

ICPSR 21600

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

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Wave V: Biomarkers, Anthropometrics 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]*

*DS34: Wave V: Biomarkers, Anthropometrics*

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.

# **ICPSR 21600**

## **National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2018 [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, 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, Anthropometrics

### 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 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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

## H5ARM: Q023 WHICH ARM IS MEASURED (1=R,2=L) -W5

Value	Label	Unweighted Frequency	%
1	-	1657	90.1 %
2	-	180	9.8 %
96	-	2	0.1 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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

- Mean: 1.20
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 96.00
- Standard Deviation: 3.14

*Location:* 9-10 (width: 2; decimal: 0)

*Variable Type:* numeric

## H5ARMCIR: MEASURED ARM CIRCUMFERENCE (CM) -W5

Value	Label	Unweighted Frequency	%
9.5	-	1	0.1 %
10.0	-	1	0.1 %
12.0	-	1	0.1 %
14.5	-	1	0.1 %
15.0	-	1	0.1 %
16.5	-	1	0.1 %
17.0	-	1	0.1 %
18.0	-	7	0.4 %
20.0	-	7	0.4 %
21.0	-	13	0.7 %
21.5	-	1	0.1 %
22.0	-	11	0.6 %
22.5	-	3	0.2 %
23.0	-	14	0.8 %
23.5	-	5	0.3 %
24.0	-	76	4.1 %
24.1	-	5	0.3 %
24.5	-	31	1.7 %
25.0	-	75	4.1 %
25.4	-	1	0.1 %
25.5	-	14	0.8 %
26.0	-	81	4.4 %
26.5	-	19	1.0 %
26.7	-	2	0.1 %
27.0	-	98	5.3 %
27.5	-	21	1.1 %
27.9	-	2	0.1 %
28.0	-	124	6.7 %
28.5	-	22	1.2 %
29.0	-	112	6.1 %
29.2	-	4	0.2 %
29.5	-	27	1.5 %
30.0	-	120	6.5 %
30.5	-	23	1.3 %
31.0	-	122	6.6 %
31.5	-	17	0.9 %
31.8	-	3	0.2 %
32.0	-	109	5.9 %
32.5	-	20	1.1 %

Value	Label	Unweighted Frequency	%
33.0	-	115	6.3 %
33.5	-	20	1.1 %
34.0	-	86	4.7 %
34.5	-	17	0.9 %
35.0	-	72	3.9 %
35.5	-	16	0.9 %
35.6	-	2	0.1 %
36.0	-	63	3.4 %
36.5	-	13	0.7 %
36.8	-	3	0.2 %
37.0	-	40	2.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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.

- Mean: 52.57
- Median: 30.50
- Mode: 28.00
- Minimum: 9.50
- Maximum: 9999.00
- Standard Deviation: 464.47

*Location:* 11-16 (width: 6; decimal: 1)

*Variable Type:* numeric

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## H5ARMINS: FLAG: ARM CONVERTED INCHES TO CMs -W5

Value	Label	Unweighted Frequency	%
0	-	1806	98.2 %
1	-	29	1.6 %
	<b>Missing Data</b>		
.	-	4	0.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

Based upon 1,835 valid cases out of 1,839 total cases.

- Mean: 0.02
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.12

*Location:* 17-17 (width: 1; decimal: 0)

*Variable Type:* numeric



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## H5HGTINS: FLAG: HEIGHT CONVERTED INCHES TO CMs -W5

Value	Label	Unweighted Frequency	%
0	-	1789	97.3 %
1	-	31	1.7 %
	Missing Data		
.	-	19	1.0 %
	Total	1,839	100%

Based upon 1,820 valid cases out of 1,839 total cases.

- Mean: 0.02
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.13

Location: 18-18 (width: 1; decimal: 0)

Variable Type: numeric

---

## H5WGTLBS: FLAG: WEIGHT CONVERTED LBs TO KGs -W5

Value	Label	Unweighted Frequency	%
0	-	1764	95.9 %
1	-	60	3.3 %
	Missing Data		
.	-	15	0.8 %
	Total	1,839	100%

Based upon 1,824 valid cases out of 1,839 total cases.

- Mean: 0.03
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.18

Location: 19-19 (width: 1; decimal: 0)

Variable Type: numeric

---

## H5BMICLS: CLASSIFICATION OF BMI (NIH) -W5

Value	Label	Unweighted Frequency	%
1	-	15	0.8 %
2	-	423	23.0 %
3	-	520	28.3 %

Value	Label	Unweighted Frequency	%
4	-	383	20.8 %
5	-	246	13.4 %
6	-	223	12.1 %
	<b>Missing Data</b>		
.	-	29	1.6 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

Based upon 1,810 valid cases out of 1,839 total cases.

