

ICPSR 21600

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

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Wave V: Biomarkers, Cardiovascular Measures  
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]*

*DS35: Wave V: Biomarkers, Cardiovascular Measures*

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, Cardiovascular Measures

### 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

## H5Q015: Q015 SMOKE ANY TOBACCO PRODUCTS -W5

Value	Label	Unweighted Frequency	%
0	-	1413	76.8 %
1	-	426	23.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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

- Mean: 0.23
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.42

*Location:* 9-9 (width: 1; decimal: 0)

*Variable Type:* numeric

## 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:* 10-11 (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 %

Value	Label	Unweighted Frequency	%
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 %
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:* 12-17 (width: 6; decimal: 1)

*Variable Type:* numeric



---

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

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

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

Variable Type: numeric

---

## H5CUFFIT: FLAG: ARM CIRCUMFERENCE FIT BP CUFF -W5

Value	Label	Unweighted Frequency	%
0	-	126	6.9 %
1	-	1711	93.0 %
	Missing Data		
.	-	2	0.1 %
	Total	1,839	100%

Based upon 1,837 valid cases out of 1,839 total cases.

- Mean: 0.93
- Median: 1.00
- Mode: 1.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.25

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

Variable Type: numeric

---

## H5Q031: Q031 SYSTOLIC BP #1 (MMHg) -W5

Value	Label	Unweighted Frequency	%
73	-	1	0.1 %
74	-	1	0.1 %
84	-	1	0.1 %

Value	Label	Unweighted Frequency	%
87	-	3	0.2 %
88	-	2	0.1 %
89	-	2	0.1 %
90	-	3	0.2 %
91	-	5	0.3 %
92	-	4	0.2 %
93	-	3	0.2 %
94	-	3	0.2 %
95	-	6	0.3 %
96	-	7	0.4 %
97	-	8	0.4 %
98	-	16	0.9 %
99	-	13	0.7 %
100	-	18	1.0 %
101	-	14	0.8 %
102	-	17	0.9 %
103	-	10	0.5 %
104	-	23	1.3 %
105	-	23	1.3 %
106	-	29	1.6 %
107	-	26	1.4 %
108	-	27	1.5 %
109	-	32	1.7 %
110	-	39	2.1 %
111	-	38	2.1 %
112	-	46	2.5 %
113	-	42	2.3 %
114	-	35	1.9 %
115	-	39	2.1 %
116	-	41	2.2 %
117	-	49	2.7 %
118	-	39	2.1 %
119	-	37	2.0 %
120	-	44	2.4 %
121	-	39	2.1 %
122	-	46	2.5 %
123	-	38	2.1 %
124	-	50	2.7 %
125	-	48	2.6 %

Value	Label	Unweighted Frequency	%
126	-	56	3.0 %
127	-	39	2.1 %
128	-	47	2.6 %
129	-	38	2.1 %
130	-	47	2.6 %
131	-	39	2.1 %
132	-	22	1.2 %
133	-	40	2.2 %
	<b>Missing Data</b>		
.	-	79	4.3 %
	<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 1,760 valid cases out of 1,839 total cases.

- Mean: 124.48
- Median: 124.00
- Mode: 126.00
- Minimum: 73.00
- Maximum: 189.00
- Standard Deviation: 16.18

*Location:* 20-22 (width: 3; decimal: 0)

*Variable Type:* numeric

## H5Q032: Q032 DIASTOLIC BP #1 (MMHg) -W5

Value	Label	Unweighted Frequency	%
38	-	1	0.1 %
46	-	1	0.1 %
48	-	1	0.1 %
53	-	1	0.1 %
54	-	2	0.1 %
55	-	2	0.1 %
56	-	2	0.1 %
57	-	4	0.2 %
58	-	4	0.2 %
59	-	7	0.4 %
60	-	20	1.1 %
61	-	4	0.2 %
62	-	39	2.1 %
63	-	19	1.0 %

