



National Diet and Nutrition Survey Years 6 and 7 (2013/14-2014/15)

List of Doubly labelled Water (DLW) Variables



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Introduction

This document should be used as the starting point to analysing the NDNS UK Years 6-7 DLW 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. For more variables for the NDNS UK Years 6-7 DLW data you will need to look at the variable listings and user guides for NDNS UK Years 5-6 and Years 7-8 and for Years 1 and 3 data for DLW variables you will need to look at the variable listings and user guides for NDNS UK Years 1-4.

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
Lab	Results from laboratory, i.e. from blood or urine testing
Derived	A variable derived from other variables, and detailed in the Derived Variable Specification document

CLASSIFICATION

Household

Variable	Description	Source	Year 6	Year 7
H SERIAL ¹	Household level serial number	Hhold	✓	✓

Individual

Variable	Description	Source	Year 6	Year 7
ISERIAL ²	Individual serial number	Indiv	✓	✓
SEX	Sex	Indiv	✓	✓
AGE	Age	Indiv	✓	✓

Sample

Variable	Description	Source	Year 6	Year 7
REGION	(D) Country/region	Derived	✓	✓
GOR	Government Office Region	Sample	✓	✓
COUNTRY	(D) Country	Derived	✓	✓
SURVEYYR	Survey year	Sample	✓	✓

¹ Variable renamed SERIALH in archived dataset

² Variable renamed SERIALI in archived dataset

DOUBLY LABELLED WATER (DLW)

Admin

Variable	Description	Source	Year 6	Year 7
PDLWAGR	Willing to take DLW	Indiv	✓	✓
PCONF	Confirmation that respondent is needed for DLW study	Indiv	✓	✓
DLWVIS	DLW dose administered	Indiv	✓	✓
DLWDOSE	Whether respondent has taken DLW dose	Indiv	✓	✓
DLWFIN	Samples collected	Indiv	✓	✓
DLWPOST	Whether samples sent to lab	Indiv	✓	✓

Measurements

Variable	Description	Source	Year 6	Year 7
TBW_L	Total Body Water (L)	Lab	✓	✓
LBM_KG	Lean Body Mass (kg)	Lab	✓	✓
FM_KG	Fat Mass (kg)	Lab	✓	✓
BMR_KJ_DAY_1	Basal Metabolic Rate (according to Schofield's equations, using age, sex, height and weight)	Lab	✓	✓
TEE	Total Energy Expenditure (kJ) (calculated according to Schoeller's methods)	Lab	✓	✓
TEEREP_KJ_DAY_1	Total Energy Expenditure (kJ) using dietary data (FQ) (calculated according to Schoeller's methods).	Lab	✓	✓
CV2	Coefficient of variation in measured TEE derived from the fit of the data to the model	Lab	✓	✓
RQ	Assumed respiratory quotient set equal to the food quotient obtained from the reported dietary data	Lab	✓	✓
PAL	Physical Activity Level	Lab	✓	✓
DLWM	DLW result code	Lab	✓	✓