ICPSR 21600

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2018 [Public Use]

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

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ICPSR PROCESSING NOTES FOR #21600

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2018 [Public Use]
DS37: Wave V: Biomarkers, Measures of Glucose Homeostasis

1. **Variable Metadata:** Wave V data files have been minimally processed by ICPSR. For value labels, missing values, and question text (where applicable), please see the P.I. Codebook/Questionnaire.

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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, arithmetic mean, median, mode, 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 V: Biomarkers, Measures of Glucose Homeostasis

AID: RESPONDENT IDENTIFIER

Value	Label	Unweighted Frequency	%
57101310	-	1	0.1 %
57111786	-	1	0.1 %
57118381	-	1	0.1 %
57121404	-	1	0.1 %
57121476	-	1	0.1 %
57133772	-	1	0.1 %
57134970	-	1	0.1 %
57139880	-	1	0.1 %
57141051	-	1	0.1 %
57145151	-	1	0.1 %
57159779	-	1	0.1 %
57159952	-	1	0.1 %
57163657	-	1	0.1 %
57165288	-	1	0.1 %
57166019	-	1	0.1 %
57167951	-	1	0.1 %
57177419	-	1	0.1 %
57178982	-	1	0.1 %
57179591	-	1	0.1 %
57186582	-	1	0.1 %
57188247	-	1	0.1 %
57192841	-	1	0.1 %
57196641	-	1	0.1 %
57199896	-	1	0.1 %
57203993	-	1	0.1 %
57210612	-	1	0.1 %
57214806	-	1	0.1 %
57217613	-	1	0.1 %
57220133	-	1	0.1 %
57220955	-	1	0.1 %
57231320	-	1	0.1 %
57232895	-	1	0.1 %
57241075	-	1	0.1 %
57244606	-	1	0.1 %
57245315	-	1	0.1 %

Value	Label	Unweighted Frequency	%
57245379	-	1	0.1 %
57248884	-	1	0.1 %
57249576	-	1	0.1 %
57251197	-	1	0.1 %
57256290	-	1	0.1 %
57263513	-	1	0.1 %
57275298	-	1	0.1 %
57279640	-	1	0.1 %
88122937	-	1	0.1 %
88149345	-	1	0.1 %
88191219	-	1	0.1 %
88191364	-	1	0.1 %
88249047	-	1	0.1 %
88268811	-	1	0.1 %
90316656	-	1	0.1 %
Total		**1,839**	**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 1,839 valid cases out of 1,839 total cases.

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

H5GLUCOS: GLUCOSE (MG/DL) -W5

Value	Label	Unweighted Frequency	%
45	-	1	0.1 %
46	-	1	0.1 %
47	-	1	0.1 %
48	-	1	0.1 %
49	-	1	0.1 %
51	-	2	0.1 %
53	-	3	0.2 %
55	-	4	0.2 %
56	-	1	0.1 %
57	-	2	0.1 %
58	-	2	0.1 %
60	-	2	0.1 %
61	-	2	0.1 %
62	-	4	0.2 %

Value	Label	Unweighted Frequency	%
63	-	3	0.2 %
64	-	5	0.3 %
65	-	5	0.3 %
66	-	6	0.3 %
67	-	13	0.7 %
68	-	7	0.4 %
69	-	10	0.5 %
70	-	21	1.1 %
71	-	11	0.6 %
72	-	19	1.0 %
73	-	14	0.8 %
74	-	18	1.0 %
75	-	19	1.0 %
76	-	21	1.1 %
77	-	22	1.2 %
78	-	28	1.5 %
79	-	39	2.1 %
80	-	38	2.1 %
81	-	45	2.4 %
82	-	49	2.7 %
83	-	53	2.9 %
84	-	53	2.9 %
85	-	54	2.9 %
86	-	63	3.4 %
87	-	58	3.2 %
88	-	69	3.8 %
89	-	73	4.0 %
90	-	55	3.0 %
91	-	62	3.4 %
92	-	65	3.5 %
93	-	72	3.9 %
94	-	56	3.0 %
95	-	57	3.1 %
96	-	31	1.7 %
97	-	36	2.0 %
98	-	41	2.2 %
	Missing Data		
.	-	194	10.5 %
	Total	**1,839**	**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 1,645 valid cases out of 1,839 total cases.