Value	Label	Unweighted Frequency	%
64	-	23	1.3 %
65	-	18	1.0 %
66	-	18	1.0 %
67	-	33	1.8 %
68	-	40	2.2 %
69	-	39	2.1 %
70	-	66	3.6 %
71	-	55	3.0 %
72	-	54	2.9 %
73	-	52	2.8 %
74	-	53	2.9 %
75	-	53	2.9 %
76	-	65	3.5 %
77	-	61	3.3 %
78	-	65	3.5 %
79	-	60	3.3 %
80	-	76	4.1 %
81	-	53	2.9 %
82	-	57	3.1 %
83	-	66	3.6 %
84	-	64	3.5 %
85	-	52	2.8 %
86	-	44	2.4 %
87	-	43	2.3 %
88	-	45	2.4 %
89	-	44	2.4 %
90	-	33	1.8 %
91	-	39	2.1 %
92	-	25	1.4 %
93	-	45	2.4 %
94	-	19	1.0 %
95	-	20	1.1 %
96	-	24	1.3 %
97	-	16	0.9 %
98	-	21	1.1 %
99	-	10	0.5 %
	Missing Data		
.	-	79	4.3 %
	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 1,760 valid cases out of 1,839 total cases.

- Mean: 80.44
- Median: 80.00
- Mode: 80.00
- Minimum: 38.00
- Maximum: 135.00
- Standard Deviation: 11.41

*Location:* 23-25 (width: 3; decimal: 0)

*Variable Type:* numeric

## H5Q033: Q033 PULSE RATE #1 (/MIN) -W5

Value	Label	Unweighted Frequency	%
42	-	1	0.1 %
43	-	3	0.2 %
44	-	1	0.1 %
45	-	1	0.1 %
47	-	2	0.1 %
48	-	6	0.3 %
49	-	4	0.2 %
50	-	6	0.3 %
51	-	4	0.2 %
52	-	9	0.5 %
53	-	7	0.4 %
54	-	10	0.5 %
55	-	12	0.7 %
56	-	14	0.8 %
57	-	19	1.0 %
58	-	24	1.3 %
59	-	33	1.8 %
60	-	37	2.0 %
61	-	30	1.6 %
62	-	50	2.7 %
63	-	29	1.6 %
64	-	51	2.8 %
65	-	54	2.9 %
66	-	53	2.9 %
67	-	45	2.4 %
68	-	64	3.5 %
69	-	49	2.7 %

Value	Label	Unweighted Frequency	%
70	-	71	3.9 %
71	-	55	3.0 %
72	-	71	3.9 %
73	-	53	2.9 %
74	-	63	3.4 %
75	-	49	2.7 %
76	-	59	3.2 %
77	-	45	2.4 %
78	-	46	2.5 %
79	-	43	2.3 %
80	-	53	2.9 %
81	-	46	2.5 %
82	-	45	2.4 %
83	-	37	2.0 %
84	-	37	2.0 %
85	-	30	1.6 %
86	-	30	1.6 %
87	-	33	1.8 %
88	-	32	1.7 %
89	-	29	1.6 %
90	-	22	1.2 %
91	-	24	1.3 %
92	-	18	1.0 %
	<b>Missing Data</b>		
.	-	79	4.3 %
	<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 1,760 valid cases out of 1,839 total cases.

- Mean: 74.92
- Median: 74.00
- Minimum: 42.00
- Maximum: 125.00
- Standard Deviation: 12.41

*Location:* 26-28 (width: 3; decimal: 0)

*Variable Type:* numeric

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## H5Q036: Q036 SYSTOLIC BP #2 (MMHg) -W5

