ICPSR 21600

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

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Wave IV: Biomarkers, Lipids Variable Description and Frequencies

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ICPSR PROCESSING NOTES FOR #21600

National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008
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DS30: Wave IV: Biomarkers, Lipids

1. **Truncated Value Labels:** Due to limitations in the statistical packages, several 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, Lipids

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

TG: TRIGLYCERIDES (TG) DECILE

TRIGLYCERIDES (TG) DECILE

Value	Label	Unweighted Frequency	%
1	(1) First decile	421	8.2 %
2	(2) Second decile	458	9.0 %
3	(3) Third decile	460	9.0 %
4	(4) Fourth decile	431	8.4 %
5	(5) Fifth decile	418	8.2 %
6	(6) Sixth decile	452	8.8 %
7	(7) Seventh decile	463	9.1 %
8	(8) Eighth decile	404	7.9 %
9	(9) Ninth decile	463	9.1 %
10	(10) Tenth decile	441	8.6 %
	Missing Data		
99	(99) No result for triglycerides (TG)	312	6.1 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,411 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 10.00

Location: 9-10 (width: 2; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 99 , .

TG_FLG: TRIGLYCERIDES (TG) MEASUREMENT METHOD

TRIGLYCERIDES (TG) MEASUREMENT METHOD

Value	Label	Unweighted Frequency	%
1	(1) Imputed	1704	33.3 %
2	(2) Assayed	2707	52.9 %
	Missing Data		

Value	Label	Unweighted Frequency	%
9	(9) No result for triglycerides (TG)	312	6.1 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,411 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 2.00

Location: 11-11 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

TC: TOTAL CHOLESTEROL (TC) DECILE

TOTAL CHOLESTEROL (TC) DECILE

Value	Label	Unweighted Frequency	%
1	(1) First decile	428	8.4 %
2	(2) Second decile	447	8.7 %
3	(3) Third decile	448	8.8 %
4	(4) Fourth decile	463	9.1 %
5	(5) Fifth decile	445	8.7 %
6	(6) Sixth decile	459	9.0 %
7	(7) Seventh decile	458	9.0 %
8	(8) Eighth decile	431	8.4 %
9	(9) Ninth decile	446	8.7 %
10	(10) Tenth decile	491	9.6 %
	Missing Data		
99	(99) No result for total cholesterol (TC)	207	4.0 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,516 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 10.00

Location: 12-13 (width: 2; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 99 , .

TC_FLG: TOTAL CHOLESTEROL (TC) MEASUREMENT METHOD

TOTAL CHOLESTEROL (TC) MEASUREMENT METHOD

Value	Label	Unweighted Frequency	%
1	(1) Imputed	193	3.8 %
2	(2) Assayed	4323	84.5 %
	Missing Data		
9	(9) No result for total cholesterol (TC)	207	4.0 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,516 valid cases out of 5,114 total cases.

• Minimum: 1.00
• Maximum: 2.00

Location: 14-14 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

HDL: HIGH-DENSITY LIPOPROTEIN CHOLESTEROL (HDL-C) DECILE

HIGH-DENSITY LIPOPROTEIN CHOLESTEROL (HDL-C) DECILE

Value	Label	Unweighted Frequency	%
1	(1) First decile	426	8.3 %
2	(2) Second decile	428	8.4 %
3	(3) Third decile	454	8.9 %
4	(4) Fourth decile	407	8.0 %
5	(5) Fifth decile	436	8.5 %
6	(6) Sixth decile	451	8.8 %
7	(7) Seventh decile	456	8.9 %
8	(8) Eighth decile	441	8.6 %
9	(9) Ninth decile	439	8.6 %
10	(10) Tenth decile	501	9.8 %
	Missing Data		
99	(99) No result for high-density lipoprotein cholesterol (HDL	284	5.6 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,439 valid cases out of 5,114 total cases.

• Minimum: 1.00
• Maximum: 10.00

Location: 15-16 (width: 2; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 99 , .

HDL_FLG: HIGH-DENSITY LIPOPROTEIN CHOLESTEROL (HDL-C) MEASUREMENT METHOD

HIGH-DENSITY LIPOPROTEIN CHOLESTEROL (HDL-C) MEASUREMENT METHOD

Value	Label	Unweighted Frequency	%
1	(1) Imputed	772	15.1 %
2	(2) Assayed	3667	71.7 %
	Missing Data		
9	(9) No result for high-density lipoprotein cholesterol (HDL-	284	5.6 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,439 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 2.00

Location: 17-17 (width: 1; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 9 , .

