including supplements	Derived	✓	✓	✓
PCRNlplussuppsVitC	Percent RNI Vitamin C including supplements	Derived	✓	✓	✓
PCRNlplussuppsVitD	Percent RNI Vitamin D including supplements (Percent Safe intake for 1.5-3yr olds)	Derived	✓	✓	✓
PCRNlplussuppsIron	Percent RNI Iron including supplements	Derived	✓	✓	✓
PCRNlplussuppsCalcium	Percent RNI Calcium including supplements	Derived	✓	✓	✓
PCRNlplussuppsMagnesium	Percent RNI Magnesium including supplements	Derived	✓	✓	✓
PCRNlplussuppsPotassium	Percent RNI Potassium including supplements	Derived	✓	✓	✓
PCRNlplussuppsZinc	Percent RNI Zinc including supplements	Derived	✓	✓	✓
PCRNlplussuppsCopper	Percent RNI Copper including supplements	Derived	✓	✓	✓
PCRNlplussuppsSelenium	Percent RNI Selenium including supplements	Derived	✓	✓	✓
PCRNlplussuppsIodine	Percent RNI Iodine including supplements	Derived	✓	✓	✓
bloVitAlrni	Below LRNI Vitamin A	Derived	✓	✓	✓
bloThiamlrni	Below LRNI Thiamin	Derived	✓	✓	✓
bloThiamlrniplussupps	Below LRNI Thiamin including supplements	Derived	✓	✓	✓
bloRiboflavrlnrni	Below LRNI Riboflavin	Derived	✓	✓	✓
bloNiacinequivalentlrni	Below LRNI Niacin equivalent	Derived	✓	✓	✓
bloNiacElrniplussupps	Below LRNI Niacin equivalents including supplements	Derived	✓	✓	✓
bloFolatelrni	Below LRNI Folate	Derived	✓	✓	✓
bloVitB6lrni	Below LRNI Vitamin B6	Derived	✓	✓	✓
bloVitB6lrniplussupps	Below LRNI Vitamin B6 including supplements	Derived	✓	✓	✓
bloVitB12lrni	Below LRNI Vitamin B12	Derived	✓	✓	✓
bloVitClrni	Below LRNI Vitamin C	Derived	✓	✓	✓
bloCalciumlrni	Below LRNI Calcium	Derived	✓	✓	✓
bloIronlrni	Below LRNI Iron	Derived	✓	✓	✓
bloMglrni	Below LRNI Magnesium	Derived	✓	✓	✓
bloPotassiumlrni	Below LRNI Potassium	Derived	✓	✓	✓
bloZinclrni	Below LRNI Zinc	Derived	✓	✓	✓
bloSeleniumlrni	Below LRNI Selenium	Derived	✓	✓	✓

bloIodineLRNI	Below LRNI Iodine	Derived	✓	✓	✓
bloVitAIniplussupps	Below LRNI Vitamin A including supplements	Derived	✓	✓	✓
bloRibolRniplussupps	Below LRNI Riboflavin including supplements	Derived	✓	✓	✓
bloFolRniplussupps	Below LRNI Folate including supplements	Derived	✓	✓	✓
bloVitB12Rniplussupps	Below LRNI Vitamin B12 including supplements	Derived	✓	✓	✓
bloVitCIniplussupps	Below LRNI Vitamin C including supplements	Derived	✓	✓	✓
bloCalRniplussupps	Below LRNI Calcium including supplements	Derived	✓	✓	✓
bloIronLRniplussupps	Below LRNI Iron including supplements	Derived	✓	✓	✓
bloMgLRniplussupps	Below LRNI Magnesium including supplements	Derived	✓	✓	✓
bloPotassiumLRniplussupps	Below LRNI Potassium including supplements	Derived	✓	✓	✓
bloZincLRniplussupps	Below LRNI Zinc including supplements	Derived	✓	✓	✓
bloSeLRniplussupps	Below LRNI Selenium including supplements	Derived	✓	✓	✓
bloIodineLRniplussupps	Below LRNI Iodine including supplements	Derived	✓	✓	✓

Food groups (including disaggregated foods)					
Variable	Description	Source	Year 9	Year 10	Year 11
ONEPERCENTMILK	One percent milk (g)	Diary	✓	✓	✓
BEEFVEALANDDISHES	Beef, veal and dishes (g)	Diary	✓	✓	✓
BUTTER	Butter (g)	Diary	✓	✓	✓
OTHERMARGARINEFATSANDOILS	Other margarine, fats and oils (g)	Diary	✓	✓	✓
OTHERMILKANDCREAM	Other milk and cream (g)	Diary	✓	✓	✓
PUFAMARGARINEOILS	PUFA margarine and oils (g)	Diary	✓	✓	✓
SEMISKIMMEDMILK	Semi skimmed milk (g)	Diary	✓	✓	✓
WHOLEMILK	Whole milk (g)	Diary	✓	✓	✓
WHOLEMEALBREAD	Wholemeal bread (g)	Diary	✓	✓	✓
ICECREAM	Ice cream (g)	Diary	✓	✓	✓
WHITEFISHCOATEDORFRIED	White fish coated or fried (g)	Diary	✓	✓	✓
BEERLAGERCIDERPERRY	Beer, lager, cider and perry (g)	Diary	✓	✓	✓
CRISPSANDSAVOURYSNACKS	Crisps and savoury snacks (g)	Diary	✓	✓	✓
FRUITJUICE	Fruit juice including smoothies (g)	Diary	✓	✓	✓