Value	Label	Unweighted Frequency	%
79	-	1	0.1 %
84	-	2	0.1 %
86	-	1	0.1 %
88	-	3	0.2 %
89	-	1	0.1 %
90	-	1	0.1 %
91	-	2	0.1 %
92	-	6	0.3 %
93	-	4	0.2 %
94	-	3	0.2 %
95	-	8	0.4 %
96	-	6	0.3 %
97	-	7	0.4 %
98	-	11	0.6 %
99	-	18	1.0 %
100	-	13	0.7 %
101	-	17	0.9 %
102	-	31	1.7 %
103	-	28	1.5 %
104	-	23	1.3 %
105	-	30	1.6 %
106	-	31	1.7 %
107	-	28	1.5 %
108	-	34	1.8 %
109	-	31	1.7 %
110	-	33	1.8 %
111	-	25	1.4 %
112	-	40	2.2 %
113	-	40	2.2 %
114	-	36	2.0 %
115	-	39	2.1 %
116	-	54	2.9 %
117	-	40	2.2 %
118	-	51	2.8 %
119	-	37	2.0 %
120	-	48	2.6 %
121	-	48	2.6 %
122	-	53	2.9 %
123	-	44	2.4 %

Value	Label	Unweighted Frequency	%
124	-	51	2.8 %
125	-	51	2.8 %
126	-	39	2.1 %
127	-	41	2.2 %
128	-	48	2.6 %
129	-	38	2.1 %
130	-	47	2.6 %
131	-	34	1.8 %
132	-	37	2.0 %
133	-	38	2.1 %
134	-	39	2.1 %
	<b>Missing Data</b>		
.	-	80	4.4 %
	<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 1,759 valid cases out of 1,839 total cases.

- Mean: 123.13
- Median: 122.00
- Mode: 116.00
- Minimum: 79.00
- Maximum: 195.00
- Standard Deviation: 15.12

*Location:* 29-31 (width: 3; decimal: 0)

*Variable Type:* numeric

## H5Q037: Q037 DIASTOLIC BP #2 (MMHg) -W5

Value	Label	Unweighted Frequency	%
45	-	2	0.1 %
52	-	1	0.1 %
54	-	2	0.1 %
55	-	2	0.1 %
56	-	2	0.1 %
57	-	5	0.3 %
58	-	3	0.2 %
59	-	9	0.5 %
60	-	11	0.6 %
61	-	16	0.9 %
62	-	50	2.7 %



Value	Label	Unweighted Frequency	%
63	-	14	0.8 %
64	-	28	1.5 %
65	-	31	1.7 %
66	-	32	1.7 %
67	-	34	1.8 %
68	-	38	2.1 %
69	-	46	2.5 %
70	-	40	2.2 %
71	-	42	2.3 %
72	-	55	3.0 %
73	-	42	2.3 %
74	-	63	3.4 %
75	-	59	3.2 %
76	-	75	4.1 %
77	-	64	3.5 %
78	-	62	3.4 %
79	-	49	2.7 %
80	-	88	4.8 %
81	-	58	3.2 %
82	-	75	4.1 %
83	-	58	3.2 %
84	-	58	3.2 %
85	-	51	2.8 %
86	-	38	2.1 %
87	-	40	2.2 %
88	-	45	2.4 %
89	-	34	1.8 %
90	-	41	2.2 %
91	-	37	2.0 %
92	-	32	1.7 %
93	-	47	2.6 %
94	-	25	1.4 %
95	-	21	1.1 %
96	-	13	0.7 %
97	-	12	0.7 %
98	-	18	1.0 %
99	-	12	0.7 %
100	-	10	0.5 %
101	-	9	0.5 %

Value	Label	Unweighted Frequency	%
	Missing Data		
.	-	80	4.4 %
	<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 1,759 valid cases out of 1,839 total cases.

- Mean: 79.79
- Median: 80.00
- Mode: 80.00
- Minimum: 45.00
- Maximum: 125.00
- Standard Deviation: 11.11

*Location:* 32-34 (width: 3; decimal: 0)

*Variable Type:* numeric

---

## H5Q038: Q038 PULSE RATE #2 (/MIN) -W5

Value	Label	Unweighted Frequency	%
41	-	1	0.1 %
42	-	1	0.1 %
45	-	1	0.1 %
46	-	4	0.2 %
47	-	2	0.1 %
48	-	4	0.2 %
49	-	1	0.1 %
50	-	9	0.5 %
51	-	7	0.4 %
52	-	5	0.3 %
53	-	9	0.5 %
54	-	9	0.5 %
55	-	15	0.8 %
56	-	14	0.8 %
57	-	14	0.8 %
58	-	19	1.0 %
59	-	31	1.7 %
60	-	43	2.3 %
61	-	21	1.1 %
62	-	48	2.6 %
63	-	46	2.5 %
64	-	35	1.9 %

