DSDR | DATA SHARING FOR DEMOGRAPHIC RESEARCH

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008 [Public Use]

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Wave IV: Biomarkers, Measures of Glucose Homeostasis Variable Description and Frequencies

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National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008
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DS29: Wave IV: Biomarkers, Measures of Glucose Homeostasis

1. **Truncated Value Labels:** Due to limitations in the statistical packages, a number of variables feature truncated value labels. Please see the P.I. Codebook/Questionnaire for full value labels.

ICPSR 21600

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008 [Public Use]

Variable Description and Frequencies

Note: Frequencies displayed for the variables are not weighted. They are purely descriptive and may not be representative of the study population. Please review any sampling or weighting information available with the study.

Summary statistics (minimum, maximum, mean, median, and standard deviation) may not be available for every variable in the codebook. Conversely, a listing of frequencies in table format may not be present for every variable in the codebook either. However, all variables in the dataset are present and display sufficient information about each variable. These decisions are made intentionally and are at the discretion of the archive producing this codebook.

Wave IV: Biomarkers, Measures of Glucose Homeostasis

AID: RESPONDENT IDENTIFIER

RESPONDENT IDENTIFIER

Based upon 5,114 valid cases out of 5,114 total cases.

Location: 1-8 (width: 8; decimal: 0)
Variable Type: character

GLUCOSE: GLUCOSE (MG/DL)

GLUCOSE (MG/DL)

Value	Label	Unweighted Frequency	%
40	-	1	0.0 %
47	-	2	0.0 %
48	-	1	0.0 %
50	-	2	0.0 %
51	-	1	0.0 %
52	-	1	0.0 %
54	-	1	0.0 %
55	-	2	0.0 %
56	-	2	0.0 %
57	-	1	0.0 %
58	-	4	0.1 %
59	-	1	0.0 %
60	-	2	0.0 %
61	-	4	0.1 %
62	-	2	0.0 %
63	-	2	0.0 %
64	-	1	0.0 %
65	-	4	0.1 %
66	-	6	0.1 %
67	-	6	0.1 %
68	-	4	0.1 %
69	-	7	0.1 %
70	-	9	0.2 %
71	-	16	0.3 %
72	-	5	0.1 %
73	-	20	0.4 %
74	-	23	0.4 %
75	-	12	0.2 %

Value	Label	Unweighted Frequency	%
76	-	23	0.4 %
77	-	18	0.4 %
78	-	31	0.6 %
79	-	30	0.6 %
80	-	31	0.6 %
81	-	35	0.7 %
82	-	45	0.9 %
83	-	44	0.9 %
84	-	61	1.2 %
85	-	64	1.3 %
86	-	72	1.4 %
87	-	67	1.3 %
88	-	80	1.6 %
89	-	83	1.6 %
90	-	76	1.5 %
91	-	83	1.6 %
92	-	83	1.6 %
93	-	97	1.9 %
94	-	102	2.0 %
95	-	108	2.1 %
96	-	111	2.2 %
97	-	105	2.1 %
	Missing Data		
999	(999) No result for glucose	187	3.7 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 4,536 valid cases out of 5,114 total cases.

- Mean: 107.31
- Median: 103.50
- Mode: 99.00
- Minimum: 40.00
- Maximum: 505.00
- Standard Deviation: 29.60

Location: 9-11 (width: 3; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 999 , .

HBA1C: HEMOGLOBIN A1c (%)

HEMOGLOBIN A1c (%)