SOFTDRINKSLOWCALORIE	Soft drinks low calorie (g)	Diary	✓	✓	✓
SOFTDRINKSNOTLOWCALORIE	Soft drinks not low calorie (g)	Diary	✓	✓	✓
SPIRITSANDLIQUEURS	Spirits and liqueurs (g)	Diary	✓	✓	✓
SUGARCONFECTIONERY	Sugar confectionery (g)	Diary	✓	✓	✓
TEACOFFEEANDWATER	Tea, coffee and water (g)	Diary	✓	✓	✓
WINE	Wine (g)	Diary	✓	✓	✓
BACONANDHAM	Bacon and ham (g)	Diary	✓	✓	✓
BISCUITS	Biscuits (g)	Diary	✓	✓	✓
BUNSCAKESPASTRIESFRUITPIES	Buns, cakes, pastries and fruit pies (g)	Diary	✓	✓	✓
BURGERSANDKEBABS	Burgers and kebabs (g)	Diary	✓	✓	✓
CHEESE	Cheese (g)	Diary	✓	✓	✓
CHIPSFRIEDROASTPOTATOESANDPOTATOPRODUCTS	Chips, fried and roast potatoes and potato products (g)	Diary	✓	✓	✓
CHOCOLATECONFECTIONERY	Chocolate confectionery (g)	Diary	✓	✓	✓
COATEDCHICKEN	Coated chicken and turkey (g)	Diary	✓	✓	✓
EGGSANDEGGDISHES	Eggs and egg dishes (g)	Diary	✓	✓	✓
FRUIT	Fruit (g)	Diary	✓	✓	✓
HIGHFIBREBREAKFASTCEREALS	High fibre breakfast cereals (g)	Diary	✓	✓	✓
LAMBANDDISHES	Lamb and dishes (g)	Diary	✓	✓	✓
LIVERDISHES	Liver and dishes (g)	Diary	✓	✓	✓
MEATPIESANDPASTRIES	Meat pies and pastries (g)	Diary	✓	✓	✓
NUTSANDSEEDS	Nuts and seeds (g)	Diary	✓	✓	✓
OILYFISH	Oily fish (g)	Diary	✓	✓	✓
OTHERBREAD	Other bread (g)	Diary	✓	✓	✓
OTHERMEATANDMEATPRODUCTS	Other meat and meat products (g)	Diary	✓	✓	✓
PASTARICEANDOTHERCEREALS	Pasta, rice and other cereals (g)	Diary	✓	✓	✓
PORKANDDISHES	Pork and dishes (g)	Diary	✓	✓	✓
SALADANDOTHERRAWVEGETABLES	Salad and other raw vegetables (g)	Diary	✓	✓	✓
SAUSAGES	Sausages (g)	Diary	✓	✓	✓
WHITEBREAD	White bread (g)	Diary	✓	✓	✓
YOGURTFROMAGEFRAISANDDAIRYDESSERTS	Yogurt, fromage frais and dairy desserts (g)	Diary	✓	✓	✓
OTHERBREAKFASTCEREALS	Other breakfast cereals (g)	Diary	✓	✓	✓