- Mean: 94.60
- Median: 89.00
- Mode: 89.00
- Minimum: 45.00
- Maximum: 532.00
- Standard Deviation: 33.41

Location: 9-11 (width: 3; decimal: 0)
Variable Type: numeric

H5HBA1C: HEMOGLOBIN A1c (%) -W5

Value	Label	Unweighted Frequency	%
4.2	-	1	0.1 %
4.3	-	1	0.1 %
4.4	-	5	0.3 %
4.5	-	12	0.7 %
4.6	-	25	1.4 %
4.7	-	44	2.4 %
4.8	-	84	4.6 %
4.9	-	138	7.5 %
5.0	-	172	9.4 %
5.1	-	205	11.1 %
5.2	-	244	13.3 %
5.3	-	184	10.0 %
5.4	-	138	7.5 %
5.5	-	105	5.7 %
5.6	-	69	3.8 %
5.7	-	60	3.3 %
5.8	-	24	1.3 %
5.9	-	17	0.9 %
6.0	-	9	0.5 %
6.1	-	6	0.3 %
6.2	-	9	0.5 %
6.3	-	7	0.4 %
6.4	-	3	0.2 %
6.5	-	5	0.3 %
6.6	-	4	0.2 %
6.7	-	1	0.1 %
6.8	-	2	0.1 %

Value	Label	Unweighted Frequency	%
6.9	-	3	0.2 %
7.0	-	4	0.2 %
7.1	-	1	0.1 %
7.3	-	2	0.1 %
7.4	-	2	0.1 %
7.5	-	2	0.1 %
7.6	-	5	0.3 %
7.9	-	2	0.1 %
8.0	-	1	0.1 %
8.1	-	1	0.1 %
8.2	-	1	0.1 %
8.3	-	1	0.1 %
8.4	-	2	0.1 %
8.6	-	3	0.2 %
8.7	-	2	0.1 %
9.3	-	2	0.1 %
9.4	-	2	0.1 %
9.6	-	2	0.1 %
9.9	-	1	0.1 %
10.2	-	2	0.1 %
10.6	-	1	0.1 %
10.8	-	2	0.1 %
10.9	-	1	0.1 %
	Missing Data		
.	-	208	11.3 %
	Total	**1,839**	**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 1,631 valid cases out of 1,839 total cases.

- Mean: 5.36
- Median: 5.20
- Mode: 5.20
- Minimum: 4.20
- Maximum: 14.00
- Standard Deviation: 0.90

Location: 12-15 (width: 4; decimal: 1)
Variable Type: numeric

H5FASTTM: HOURS SINCE LAST ATE -W5

Value	Label	Unweighted Frequency	%
-999.00	-	3	0.2 %
0.00	-	15	0.8 %
0.08	-	1	0.1 %
0.10	-	17	0.9 %
0.20	-	12	0.7 %
0.30	-	5	0.3 %
0.40	-	11	0.6 %
0.50	-	12	0.7 %
0.60	-	8	0.4 %
0.67	-	1	0.1 %
0.70	-	11	0.6 %
0.80	-	15	0.8 %
0.90	-	14	0.8 %
1.00	-	34	1.8 %
1.10	-	12	0.7 %
1.20	-	12	0.7 %
1.30	-	18	1.0 %
1.40	-	14	0.8 %
1.50	-	15	0.8 %
1.60	-	5	0.3 %
1.70	-	8	0.4 %
1.80	-	7	0.4 %
1.90	-	8	0.4 %
2.00	-	21	1.1 %
2.10	-	7	0.4 %
2.20	-	11	0.6 %
2.30	-	12	0.7 %
2.40	-	12	0.7 %
2.50	-	7	0.4 %
2.55	-	1	0.1 %
2.60	-	4	0.2 %
2.70	-	8	0.4 %
2.80	-	9	0.5 %
2.90	-	8	0.4 %
3.00	-	15	0.8 %
3.10	-	5	0.3 %
3.20	-	6	0.3 %
3.30	-	12	0.7 %
3.40	-	10	0.5 %

Value	Label	Unweighted Frequency	%
3.50	-	6	0.3 %
3.60	-	2	0.1 %
3.70	-	7	0.4 %
3.75	-	1	0.1 %
3.80	-	5	0.3 %
3.90	-	3	0.2 %
4.00	-	12	0.7 %
4.10	-	6	0.3 %
4.20	-	5	0.3 %
4.30	-	4	0.2 %
4.33	-	1	0.1 %
	Missing Data		
.	-	115	6.3 %
	Total	**1,839**	**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 1,724 valid cases out of 1,839 total cases.