Value	Label	Unweighted Frequency	%
65	-	55	3.0 %
66	-	59	3.2 %
67	-	46	2.5 %
68	-	62	3.4 %
69	-	65	3.5 %
70	-	66	3.6 %
71	-	55	3.0 %
72	-	62	3.4 %
73	-	48	2.6 %
74	-	53	2.9 %
75	-	69	3.8 %
76	-	59	3.2 %
77	-	60	3.3 %
78	-	48	2.6 %
79	-	39	2.1 %
80	-	61	3.3 %
81	-	45	2.4 %
82	-	32	1.7 %
83	-	33	1.8 %
84	-	34	1.8 %
85	-	29	1.6 %
86	-	33	1.8 %
87	-	26	1.4 %
88	-	30	1.6 %
89	-	23	1.3 %
90	-	38	2.1 %
91	-	22	1.2 %
92	-	17	0.9 %
	<b>Missing Data</b>		
.	-	80	4.4 %
	<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 1,759 valid cases out of 1,839 total cases.

- Mean: 74.92
- Median: 74.00
- Mode: 75.00
- Minimum: 41.00
- Maximum: 123.00

• Standard Deviation: 12.27

Location: 35-37 (width: 3; decimal: 0)

Variable Type: numeric

## H5Q041: Q041 SYSTOLIC BP #3 (MMHg) -W5

Value	Label	Unweighted Frequency	%
78	-	1	0.1 %
82	-	1	0.1 %
83	-	1	0.1 %
85	-	1	0.1 %
88	-	4	0.2 %
89	-	1	0.1 %
90	-	4	0.2 %
91	-	2	0.1 %
92	-	4	0.2 %
93	-	1	0.1 %
94	-	3	0.2 %
95	-	11	0.6 %
96	-	10	0.5 %
97	-	8	0.4 %
98	-	14	0.8 %
99	-	12	0.7 %
100	-	17	0.9 %
101	-	23	1.3 %
102	-	19	1.0 %
103	-	20	1.1 %
104	-	15	0.8 %
105	-	35	1.9 %
106	-	32	1.7 %
107	-	23	1.3 %
108	-	37	2.0 %
109	-	35	1.9 %
110	-	44	2.4 %
111	-	34	1.8 %
112	-	54	2.9 %
113	-	45	2.4 %
114	-	44	2.4 %
115	-	49	2.7 %
116	-	42	2.3 %
117	-	46	2.5 %

Value	Label	Unweighted Frequency	%
118	-	60	3.3 %
119	-	48	2.6 %
120	-	54	2.9 %
121	-	48	2.6 %
122	-	53	2.9 %
123	-	39	2.1 %
124	-	41	2.2 %
125	-	54	2.9 %
126	-	39	2.1 %
127	-	40	2.2 %
128	-	52	2.8 %
129	-	34	1.8 %
130	-	56	3.0 %
131	-	29	1.6 %
132	-	38	2.1 %
133	-	28	1.5 %
	<b>Missing Data</b>		
.	-	83	4.5 %
	<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 1,756 valid cases out of 1,839 total cases.