LDL: LOW-DENSITY LIPOPROTEIN CHOLESTEROL (LDL-C) DECILE

LOW-DENSITY LIPOPROTEIN CHOLESTEROL (LDL-C) DECILE

Value	Label	Unweighted Frequency	%
1	(1) First decile	416	8.1 %
2	(2) Second decile	408	8.0 %
3	(3) Third decile	417	8.2 %
4	(4) Fourth decile	425	8.3 %
5	(5) Fifth decile	438	8.6 %
6	(6) Sixth decile	423	8.3 %
7	(7) Seventh decile	429	8.4 %
8	(8) Eighth decile	399	7.8 %
9	(9) Ninth decile	433	8.5 %
10	(10) Tenth decile	445	8.7 %
	Missing Data		
99	(99) No result for low-density lipoprotein cholesterol (LDL-	490	9.6 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,233 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 10.00

Location: 18-19 (width: 2; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 99 , .

NON_HDL: NON-HIGH-DENSITY LIPOPROTEIN CHOLESTEROL (non-HDL-C)

NON-HIGH-DENSITY LIPOPROTEIN CHOLESTEROL (non-HDL-C)

Value	Label	Unweighted Frequency	%
1	(1) First decile	426	8.3 %
2	(2) Second decile	447	8.7 %
3	(3) Third decile	459	9.0 %
4	(4) Fourth decile	412	8.1 %
5	(5) Fifth decile	449	8.8 %
6	(6) Sixth decile	464	9.1 %
7	(7) Seventh decile	436	8.5 %
8	(8) Eighth decile	434	8.5 %
9	(9) Ninth decile	444	8.7 %
10	(10) Tenth decile	468	9.2 %
	Missing Data		
99	(99) No result for non-high-density lipoprotein cholesterol	284	5.6 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,439 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 10.00

Location: 20-21 (width: 2; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 99 , .

TC_HDL: TOTAL CHOLESTEROL TO HIGH DENSITY LIPOPROTEIN CHOLESTEROL RATIO (TC:HDL-C) DECILE

TOTAL CHOLESTEROL TO HIGH DENSITY LIPOPROTEIN CHOLESTEROL RATIO (TC:HDL-C) DECILE

Value	Label	Unweighted Frequency	%
1	(1) First decile	446	8.7 %
2	(2) Second decile	468	9.2 %
3	(3) Third decile	451	8.8 %
4	(4) Fourth decile	446	8.7 %
5	(5) Fifth decile	447	8.7 %
6	(6) Sixth decile	454	8.9 %
7	(7) Seventh decile	424	8.3 %
8	(8) Eighth decile	400	7.8 %
9	(9) Ninth decile	452	8.8 %
10	(10) Tenth decile	451	8.8 %

Value	Label	Unweighted Frequency	%
	Missing Data		
99	(99) No result for total cholesterol to high-density lipopro	284	5.6 %
.	-	391	7.6 %
	Total	**5,114**	**100%**

Based upon 4,439 valid cases out of 5,114 total cases.

- Minimum: 1.00
- Maximum: 10.00

Location: 22-23 (width: 2; decimal: 0)
Variable Type: numeric
(Range of) Missing Values: 99 , .

C_MED2: ANTIHYPERLIPIDEMIC MEDICATION USE

ANTIHYPERLIPIDEMIC MEDICATION USE

Value	Label	Unweighted Frequency	%
0	(0) Did not report taking antihyperlipidemic medication	5077	99.3 %
1	(1) Reported taking antihyperlipidemic medication	37	0.7 %
	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_JOINT2: JOINT CLASSIFICATION OF SELF-REPORTED HISTORY OF HYPERLIPIDERMIA AND ANTIHYPERLIPIDEMIC MEDICATION USE

JOINT CLASSIFICATION OF SELF-REPORTED HISTORY OF HYPERLIPIDERMIA AND ANTIHYPERLIPIDEMIC MEDICATION USE

Value	Label	Unweighted Frequency	%
0	(0) No evidence of hyperlipidemia	4692	91.7 %
1	(1) Evidence of hyperlipidemia	422	8.3 %
	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

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 %
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 %

Value	Label	Unweighted Frequency	%
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: 26-29 (width: 4; decimal: 1)
Variable Type: numeric

FAST_LIP: FASTED FOR NINE HOURS OR MORE

FASTED FOR NINE HOURS OR MORE

Value	Label	Unweighted Frequency	%
0	(0) Fasted for less than nine hours	4310	84.3 %
1	(1) Fasted for nine hours or more	757	14.8 %
	Missing Data		
.	-	47	0.9 %
	Total	**5,114**	**100%**

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

- Minimum: 0.00
- Maximum: 1.00

Location: 30-30 (width: 1; decimal: 0)
Variable Type: numeric