- Mean: 14.53
- Median: 11.10
- Mode: 1.00
- Minimum: -999.00
- Maximum: 999.00
- Standard Deviation: 92.71

Location: 16-22 (width: 7; decimal: 2)
Variable Type: numeric

H5FASTGL: FLAG: FASTED FOR 8+ HOURS -W5

Value	Label	Unweighted Frequency	%
0	-	613	33.3 %
1	-	1096	59.6 %
	Missing Data		
.	-	130	7.1 %
	Total	**1,839**	**100%**

Based upon 1,709 valid cases out of 1,839 total cases.

- Mean: 0.64
- Median: 1.00
- Mode: 1.00
- Minimum: 0.00

- Maximum: 1.00
- Standard Deviation: 0.48

Location: 23-23 (width: 1; decimal: 0)
Variable Type: numeric

H5CFGLU: CLASS OF FASTING GLUCOSE (ADA) -W5

Value	Label	Unweighted Frequency	%
1	-	879	47.8 %
2	-	125	6.8 %
3	-	44	2.4 %
4	-	583	31.7 %
5	-	14	0.8 %
	Missing Data		
.	-	194	10.5 %
	Total	**1,839**	**100%**

Based upon 1,645 valid cases out of 1,839 total cases.

- Mean: 2.23
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 5.00
- Standard Deviation: 1.42

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

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

Value	Label	Unweighted Frequency	%
1	-	565	30.7 %
2	-	18	1.0 %
3	-	1048	57.0 %
4	-	14	0.8 %
	Missing Data		
.	-	194	10.5 %
	Total	**1,839**	**100%**

Based upon 1,645 valid cases out of 1,839 total cases.

- Mean: 2.31
- Median: 3.00
- Mode: 3.00
- Minimum: 1.00
- Maximum: 4.00

- Standard Deviation: 0.96

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

H5CHBA1C: CLASSIFICATION OF HbA1c (ADA) -W5

Value	Label	Unweighted Frequency	%
1	-	1427	77.6 %
2	-	135	7.3 %
3	-	69	3.8 %
	Missing Data		
.	-	208	11.3 %
	Total	**1,839**	**100%**

Based upon 1,631 valid cases out of 1,839 total cases.

- Mean: 1.17
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.47

Location: 26-26 (width: 1; decimal: 0)
Variable Type: numeric

H5Q045B: Q045b EVER DX WITH DIABETES -W5

Value	Label	Unweighted Frequency	%
0	-	1718	93.4 %
1	-	120	6.5 %
95	-	1	0.1 %
	Total	**1,839**	**100%**

Based upon 1,839 valid cases out of 1,839 total cases.

- Mean: 0.12
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 95.00
- Standard Deviation: 2.23

Location: 27-28 (width: 2; decimal: 0)
Variable Type: numeric

H5C_MED: FLAG: ANTI-DIABETIC MED USE -W5

Value	Label	Unweighted Frequency	%
0	-	1718	93.4 %
1	-	85	4.6 %
94	-	5	0.3 %
96	-	1	0.1 %
99	-	30	1.6 %
	Total	**1,839**	**100%**

Based upon 1,839 valid cases out of 1,839 total cases.

- Mean: 1.97
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 99.00
- Standard Deviation: 13.61

Location: 29-30 (width: 2; decimal: 0)
Variable Type: numeric

H5DIABJC: DIABETES JOINT CLASSIFICATION -W5

Value	Label	Unweighted Frequency	%
0	-	1676	91.1 %
1	-	163	8.9 %
	Total	**1,839**	**100%**

Based upon 1,839 valid cases out of 1,839 total cases.

- Mean: 0.09
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.28

Location: 31-31 (width: 1; decimal: 0)
Variable Type: numeric