- Mean: 122.17
- Median: 121.00
- Mode: 118.00
- Minimum: 78.00
- Maximum: 187.00
- Standard Deviation: 14.80

*Location:* 38-40 (width: 3; decimal: 0)

*Variable Type:* numeric

---

## H5Q042: Q042 DIASTOLIC BP #3 (MMHg) -W5

Value	Label	Unweighted Frequency	%
45	-	1	0.1 %
52	-	1	0.1 %
53	-	1	0.1 %
54	-	3	0.2 %
55	-	1	0.1 %
56	-	4	0.2 %

Value	Label	Unweighted Frequency	%
57	-	2	0.1 %
58	-	5	0.3 %
59	-	6	0.3 %
60	-	22	1.2 %
61	-	8	0.4 %
62	-	31	1.7 %
63	-	29	1.6 %
64	-	34	1.8 %
65	-	31	1.7 %
66	-	31	1.7 %
67	-	40	2.2 %
68	-	41	2.2 %
69	-	27	1.5 %
70	-	62	3.4 %
71	-	45	2.4 %
72	-	60	3.3 %
73	-	50	2.7 %
74	-	76	4.1 %
75	-	62	3.4 %
76	-	61	3.3 %
77	-	66	3.6 %
78	-	69	3.8 %
79	-	50	2.7 %
80	-	83	4.5 %
81	-	69	3.8 %
82	-	62	3.4 %
83	-	42	2.3 %
84	-	58	3.2 %
85	-	40	2.2 %
86	-	47	2.6 %
87	-	37	2.0 %
88	-	48	2.6 %
89	-	42	2.3 %
90	-	34	1.8 %
91	-	24	1.3 %
92	-	38	2.1 %
93	-	46	2.5 %
94	-	22	1.2 %
95	-	15	0.8 %

Value	Label	Unweighted Frequency	%
96	-	11	0.6 %
97	-	12	0.7 %
98	-	17	0.9 %
99	-	15	0.8 %
100	-	11	0.6 %
	<b>Missing Data</b>		
.	-	83	4.5 %
	<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 1,756 valid cases out of 1,839 total cases.

- Mean: 79.37
- Median: 79.00
- Mode: 80.00
- Minimum: 45.00
- Maximum: 123.00
- Standard Deviation: 10.96

*Location:* 41-43 (width: 3; decimal: 0)

*Variable Type:* numeric

## H5Q043: Q043 PULSE RATE #3 (/MIN) -W5

Value	Label	Unweighted Frequency	%
42	-	1	0.1 %
43	-	1	0.1 %
44	-	1	0.1 %
45	-	1	0.1 %
47	-	3	0.2 %
48	-	3	0.2 %
49	-	3	0.2 %
50	-	6	0.3 %
51	-	3	0.2 %
52	-	7	0.4 %
53	-	9	0.5 %
54	-	15	0.8 %
55	-	7	0.4 %
56	-	23	1.3 %
57	-	12	0.7 %
58	-	28	1.5 %
59	-	23	1.3 %

Value	Label	Unweighted Frequency	%
60	-	45	2.4 %
61	-	36	2.0 %
62	-	37	2.0 %
63	-	33	1.8 %
64	-	48	2.6 %
65	-	32	1.7 %
66	-	60	3.3 %
67	-	46	2.5 %
68	-	68	3.7 %
69	-	61	3.3 %
70	-	54	2.9 %
71	-	50	2.7 %
72	-	73	4.0 %
73	-	45	2.4 %
74	-	69	3.8 %
75	-	50	2.7 %
76	-	63	3.4 %
77	-	57	3.1 %
78	-	53	2.9 %
79	-	44	2.4 %
80	-	44	2.4 %
81	-	46	2.5 %
82	-	45	2.4 %
83	-	42	2.3 %
84	-	52	2.8 %
85	-	37	2.0 %
86	-	43	2.3 %
87	-	35	1.9 %
88	-	26	1.4 %
89	-	15	0.8 %
90	-	25	1.4 %
91	-	15	0.8 %
92	-	18	1.0 %
	<b>Missing Data</b>		
.	-	83	4.5 %
	<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 1,756 valid cases out of 1,839 total cases.