- Mean: 3.60
- Median: 3.00
- Mode: 3.00
- Minimum: 1.00
- Maximum: 6.00
- Standard Deviation: 1.33

*Location:* 20-20 (width: 1; decimal: 0)

*Variable Type:* numeric

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## H5WAIST: MEASURED WAIST CIRCUMFERENCE (CM) -W5

Value	Label	Unweighted Frequency	%
51.5	-	1	0.1 %
52.0	-	1	0.1 %
54.0	-	1	0.1 %
55.0	-	1	0.1 %
58.0	-	1	0.1 %
59.0	-	2	0.1 %
60.0	-	3	0.2 %
61.0	-	1	0.1 %
63.0	-	3	0.2 %
63.5	-	1	0.1 %
64.0	-	6	0.3 %
65.0	-	3	0.2 %
66.0	-	11	0.6 %
66.5	-	2	0.1 %
67.0	-	9	0.5 %
68.0	-	10	0.5 %
68.6	-	1	0.1 %
69.0	-	8	0.4 %
69.5	-	4	0.2 %
70.0	-	14	0.8 %
70.5	-	2	0.1 %

Value	Label	Unweighted Frequency	%
71.0	-	18	1.0 %
71.5	-	1	0.1 %
72.0	-	12	0.7 %
72.4	-	1	0.1 %
72.5	-	1	0.1 %
73.0	-	10	0.5 %
73.5	-	4	0.2 %
74.0	-	11	0.6 %
74.5	-	7	0.4 %
75.0	-	12	0.7 %
75.5	-	5	0.3 %
76.0	-	15	0.8 %
76.5	-	5	0.3 %
77.0	-	24	1.3 %
77.5	-	1	0.1 %
78.0	-	28	1.5 %
78.5	-	3	0.2 %
78.7	-	2	0.1 %
79.0	-	21	1.1 %
79.5	-	2	0.1 %
80.0	-	26	1.4 %
80.5	-	10	0.5 %
81.0	-	39	2.1 %
81.5	-	3	0.2 %
82.0	-	33	1.8 %
82.5	-	10	0.5 %
82.6	-	1	0.1 %
83.0	-	27	1.5 %
83.5	-	7	0.4 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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.

- Mean: 157.16
- Median: 96.00
- Minimum: 51.50
- Maximum: 9997.00
- Standard Deviation: 763.62

*Location:* 21-26 (width: 6; decimal: 1)

Variable Type: numeric

## H5WSTINS: FLAG: WAIST CONVERTED INCHES TO CMs -W5

Value	Label	Unweighted Frequency	%
0	-	1797	97.7 %
1	-	31	1.7 %
	Missing Data		
.	-	11	0.6 %
	Total	1,839	100%

Based upon 1,828 valid cases out of 1,839 total cases.

- Mean: 0.02
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.13

Location: 27-27 (width: 1; decimal: 0)

Variable Type: numeric

## H5WSTCLS: CLASSIFICATION OF WAIST CIRCUM (NIH) -W5

Value	Label	Unweighted Frequency	%
1	-	866	47.1 %
2	-	962	52.3 %
	Missing Data		
.	-	11	0.6 %
	Total	1,839	100%

Based upon 1,828 valid cases out of 1,839 total cases.

- Mean: 1.53
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.50

Location: 28-28 (width: 1; decimal: 0)

Variable Type: numeric

## H5HGT: MEASURED HEIGHT (CM) -W5

Value	Label	Unweighted Frequency	%
149.0	-	11	0.6 %
149.5	-	2	0.1 %

Value	Label	Unweighted Frequency	%
150.0	-	8	0.4 %
150.5	-	2	0.1 %
151.0	-	10	0.5 %
152.0	-	10	0.5 %
152.4	-	1	0.1 %
152.5	-	4	0.2 %
153.0	-	14	0.8 %
153.5	-	4	0.2 %
154.0	-	16	0.9 %
154.5	-	4	0.2 %
154.9	-	3	0.2 %
155.0	-	14	0.8 %
155.5	-	3	0.2 %
156.0	-	19	1.0 %
156.5	-	7	0.4 %
157.0	-	24	1.3 %
157.5	-	13	0.7 %
158.0	-	20	1.1 %
158.5	-	12	0.7 %
159.0	-	19	1.0 %
159.5	-	6	0.3 %
160.0	-	70	3.8 %
160.5	-	17	0.9 %
161.0	-	36	2.0 %
161.3	-	1	0.1 %
161.5	-	13	0.7 %
162.0	-	42	2.3 %
162.5	-	21	1.1 %
162.6	-	1	0.1 %
163.0	-	45	2.4 %
163.5	-	17	0.9 %
163.8	-	1	0.1 %
164.0	-	50	2.7 %
164.5	-	23	1.3 %
165.0	-	65	3.5 %
165.1	-	2	0.1 %
165.5	-	20	1.1 %
166.0	-	44	2.4 %
166.5	-	16	0.9 %

Value	Label	Unweighted Frequency	%
167.0	-	58	3.2 %
167.5	-	31	1.7 %
167.6	-	2	0.1 %
168.0	-	44	2.4 %
168.5	-	16	0.9 %
169.0	-	34	1.8 %
169.5	-	21	1.1 %
170.0	-	71	3.9 %
170.2	-	3	0.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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.