Value	Label	Unweighted Frequency	%
3.8	-	1	0.0 %
4.1	-	1	0.0 %
4.3	-	1	0.0 %
4.4	-	3	0.1 %
4.5	-	3	0.1 %
4.6	-	4	0.1 %
4.7	-	23	0.4 %
4.8	-	51	1.0 %
4.9	-	76	1.5 %
5.0	-	174	3.4 %
5.1	-	276	5.4 %
5.2	-	407	8.0 %
5.3	-	497	9.7 %
5.4	-	529	10.3 %
5.5	-	583	11.4 %
5.6	-	505	9.9 %
5.7	-	391	7.6 %
5.8	-	362	7.1 %
5.9	-	211	4.1 %
6.0	-	128	2.5 %
6.1	-	99	1.9 %
6.2	-	65	1.3 %
6.3	-	44	0.9 %
6.4	-	39	0.8 %
6.5	-	20	0.4 %
6.6	-	18	0.4 %
6.7	-	19	0.4 %
6.8	-	20	0.4 %
6.9	-	13	0.3 %
7.0	-	19	0.4 %
7.1	-	5	0.1 %
7.2	-	13	0.3 %
7.3	-	5	0.1 %
7.4	-	6	0.1 %
7.5	-	2	0.0 %
7.6	-	4	0.1 %
7.7	-	3	0.1 %
7.8	-	2	0.0 %

Value	Label	Unweighted Frequency	%
7.9	-	4	0.1 %
8.1	-	1	0.0 %
8.2	-	1	0.0 %
8.3	-	2	0.0 %
8.6	-	1	0.0 %
8.8	-	2	0.0 %
9.0	-	1	0.0 %
9.1	-	1	0.0 %
9.2	-	1	0.0 %
9.3	-	2	0.0 %
9.4	-	1	0.0 %
9.5	-	1	0.0 %
	Missing Data		
99.0	(99) No result for HbA1c	29	0.6 %
.	-	411	8.0 %
	Total	**5,114**	**100%**

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 4,674 valid cases out of 5,114 total cases.

- Mean: 5.61
- Median: 5.50
- Mode: 5.50
- Minimum: 3.80
- Maximum: 16.90
- Standard Deviation: 0.79

Location: 12-15 (width: 4; decimal: 1)
Variable Type: numeric
(Range of) Missing Values: 99.0 , .

CONVERT: HbA1c INTER-CONVERSION FLAG

HbA1c INTER-CONVERSION FLAG

Value	Label	Unweighted Frequency	%
0	(0) No conversion	4633	90.6 %
1	(1) Converted FlexSite 2 to FlexSite 1	33	0.6 %
2	(2) Converted BIOSAFE to FlexSite 2 to FlexSite 1	8	0.2 %
	Missing Data		
9	(9) No result for HbA1c	29	0.6 %
.	-	411	8.0 %
	Total	**5,114**	**100%**

Based upon 4,674 valid cases out of 5,114 total cases.

• Minimum: 0.00
• Maximum: 2.00

Location: 16-16 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

FASTTIME: HOURS SINCE LAST ATE

HOURS SINCE LAST ATE

Value	Label	Unweighted Frequency	%
0.0	-	1	0.0 %
0.1	-	1	0.0 %
0.2	-	3	0.1 %
0.3	-	5	0.1 %
0.4	-	6	0.1 %
0.5	-	2	0.0 %
0.6	-	6	0.1 %
0.7	-	8	0.2 %
0.8	-	23	0.4 %
0.9	-	53	1.0 %
1.0	-	97	1.9 %
1.1	-	122	2.4 %
1.2	-	162	3.2 %
1.3	-	170	3.3 %
1.4	-	188	3.7 %
1.5	-	180	3.5 %
1.6	-	140	2.7 %
1.7	-	141	2.8 %
1.8	-	152	3.0 %
1.9	-	120	2.3 %
2.0	-	147	2.9 %
2.1	-	118	2.3 %
2.2	-	134	2.6 %
2.3	-	105	2.1 %
2.4	-	93	1.8 %
2.5	-	96	1.9 %
2.6	-	91	1.8 %
2.7	-	92	1.8 %
2.8	-	80	1.6 %
2.9	-	90	1.8 %

Value	Label	Unweighted Frequency	%
3.0	-	68	1.3 %
3.1	-	58	1.1 %
3.2	-	57	1.1 %
3.3	-	61	1.2 %
3.4	-	69	1.3 %
3.5	-	59	1.2 %
3.6	-	62	1.2 %
3.7	-	55	1.1 %
3.8	-	54	1.1 %
3.9	-	42	0.8 %
4.0	-	46	0.9 %
4.1	-	48	0.9 %
4.2	-	47	0.9 %
4.3	-	38	0.7 %
4.4	-	51	1.0 %
4.5	-	30	0.6 %
4.6	-	25	0.5 %
4.7	-	32	0.6 %
4.8	-	39	0.8 %
4.9	-	22	0.4 %
Missing Data			
.	-	47	0.9 %
Total		**5,114**	**100%**

Please note that only the first 50 response categories are displayed in the PDF codebook. To view all response categories, please analyze the data file in the statistical package of your choice (SAS, SPSS, Stata, R).

