

# IDATA - DLW Data Dictionary

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## Document Summary

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For Dataset	dlw
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# IDATA - DLW: Data Dictionary

## Section 1: Identifiers

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Variable	Label	Description	Format Text
<b>build</b>	Build Date		sasdate
<b>iid</b>	IDATA ID		Character

## Section 2: Compliance

Variable	Label	Description	Format Text
<b>dosing_dt</b>	Date of DLW Dosing		Numeric .M="Missing" .N="N/A"
<b>dosing_dt2nd</b>	Date of DLW Dosing (Subsample)		Numeric .M="Missing" .N="N/A"
<b>has_dlw</b>	Has A DLW Test	Whether the participant has Doubly-Labeled Water (DLW) lab results as part of the primary protocol.  Participants who only have subsample DLW results are set to No.	0="No" 1="Yes"
<b>has_dlw2nd</b>	Has A DLW Test (Subsample)	Whether the participant has a second set of Doubly-Labeled Water (DLW) lab results, as part of the subsample to assess within-person random error.	0="No" 1="Yes"
<b>num_dlw</b>	Number of DLW Results For this Participant	The count of Doubly Labeled Water (DLW) results.  Most participants were expected to have one DLW. A small selection of participants were offered a second DLW, to assess within-person random error.  This count does not include QC results, where a selection of first admin DLW's were processed by the lab twice, as a quality check.	Numeric
<b>approval</b>	Approval for Results By Lab		.M="Missing" .N="N/A" 0="Failure" 1="Approved"
<b>approval2nd</b>	Approval for Results By Lab (Subsample)		.M="Missing" .N="N/A" 0="Failure" 1="Approved"
<b>date_of_analysis</b>	Date Of Analysis		Sasdate .M="Missing" .N="N/A"
<b>date_of_analysis2nd</b>	Date of Analysis (Subsample)		Sasdate .M="Missing" .N="N/A"

## Section 3: DLW Results

Variable	Label	Description	Format Text
<b>ffmc</b>	Fat Free Mass In Kg	Fat free mass (corrected). (kg)	Numeric .M="Missing" .N="N/A"
<b>ffmc2nd</b>	Fat Free Mass In Kg (Subsample)	Fat free mass (corrected), from the subsample DLW. (kg)	Numeric .M="Missing" .N="N/A"
<b>mifflin_estimated_ree</b>	Estimated Resting Energy Expenditure	Estimated REE from weight, height, age, and sex.  Calculated by lab.  $REE = 9.99 \times \text{weight} + 6.26 \times \text{height} - 4.29 \times \text{age} + 166 \times \text{sex} - 161.$  Where weight is in kg, height in cm, age in years, sex (male=1, female=0).	Numeric .M="Missing" .N="N/A"
<b>mifflin_estimated_ree2nd</b>	Estimated Resting Energy Expenditure (Subsample)	Estimated REE from weight, height, age, and sex, from the subsample DLW.  Calculated by lab.  $REE = 9.99 \times \text{weight} + 6.26 \times \text{height} - 4.29 \times \text{age} + 166 \times \text{sex} - 161.$  Where weight is in kg, height in cm, age in years, sex (male=1, female=0).	Numeric .M="Missing" .N="N/A"
<b>nd</b>	Isotope Dilution Space for Deuterium (Kg)		Numeric .M="Missing" .N="N/A"
<b>nd2nd</b>	Isotope Dilution Space for Deuterium (Kg) (Subsample)		Numeric .M="Missing" .N="N/A"
<b>no</b>	Isotope Dilution Space for Oxygen-18 (Kg)		Numeric .M="Missing" .N="N/A"
<b>no2nd</b>	Isotope Dilution Space for Oxygen-18 (Kg) (Subsample)		Numeric .M="Missing" .N="N/A"
<b>pal</b>	Physical Activity Level TEE/REE		Numeric .M="Missing" .N="N/A"
<b>pal2nd</b>	Physical Activity Level TEE/REE (Subsample)		Numeric .M="Missing" .N="N/A"

IDATA - DLW: Data Dictionary

06/10/2022

Dataset: dlw

Variable	Label	Description	Format Text
<b>pct_diff</b>	Percent Difference in CO2 Turnover Rates For the Two Periods		Numeric .M="Missing" .N="N/A"
<b>pct_diff2nd</b>	Percent Difference in CO2 Turnover Rates For the Two Periods (Subsample)		Numeric .M="Missing" .N="N/A"
<b>pct_fat</b>	Body Fat Percentage		Numeric .M="Missing" .N="N/A"
<b>pct_fat2nd</b>	Body Fat Percentage (Subsample)		Numeric .M="Missing" .N="N/A"
<b>rq</b>	Respiratory Quotient for Western Diet	0.86 for all participants.	Numeric .M="Missing" .N="N/A"
<b>rq2nd</b>	Respiratory Quotient for Western Diet (Subsample)	0.86 for all participants.	Numeric .M="Missing" .N="N/A"
<b>tbw</b>	Total Body Water (Kg)		Numeric .M="Missing" .N="N/A"
<b>tbw2nd</b>	Total Body Water (Kg) (Subsample)		Numeric .M="Missing" .N="N/A"
<b>tee</b>	Total Energy Expenditure (kilocalories per day)		Numeric .M="Missing" .N="N/A"
<b>tee2nd</b>	Total Energy Expenditure (kilocalories per day) (Subsample)		Numeric .M="Missing" .N="N/A"
<b>sampleid</b>	Sample ID		Character " " = "Missing"
<b>sampleid2nd</b>	Sample ID (Subsample)		Character " " = "Missing"

## Section 4: DLW Administration

Variable	Label	Description	Format Text
<b>bmi</b>	BMI		Numeric .M="Missing" .N="N/A"
<b>bmi2nd</b>	BMI (Subsample)		Numeric .M="Missing" .N="N/A"
<b>dosewt</b>	Dose Administered (Weight in Grams)		Numeric .M="Missing" .N="N/A"
<b>dosewt2nd</b>	Dose Administered (Weight in Grams) (Subsample)		Numeric .M="Missing" .N="N/A"
<b>heightv1</b>	Height (CM) at Visit 1		Numeric .M="Missing" .N="N/A"
<b>heightv1_2nd</b>	Height (CM) at Visit 1 (Subsample)		Numeric .M="Missing" .N="N/A"
<b>weightv1</b>	Weight (KG) at Visit 1		Numeric .M="Missing" .N="N/A"
<b>weightv1_2nd</b>	Weight (KG) at Visit 1 (Subsample)		Numeric .M="Missing" .N="N/A"
<b>weightv2</b>	Weight (KG) at Visit 2		Numeric .M="Missing" .N="N/A"
<b>weightv2_2nd</b>	Weight (KG) at Visit 2 (Subsample)		Numeric .M="Missing" .N="N/A"