- Mean: 74.95
- Median: 74.00
- Mode: 72.00
- Minimum: 42.00
- Maximum: 130.00
- Standard Deviation: 11.97

Location: 44-46 (width: 3; decimal: 0)

Variable Type: numeric

---

## H5BPFLG: # BPs/PRs USED FOR SINGLE MEASURE -W5

Value	Label	Unweighted Frequency	%
1	-	1755	95.4 %
2	-	1	0.1 %
3	-	4	0.2 %
4	-	2	0.1 %
5	-	77	4.2 %
Total		1,839	100%

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

- Mean: 1.18
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 5.00
- Standard Deviation: 0.81

Location: 47-47 (width: 1; decimal: 0)

Variable Type: numeric

---

## H5SBP: SYSTOLIC BLOOD PRESSURE (MMHg) -W5

Value	Label	Unweighted Frequency	%
80.5	-	1	0.1 %
87.0	-	1	0.1 %
87.5	-	1	0.1 %
88.0	-	1	0.1 %
90.0	-	1	0.1 %
91.0	-	2	0.1 %
92.0	-	1	0.1 %
92.5	-	2	0.1 %
93.0	-	2	0.1 %
93.5	-	2	0.1 %
94.0	-	1	0.1 %

Value	Label	Unweighted Frequency	%
94.5	-	2	0.1 %
95.0	-	5	0.3 %
95.5	-	1	0.1 %
96.0	-	2	0.1 %
96.5	-	3	0.2 %
97.0	-	5	0.3 %
97.5	-	6	0.3 %
98.0	-	4	0.2 %
98.5	-	8	0.4 %
99.0	-	9	0.5 %
99.5	-	7	0.4 %
100.0	-	7	0.4 %
100.5	-	11	0.6 %
101.0	-	9	0.5 %
101.5	-	8	0.4 %
102.0	-	8	0.4 %
102.5	-	8	0.4 %
103.0	-	14	0.8 %
103.5	-	8	0.4 %
104.0	-	13	0.7 %
104.5	-	18	1.0 %
105.0	-	12	0.7 %
105.5	-	10	0.5 %
106.0	-	22	1.2 %
106.5	-	12	0.7 %
107.0	-	11	0.6 %
107.5	-	23	1.3 %
108.0	-	15	0.8 %
108.5	-	17	0.9 %
109.0	-	21	1.1 %
109.5	-	16	0.9 %
110.0	-	19	1.0 %
110.5	-	15	0.8 %
111.0	-	22	1.2 %
111.5	-	24	1.3 %
112.0	-	20	1.1 %
112.5	-	16	0.9 %
113.0	-	23	1.3 %
113.5	-	19	1.0 %

Value	Label	Unweighted Frequency	%
	<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: 536.12
- Median: 122.50
- Mode: 9997.00
- Minimum: 80.50
- Maximum: 9999.00
- Standard Deviation: 1978.37

*Location:* 48-53 (width: 6; decimal: 1)

*Variable Type:* numeric

## H5DBP: DIASTOLIC BLOOD PRESSURE (MMHg) -W5

Value	Label	Unweighted Frequency	%
45.0	-	1	0.1 %
54.0	-	1	0.1 %
54.5	-	2	0.1 %
55.0	-	2	0.1 %
56.0	-	1	0.1 %
57.0	-	1	0.1 %
57.5	-	3	0.2 %
58.0	-	3	0.2 %
58.5	-	2	0.1 %
59.0	-	3	0.2 %
59.5	-	2	0.1 %
60.0	-	3	0.2 %
60.5	-	7	0.4 %
61.0	-	9	0.5 %
61.5	-	12	0.7 %
62.0	-	11	0.6 %
62.5	-	11	0.6 %
63.0	-	20	1.1 %
63.5	-	14	0.8 %
64.0	-	15	0.8 %
64.5	-	13	0.7 %
65.0	-	18	1.0 %
65.5	-	17	0.9 %
66.0	-	17	0.9 %

