

# Supplemental Appendix N

## DLW Data Codebook

Variable	Type	Description
SID	Categorical	Study ID
Age_cat	Categorical	Infants (0-11.99 months), Children (12 months-8.99 years), Teenagers (9.0-18.99 years), Adults (19.0-101 years), Pregnant,Lactating
Age	Numeric	Age (years)
Age_months	Numeric	Age (months)
Life_Stage	Categorical	Life Stage Groupings by age for Vitamins/Minerals (NASEM)
Ethnicity	Categorical	Ethnicity
Sex	Categorical	Sex (M/F)
BMI	Numeric	Body mass index
BMIcat	Categorical	Categories for BMI (< 18.5 kg/m <sup>2</sup> , >= 18.5 & <25 kg/m <sup>2</sup> , >= 25 & <30 kg/m <sup>2</sup> , >= 30 & <35 kg/m <sup>2</sup> , >= 35 & <40 kg/m <sup>2</sup> , >= 40 kg/m <sup>2</sup> )
Height	Numeric	Height (cm)
Weight	Numeric	Weight (kgs)
TEE	Numeric	Total Energy Expenditure (kcal/d)
BEE	Numeric	Basal Energy Expenditure (kcal/d)
Percentile	Numeric	For infants (0-11 mo) and children (12-24 mo): Weight Percentiles were calculated based on Girls/Boys percentiles: expanded-tables (Weight-for-length) from WHO, <a href="https://www.who.int/tools/child-growth-standards/standards/weight-for-length-height">https://www.who.int/tools/child-growth-standards/standards/weight-for-length-height</a> . For children/teens 2 – 18: BMI Percentiles were calculated based on sex, age growth charts from CDC <a href="https://www.cdc.gov/growthcharts/percentile_data_files.htm">https://www.cdc.gov/growthcharts/percentile_data_files.htm</a> .
Percentile_group	Categorical	Categories for percentiles for children and teenagers (<5th, 5th to 85th, 85th to 95th, >95th)
Percentile_infant	Categorical	Categories for percentiles on infants (<3th, 3th to 97th, >97th)
Lactating	Categorical	Lactating (Y/N)
Pregnant	Categorical	Pregnant (Y/N)
P_stage	Categorical	Gestational weeks (trimester)
Weeks	Numeric	Gestational weeks
PAL	Numeric	Physical Activity Level (TEE/BEE)
PALCAT	Categorical	PAL Category (Sedentary, Low Active, Active, Very Active)
BMR_kcal_Schofield	Numeric	Basal Metabolic Rate calculated with the Schofield Equation
PAL_est	Numeric	PAL Estimated using Schofield equations for BMR (TEE/BMR_kcal_Schofield)
PALCAT_est	Categorical	PAL Category Estimated (Sedentary, Low Active, Active, Very Active)
PAL_obs_est	Numeric	Observed PAL is used where available (=TEE/BEE), and PAL is otherwise estimated by Schofield equations for BMR
PALCAT_obs_est	Categorical	PAL Category Observed/Estimated (Sedentary, Low Active, Active, Very Active)
FFM	Numeric	Fat free mass (kg)
FM	Numeric	Fat mass (kg)
FM_pct	Numeric	Fat mass percentage (%)
dataset	Categorical	Original dataset of the observation (IOM, IAEA, SOLNAS, CRNC)
Strata	Categorical	Strata by age for model (Adult Men 19+, Adult Women 19+, Child Boys 3-18, Child Girls 3-18, Infant, Preg/Lac)