Based upon 5,067 valid cases out of 5,114 total cases.

- Mean: 4.82
- Median: 2.80
- Mode: 1.40
- Minimum: 0.00
- Maximum: 23.90
- Standard Deviation: 4.78

Location: 17-20 (width: 4; decimal: 1)
Variable Type: numeric

C_FGLU: CLASSIFICATION OF FASTING GLUCOSE

CLASSIFICATION OF FASTING GLUCOSE

Value	Label	Unweighted Frequency	%
1	(1) Glucose less than or equal to 99 mg/dl	334	6.5 %

Value	Label	Unweighted Frequency	%
2	(2) Glucose 100-125 mg/dl-Impaired Fasting Glucose (IFG)/Pre	353	6.9 %
3	(3) Glucose greater than or equal to 126 mg/dl - Diabetes	67	1.3 %
4	(4) Non-Fasting	3740	73.1 %
5	(5) Fasting status unknown	42	0.8 %
	Missing Data		
9	(9) No result for glucose	187	3.7 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,536 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 5.00

Location: 21-21 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

C_NFGLU: CLASSIFICATION OF NON-FASTING GLUCOSE

CLASSIFCATION OF NON-FASTING GLUCOSE

Value	Label	Unweighted Frequency	%
1	(1) Glucose less than or equal to 199 mg/dl	3701	72.4 %
2	(2) Glucose greater than or equal to 200 mg/dl - Diabetes	39	0.8 %
3	(3) Fasting	754	14.7 %
4	(4) Fasting status unknown	42	0.8 %
	Missing Data		
9	(9) No result for glucose	187	3.7 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,536 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 4.00

Location: 22-22 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

C_HBA1C: CLASSIFICATION OF HbA1c

CLASSIFICATION OF HbA1c

Value	Label	Unweighted Frequency	%
1	(1) HbA1c(%) less than or equal to 5.6	3134	61.3 %

Value	Label	Unweighted Frequency	%
2	(2) HbA1c(%) 5.7-6.4 - Pre-Diabetes	1339	26.2 %
3	(3) HbA1c(%) greater than or equal to 6.5 - Diabetes	201	3.9 %
	Missing Data		
9	(9) No result for HbA1c	29	0.6 %
.	-	411	8.0 %
	Total	**5,114**	**100%**

Based upon 4,674 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 3.00

Location: 23-23 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

C_MED: ANTI-DIABETIC MEDICATION USE

ANTI-DIABETIC MEDICATION USE

Value	Label	Unweighted Frequency	%
0	(0) Did not report taking anti-diabetic medication	5035	98.5 %
1	(1) Reported taking anti-diabetic medication	79	1.5 %
	Total	**5,114**	**100%**

Based upon 5,114 valid cases out of 5,114 total cases.

- Minimum: 0.00
- Maximum: 1.00

Location: 24-24 (width: 1; decimal: 0)
Variable Type: numeric

C_JOINT: JOINT CLASSIFICATION OF GLUCOSE, HbA1c, SELF-REPORTED HISTORY OF DIABETES, AND ANTI-DIABETIC MEDICATION USE

JOINT CLASSIFICATION OF GLUCOSE, HbA1c, SELF-REPORTED HISTORY OF DIABETES, AND ANTI-DIABETIC MEDICATION USE

Value	Label	Unweighted Frequency	%
0	(0) No evidence of diabetes	4753	92.9 %
1	(1) Evidence of diabetes	361	7.1 %
	Total	**5,114**	**100%**

Based upon 5,114 valid cases out of 5,114 total cases.

- Minimum: 0.00
- Maximum: 1.00

Location: 25-25 (width: 1; decimal: 0)
Variable Type: numeric