Value	Label	Unweighted Frequency	%
66.5	-	13	0.7 %
67.0	-	13	0.7 %
67.5	-	24	1.3 %
68.0	-	23	1.3 %
68.5	-	18	1.0 %
69.0	-	27	1.5 %
69.5	-	25	1.4 %
70.0	-	22	1.2 %
70.5	-	24	1.3 %
71.0	-	28	1.5 %
71.5	-	27	1.5 %
72.0	-	24	1.3 %
72.5	-	19	1.0 %
73.0	-	24	1.3 %
73.5	-	20	1.1 %
74.0	-	34	1.8 %
74.5	-	33	1.8 %
75.0	-	33	1.8 %
75.5	-	26	1.4 %
76.0	-	39	2.1 %
76.5	-	35	1.9 %
77.0	-	38	2.1 %
77.5	-	31	1.7 %
78.0	-	41	2.2 %
78.5	-	35	1.9 %
79.0	-	36	2.0 %
	<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: 494.86
- Median: 79.50
- Mode: 9997.00
- Minimum: 45.00
- Maximum: 9999.00
- Standard Deviation: 1986.97

*Location:* 54-59 (width: 6; decimal: 1)

*Variable Type:* numeric

---

## H5BPCL55: CLASS OF BLOOD PRESSURE (AHA/ACC) -W5

Value	Label	Unweighted Frequency	%
1	-	665	36.2 %
2	-	218	11.9 %
3	-	533	29.0 %
4	-	343	18.7 %
5	-	3	0.2 %
	<b>Missing Data</b>		
.	-	77	4.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

Based upon 1,762 valid cases out of 1,839 total cases.

- Mean: 2.32
- Median: 2.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 5.00
- Standard Deviation: 1.17

*Location:* 60-60 (width: 1; decimal: 0)

*Variable Type:* numeric

---

#### H5BPCLS4: CLASS OF BLOOD PRESSURE (JNC7) -W5

Value	Label	Unweighted Frequency	%
1	-	665	36.2 %
2	-	751	40.8 %
3	-	269	14.6 %
4	-	77	4.2 %
	<b>Missing Data</b>		
.	-	77	4.2 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

Based upon 1,762 valid cases out of 1,839 total cases.

- Mean: 1.86
- Median: 2.00
- Mode: 2.00
- Minimum: 1.00
- Maximum: 4.00
- Standard Deviation: 0.83

*Location:* 61-61 (width: 1; decimal: 0)

*Variable Type:* numeric

---

#### H5PR: PULSE RATE (/MIN) -W5

Value	Label	Unweighted Frequency	%
42.0	-	1	0.1 %
44.0	-	1	0.1 %
45.0	-	1	0.1 %
46.5	-	1	0.1 %
47.0	-	2	0.1 %
48.0	-	2	0.1 %
48.5	-	1	0.1 %
49.0	-	1	0.1 %
49.5	-	3	0.2 %
50.0	-	4	0.2 %
50.5	-	3	0.2 %
51.5	-	2	0.1 %
52.0	-	5	0.3 %
52.5	-	1	0.1 %
53.0	-	12	0.7 %
53.5	-	2	0.1 %
54.0	-	7	0.4 %
54.5	-	4	0.2 %
55.0	-	6	0.3 %
55.5	-	3	0.2 %
56.0	-	6	0.3 %
56.5	-	8	0.4 %
57.0	-	9	0.5 %
57.5	-	5	0.3 %
58.0	-	12	0.7 %
58.5	-	12	0.7 %
59.0	-	10	0.5 %
59.5	-	17	0.9 %
60.0	-	19	1.0 %
60.5	-	19	1.0 %
61.0	-	21	1.1 %
61.5	-	13	0.7 %
62.0	-	24	1.3 %
62.5	-	19	1.0 %
63.0	-	20	1.1 %
63.5	-	28	1.5 %
64.0	-	20	1.1 %
64.5	-	12	0.7 %
65.0	-	22	1.2 %

Value	Label	Unweighted Frequency	%
65.5	-	35	1.9 %
66.0	-	27	1.5 %
66.5	-	27	1.5 %
67.0	-	30	1.6 %
67.5	-	25	1.4 %
68.0	-	32	1.7 %
68.5	-	22	1.2 %
69.0	-	28	1.5 %
69.5	-	34	1.8 %
70.0	-	37	2.0 %
70.5	-	25	1.4 %
	<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: 490.38
- Median: 74.50
- Mode: 9997.00
- Minimum: 42.00
- Maximum: 9999.00
- Standard Deviation: 1987.92