OTHERPOTATOESPOTATOSALADSDISHES	Other potatoes, potato salads and dishes (g)	Diary	✓	✓	✓
OTHERWHITEFISHSHELLFISHFISHDISHES	Other white fish, shellfish and fish dishes (g)	Diary	✓	✓	✓
VEGETABLESNOTRAW	Vegetables not raw (g)	Diary	✓	✓	✓
CHICKENANDTURKEYDISHES	Chicken and turkey dishes (g)	Diary	✓	✓	✓
PUDDINGS	Puddings (g)	Diary	✓	✓	✓
BROWNGRANARYANDWHEATGERMBREAD	Brown, granary and wheatgerm bread (g)	Diary	✓	✓	✓
SKIMMEDMILK	Skimmed milk (g)	Diary	✓	✓	✓
SUGARSPRESERVESANDSWEETSPREADS	Sugar, preserves and sweet spreads (g)	Diary	✓	✓	✓
DRYWEIGHTBEVERAGES	Dry weight beverages (g)	Diary	✓	✓	✓
LOWFATSPREADNOTPOLYUNSATURATED	Low fat spread not polyunsaturated (g)	Diary	✓	✓	✓
LOWFATSPREADPOLYUNSATURATED	Low fat spread polyunsaturated (g)	Diary	✓	✓	✓
REDUCEDFATSPREADNOTPOLYUNSATURATED	Reduced fat spread not polyunsaturated (g)	Diary	✓	✓	✓
REDUCEDFATSPREADPOLYUNSATURATED	Reduced fat spread polyunsaturated (g)	Diary	✓	✓	✓
SAVOURYSAUCESPICKLESGRAVIESCONDIMENT S	Sauces, pickles and gravies (g)	Diary	✓	✓	✓
SOUPHOMEMADEANDRETAIL	Soup homemade and retail (g)	Diary	✓	✓	✓
COMMERCIALTODDLERSFOODSANDDRINKS	Commercial toddler foods and drinks (g)	Diary	✓	✓	✓
CHEDDARCHEESE	Cheddar cheese (g)	Diary	✓	✓	✓
COTTAGECHEESE	Cottage cheese (g)	Diary	✓	✓	✓
OTHERCHEESE	Other cheese (g)	Diary	✓	✓	✓
Fruitg	Fruit (incl from composite dishes) (g)	Diary	✓	✓	✓
DriedFruitg	Dried fruit (incl from composite dishes) (g)	Diary	✓	✓	✓
FruitJuiceg	Fruit juice (incl from composite dishes) (g)	Diary	✓	✓	✓
FruitJuiceg100percent	Fruit juice from 100% juice or smoothies derived to calculate 5-a-day portions (g)	Diary	✓	✓	✓
SmoothieFruitg	Fruit from smoothies (incl from composite dishes) (g)	Diary	✓	✓	✓
Tomatoesg	Tomatoes (incl from composite dishes) (g)	Diary	✓	✓	✓
TomatoPureeg	Tomato puree (incl from composite dishes) (g)	Diary	✓	✓	✓
Brassicaceag	Brassicaceae (incl from composite dishes) (g)	Diary	✓	✓	✓
YellowRedGreeng	Yellow/red/green vegetables (incl from composite dishes) (g)	Diary	✓	✓	✓

Beansg	Beans and pulses (incl from composite dishes) (g)	Diary	✓	✓	✓
Nutsg	Nuts (incl from composite dishes) (g)	Diary	✓	✓	✓
OtherVegg	Other vegetables (incl from composite dishes) (g)	Diary	✓	✓	✓
Driedfruitx3	Dried fruit g x 3	Derived	✓	✓	✓
fruitjuicemax	Fruit juice g (maximum 150g)	Derived	✓	✓	✓
smoothiefruitmax	Fruit from smoothies g (maximum 160g)	Derived	✓	✓	✓
Tompureex5	Tomato puree g x 5	Derived	✓	✓	✓
beansmax	Beans g (maximum 80g)	Derived	✓	✓	✓
Fruitjuiceportions	Fruit juice portions (150g)	Derived	✓	✓	✓
totalfruit	Total fruit (not including juice)	Derived	✓	✓	✓
totalveg	Total vegetables	Derived	✓	✓	✓
totalfruitandveg	Total fruit (not including juice) and vegetables	Derived	✓	✓	✓
SmoothieFruitportions	Smoothie fruit portions (160g)	Derived	✓	✓	✓
Fruitvegportions	Portions of fruit and vegetables (80g)	Derived	✓	✓	✓
Totfruitvegportions	5 A Day portions (portions/day)	Derived	✓	✓	✓
Achieve5	Consuming 5 or more portions per day of fruit and vegetables	Derived	✓	✓	✓
Beefg	Beef (incl from composite dishes) (g)	Diary	✓	✓	✓
Lambg	Lamb (incl from composite dishes) (g)	Diary	✓	✓	✓
Porkg	Pork (incl from composite dishes) (g)	Diary	✓	✓	✓
ProcessedRedMeatg	Processed red meat (incl from composite dishes) (g)	Diary	✓	✓	✓
OtherRedMeatg	Other red meat (incl from composite dishes) (g)	Diary	✓	✓	✓
Burgersg	Burgers (incl from composite dishes) (g)	Diary	✓	✓	✓
Sausagesg	Sausages (incl from composite dishes) (g)	Diary	✓	✓	✓
Offalg	Offal (incl from composite dishes) (g)	Diary	✓	✓	✓
Poultryg	Poultry (incl from composite dishes) (g)	Diary	✓	✓	✓
ProcessedPoultryg	Processed poultry (incl from composite dishes) (g)	Diary	✓	✓	✓
GameBirdsg	Game birds (incl from composite dishes) (g)	Diary	✓	✓	✓