- Mean: 271.55
- Median: 170.00
- Mode: 170.00
- Minimum: 149.00
- Maximum: 9999.00
- Standard Deviation: 994.08

*Location:* 29-34 (width: 6; decimal: 1)

*Variable Type:* numeric

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## H5WGT: MEASURED WEIGHT (KG) -W5

Value	Label	Unweighted Frequency	%
46.5	-	10	0.5 %
46.6	-	1	0.1 %
47.0	-	1	0.1 %
47.8	-	1	0.1 %
48.3	-	3	0.2 %
48.5	-	2	0.1 %
48.8	-	2	0.1 %
49.0	-	1	0.1 %
49.1	-	1	0.1 %
49.2	-	1	0.1 %
49.3	-	1	0.1 %
49.4	-	1	0.1 %
49.7	-	1	0.1 %
50.0	-	3	0.2 %
50.2	-	1	0.1 %

Value	Label	Unweighted Frequency	%
50.3	-	1	0.1 %
50.7	-	1	0.1 %
51.0	-	2	0.1 %
51.3	-	1	0.1 %
51.5	-	1	0.1 %
51.6	-	1	0.1 %
51.8	-	2	0.1 %
52.2	-	1	0.1 %
52.5	-	1	0.1 %
52.7	-	1	0.1 %
52.8	-	1	0.1 %
53.0	-	2	0.1 %
53.2	-	3	0.2 %
53.3	-	1	0.1 %
53.4	-	1	0.1 %
53.5	-	3	0.2 %
53.6	-	2	0.1 %
53.7	-	3	0.2 %
53.8	-	1	0.1 %
54.0	-	5	0.3 %
54.2	-	1	0.1 %
54.3	-	1	0.1 %
54.4	-	3	0.2 %
54.5	-	1	0.1 %
54.6	-	1	0.1 %
54.7	-	1	0.1 %
54.8	-	1	0.1 %
55.0	-	6	0.3 %
55.2	-	2	0.1 %
55.5	-	1	0.1 %
55.6	-	1	0.1 %
55.7	-	3	0.2 %
55.8	-	1	0.1 %
55.9	-	3	0.2 %
56.0	-	3	0.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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.

- Mean: 169.95
- Minimum: 46.50
- Maximum: 9999.00
- Standard Deviation: 891.71

*Location:* 35-40 (width: 6; decimal: 1)

*Variable Type:* numeric

## H5BMI: BMI (KG/M2) -W5

Value	Label	Unweighted Frequency	%
16.5	-	1	0.1 %
16.7	-	1	0.1 %
16.8	-	2	0.1 %
16.9	-	1	0.1 %
17.0	-	2	0.1 %
17.4	-	1	0.1 %
17.6	-	1	0.1 %
18.1	-	1	0.1 %
18.2	-	2	0.1 %
18.3	-	1	0.1 %
18.4	-	1	0.1 %
18.5	-	2	0.1 %
18.6	-	1	0.1 %
18.8	-	1	0.1 %
18.9	-	5	0.3 %
19.0	-	1	0.1 %
19.1	-	1	0.1 %
19.2	-	4	0.2 %
19.3	-	4	0.2 %
19.4	-	3	0.2 %
19.5	-	3	0.2 %
19.6	-	3	0.2 %
19.7	-	5	0.3 %
19.8	-	3	0.2 %
19.9	-	3	0.2 %
20.0	-	1	0.1 %
20.1	-	3	0.2 %
20.2	-	3	0.2 %
20.3	-	4	0.2 %
20.4	-	3	0.2 %



Value	Label	Unweighted Frequency	%
20.5	-	5	0.3 %
20.6	-	8	0.4 %
20.7	-	2	0.1 %
20.8	-	4	0.2 %
20.9	-	9	0.5 %
21.0	-	6	0.3 %
21.1	-	7	0.4 %
21.2	-	9	0.5 %
21.3	-	4	0.2 %
21.4	-	4	0.2 %
21.5	-	6	0.3 %
21.6	-	12	0.7 %
21.7	-	8	0.4 %
21.8	-	8	0.4 %
21.9	-	7	0.4 %
22.0	-	8	0.4 %
22.1	-	5	0.3 %
22.2	-	7	0.4 %
22.3	-	10	0.5 %
22.4	-	6	0.3 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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.

- Mean: 187.99
- Minimum: 16.50
- Maximum: 9999.00
- Standard Deviation: 1242.08

*Location:* 41-46 (width: 6; decimal: 1)

*Variable Type:* numeric