



Wave V Glucose Homeostasis





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Title	Wave V Glucose Homeostasis
File Name	bglua1c5.xpt
Case Quantity	5381
Variable Count	11



AID - RESPONDENT IDENTIFIER

Type	Text
Constraints	Maximum Length: 8
AID	Respondent Identifier Number

Valid	Invalid	Minimum	Maximum
5381	0	10506342	99886996



H5GLUCOS - GLUCOSE (MG/DL) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5GLUCOS	Glucose assay results (mg/dl)

			Frequency	% of total	% of valid
Missing	.	missing	593	11.0%	
	9999	implausible value < 40 mg/dl	5	0.1%	
		Total	598	11.1%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4783	598	41	618	95.36	35.73



H5HBA1C - HEMOGLOBIN A1c (%) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5HBA1C	HbA1c assay results (%)

			Frequency	% of total	% of valid
Missing	.	missing	679	12.6%	
		Total	679	12.6%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4702	679	4.1	14	5.37	0.91

H5FASTTM - HOURS SINCE LAST ATE -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5FASTTM	Number of hours since the last time the respondent ate

			Frequency	% of total	% of valid
Missing	.	not applicable (no blood draw)	370	6.9%	
	-999	implausible value < 0 hours	11	0.2%	
	999	implausible value >= 24 hours	49	0.9%	
		Total	430	8.0%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4951	430	0	23.9	9.38	5.53

H5FASTGL - FLAG: FASTED FOR 8+ HOURS -W5

Type	Code
Measurement Unit	Numeric
H5FASTGL	FLAG indicating respondent fasted for eight or more hours

			Frequency	% of total	% of valid
Valid	0	no	1,790	33.3%	36.2%
	1	yes	3,161	58.7%	63.8%
		Total	4,951	92.0%	100%
Missing	.	not applicable (no fasting hours)	430	8.0%	
		Total	430	8.0%	

Valid	Invalid	Minimum	Maximum
4951	430	0	1

H5CFGLU - CLASS OF FASTING GLUCOSE (ADA) -W5

Type	Code
Measurement Unit	Numeric
H5CFGLU	The classification of glucose concentrations among respondents who were fasting (>= 8 hours) at the time of blood collection. It was constructed according to the 2020 American Diabetes Association clinical practice recommendations for the diagnosis and classification of diabetes.

			Frequency	% of total	% of valid
Valid	1	Normal: glucose is < 100 mg/dl	2,512	46.7%	52.5%
	2	Impaired Fasting Glucose (IFG)/Pre-Diabetes: glucose is 100-125 mg/dl	368	6.8%	7.7%

	3	Diabetes: glucose is > 125 mg/dl	139	2.6%	2.9%
	4	Non-fasting	1,709	31.8%	35.7%
	5	Fasting status unknown	55	1.0%	1.1%
		Total	4,783	88.9%	100%
Missing	.	not applicable (no glucose result)	598	11.1%	
		Total	598	11.1%	

Valid	Invalid	Minimum	Maximum
4783	598	1	5

H5CNFGLU - CLASS OF NON-FASTING GLUCOSE (ADA) -W5

Type	Code
Measurement Unit	Numeric
H5CNFGLU	The classification of glucose concentrations among respondents who were non-fasting (< 8 hours) at the time of blood collection. It was constructed according to the 2020 American Diabetes Association clinical practice recommendations for the diagnosis and classification of diabetes.

			Frequency	% of total	% of valid
Valid	1	Normal: glucose is < 200 mg/dl	1,665	30.9%	34.8%
	2	Diabetes: glucose is >= 200 mg/dl	44	0.8%	0.9%
	3	Fasting	3,019	56.1%	63.1%
	4	Fasting status unknown	55	1.0%	1.1%
		Total	4,783	88.9%	100%
Missing	.	not applicable (no glucose result)	598	11.1%	
		Total	598	11.1%	

Valid	Invalid	Minimum	Maximum
4783	598	1	4

H5CHBA1C - CLASSIFICATION OF HbA1c (ADA) -W5

Type	Code
Measurement Unit	Numeric
H5CHBA1C	The classification of HbA1c among respondents was constructed without regard to fasting status at the time of blood collection according to the 2020 American Diabetes Association clinical practice recommendations for the diagnosis and classification of diabetes.

			Frequency	% of total	% of valid
Valid	1	Normal: HbA1c (%) is < 5.7	4,112	76.4%	87.5%

	2	Pre-Diabetes: HbA1c (%) is 5.7 - 6.4	376	7.0%	8.0%
	3	Diabetes: HbA1c (%) is > 6.4	214	4.0%	4.6%
		Total	4,702	87.4%	100%
Missing	.	not applicable (no HbA1c result)	679	12.6%	
		Total	679	12.6%	

Valid	Invalid	Minimum	Maximum
4702	679	1	3

H5Q045B - Q045b EVER DX WITH DIABETES -W5

Type	Code
Measurement Unit	Numeric
H5Q045B	Has a doctor, nurse or health care provider ever told you that you have high blood sugar or diabetes (if female, when you were NOT pregnant)?

			Frequency	% of total	% of valid
Valid	0	no	5,015	93.2%	93.3%
	1	yes	362	6.7%	6.7%
		Total	5,377	99.9%	100%
Missing	94	exam stopped prior to question Q045	1	0.0%	
	95	not asked of everyone	1	0.0%	
	96	refused	2	0.0%	
		Total	4	0.1%	

Valid	Invalid	Minimum	Maximum
5377	4	0	1

H5C_MED - FLAG: ANTI-DIABETIC MED USE -W5

Type	Code
Measurement Unit	Numeric
H5C_MED	FLAG indicating respondent took an anti-diabetic medication in the past 4 weeks

			Frequency	% of total	% of valid
Valid	0	no	5,014	93.2%	95.2%
	1	yes	252	4.7%	4.8%
		Total	5,266	97.9%	100%
Missing	94	exam stopped prior to the medication questions	23	0.4%	
	96	refused	3	0.1%	

	98	medication could not be classified	1	0.0%	
	99	respondent reported taking prescription medication(s), but specific medication(s) not reported	88	1.6%	
		Total	115	2.1%	

Valid	Invalid	Minimum	Maximum
5266	115	0	1

H5DIABJC - DIABETES JOINT CLASSIFICATION -W5

Type	Code
Measurement Unit	Numeric
H5DIABJC	FLAG indicating respondent has EITHER fasting glucose \geq 126 mg/dl (H5CFGLU=3) OR non-fasting glucose \geq 200 mg/dl (H5CNFGLU=2) OR HbA1c \geq 6.5% (H5CHBA1C=3) OR a self-reported history of diabetes except during pregnancy (H5Q045B=1) OR has taken an anti-diabetic medication in the past 4 weeks (H5C_MED=1)

			Frequency	% of total	% of valid
Valid	0	no evidence of diabetes	4,911	91.3%	91.3%
	1	evidence of diabetes	467	8.7%	8.7%
		Total	5,378	99.9%	100%
Missing	.	missing on all components of joint classification	3	0.1%	
		Total	3	0.1%	

Valid	Invalid	Minimum	Maximum
5378	3	0	1