WhiteFishg	White fish (incl from composite dishes) (g)	Diary	✓	✓	✓
OilyFishg	Oily fish (incl from composite dishes) (g)	Diary	✓	✓	✓
CannedTunag	Canned tuna (incl from composite dishes) (g)	Diary	✓	✓	✓
Shellfishg	Shellfish (incl from composite dishes) (g)	Diary	✓	✓	✓
totalfish	Total fish (incl from composite dishes) (g)	Derived	✓	✓	✓
totalredmeat	Total red meat (incl from composite dishes) (g)	Derived	✓	✓	✓
totalwhitemeat	Total white meat (incl from composite dishes) (g)	Derived	✓	✓	✓
totalmeat	Total meat (incl from composite dishes) (g)	Derived	✓	✓	✓
CottageCheeseg	Cottage Cheese (incl from composite dishes) (g)	Diary	✓	✓	✓
CheddarCheeseg	Cheddar Cheese (incl from composite dishes) (g)	Diary	✓	✓	✓
OtherCheeseg	Other Cheese (incl from composite dishes) (g)	Diary	✓	✓	✓

Supplements					
Variable	Description	Source	Year 9	Year 10	Year 11
CODLIVEROILANDOTHERFISHOILSINCLVITADE	Cod liver and other fish oils	Derived	✓	✓	✓
EVENINGPRIMROSEOILANDOTHERPLANTOILS	Evening primrose and other plant oils	Diary	✓	✓	✓
CALCIUMONLYORWITHVITAMIND	Calcium only or with vitamin D	Diary	✓	✓	✓
FOLICACID	Folic acid	Diary	✓	✓	✓
IRONONLYORWITHVITAMINC	Iron only or with vitamin C	Diary	✓	✓	✓
VITC	Vitamin C	Diary	✓	✓	✓
OTHERNUTRIENTSUPPLEMENTS	Other nutrient supplements	Diary	✓	✓	✓
VITAMINSTWOORMOREINCLMULTIVITSNOMINE RALS	Multi-vitamins (no minerals)	Diary	✓	✓	✓
VITAMINSANDMINERALSINCLMULTIVITSMINERALS	Multivitamins and minerals	Diary	✓	✓	✓
NONNUTRIENTSUPPLEMENTSINCLHERBAL	Non-nutrient supplements (including herbal)	Diary	✓	✓	✓
SINGLEVITAMINSMINERALS	Single vitamins/minerals	Diary	✓	✓	✓
MULTIVITAMINANDORMINERALSWITHOMEGA3	Multivitamins and minerals with omega 3	Diary	✓	✓	✓

Supptaker	Any type of supplement	Diary	✓	✓	✓
CODLIVEROILANDOTHERFISHOILSINCLVITADE_CAPI	Number of different types of Cod liver and other fish oils as reported in CAPI	Indiv	✓	✓	✓
EVENINGPRIMROSEOILANDOTHERPLANTOILS_CAPI	Number of different types of Evening primrose and other plant oils as reported in CAPI	Indiv	✓	✓	✓
CALCIUMONLYORWITHVITAMIND_CAPI	Number of different types of Calcium only or with vitamin D as reported in CAPI	Indiv	✓	✓	✓
FOLICACID_CAPI	Number of different types of Folic acid as reported in CAPI	Indiv	✓	✓	✓
IRONONLYORWITHVITAMINC_CAPI	Number of different types of Iron only or with vitamin C as reported in CAPI	Indiv	✓	✓	✓
VITC_CAPI	Number of different types of Vitamin C as reported in CAPI	Indiv	✓	✓	✓
OTHERNUTRIENTSUPPLEMENTS_CAPI	Number of different types of Other nutrient supplements as reported in CAPI	Indiv	✓	✓	✓
VITAMINSTWOORMOREINCLMULTIVITSNOMINE RALS_CAPI	Number of different types of Multi-vitamins (no minerals) as reported in CAPI	Indiv	✓	✓	✓
VITAMINSANDMINERALSINCLMULTIVITSMINERALS_CAPI	Number of different types of Multivitamins and minerals as reported in CAPI	Indiv	✓	✓	✓
NONNUTRIENTSUPPLEMENTSINCLHERBAL_CAPI	Number of different types of Non-nutrient supplements (including herbal) as reported in CAPI	Indiv	✓	✓	✓
SINGLEVITAMINSMINERALS_CAPI	Number of different types of Single vitamins/minerals as reported in CAPI	Indiv	✓	✓	✓
MULTIVITAMINANDORMINERALSWITHOMEGA3_CAPI	Number of different types of Multivitamins and minerals with omega 3 as reported in CAPI	Indiv	✓	✓	✓
SuppTaker_CAPI	Any type of supplement as reported in CAPI	Indiv	✓	✓	✓