*Location:* 62-67 (width: 6; decimal: 1)

*Variable Type:* numeric

---

## H5PP: PULSE PRESSURE (MMHg) -W5

Value	Label	Unweighted Frequency	%
18.0	-	1	0.1 %
21.5	-	2	0.1 %
22.0	-	1	0.1 %
22.5	-	2	0.1 %
23.0	-	3	0.2 %
23.5	-	2	0.1 %
24.0	-	2	0.1 %
25.0	-	2	0.1 %
25.5	-	3	0.2 %
26.0	-	1	0.1 %
26.5	-	8	0.4 %
27.0	-	2	0.1 %
27.5	-	9	0.5 %

Value	Label	Unweighted Frequency	%
28.0	-	6	0.3 %
28.5	-	5	0.3 %
29.0	-	6	0.3 %
29.5	-	9	0.5 %
30.0	-	15	0.8 %
30.5	-	9	0.5 %
31.0	-	14	0.8 %
31.5	-	22	1.2 %
32.0	-	14	0.8 %
32.5	-	17	0.9 %
33.0	-	24	1.3 %
33.5	-	22	1.2 %
34.0	-	26	1.4 %
34.5	-	28	1.5 %
35.0	-	37	2.0 %
35.5	-	41	2.2 %
36.0	-	22	1.2 %
36.5	-	30	1.6 %
37.0	-	45	2.4 %
37.5	-	36	2.0 %
38.0	-	34	1.8 %
38.5	-	34	1.8 %
39.0	-	40	2.2 %
39.5	-	41	2.2 %
40.0	-	46	2.5 %
40.5	-	36	2.0 %
41.0	-	46	2.5 %
41.5	-	51	2.8 %
42.0	-	54	2.9 %
42.5	-	50	2.7 %
43.0	-	41	2.2 %
43.5	-	39	2.1 %
44.0	-	45	2.4 %
44.5	-	46	2.5 %
45.0	-	48	2.6 %
45.5	-	42	2.3 %
46.0	-	31	1.7 %
	<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: 459.84
- Median: 43.00
- Mode: 9997.00
- Minimum: 18.00
- Maximum: 9999.00
- Standard Deviation: 1994.28

*Location:* 68-73 (width: 6; decimal: 1)

*Variable Type:* numeric

## H5MAP: MEAN ARTERIAL PRESSURE (MMHg) -W5

Value	Label	Unweighted Frequency	%
65.3	-	1	0.1 %
65.5	-	1	0.1 %
66.0	-	1	0.1 %
67.0	-	1	0.1 %
68.3	-	1	0.1 %
69.0	-	1	0.1 %
69.3	-	1	0.1 %
69.8	-	1	0.1 %
70.3	-	1	0.1 %
71.2	-	1	0.1 %
71.3	-	2	0.1 %
71.5	-	1	0.1 %
71.7	-	1	0.1 %
71.8	-	2	0.1 %
72.0	-	1	0.1 %
72.5	-	1	0.1 %
72.7	-	1	0.1 %
72.8	-	1	0.1 %
73.0	-	6	0.3 %
73.3	-	1	0.1 %
73.5	-	1	0.1 %
73.7	-	2	0.1 %
73.8	-	9	0.5 %
74.0	-	3	0.2 %
74.2	-	2	0.1 %
74.3	-	3	0.2 %
74.5	-	5	0.3 %

Value	Label	Unweighted Frequency	%
74.7	-	3	0.2 %
74.8	-	2	0.1 %
75.0	-	1	0.1 %
75.2	-	1	0.1 %
75.3	-	2	0.1 %
75.5	-	3	0.2 %
75.7	-	6	0.3 %
76.2	-	4	0.2 %
76.3	-	1	0.1 %
76.5	-	4	0.2 %
76.7	-	3	0.2 %
76.8	-	8	0.4 %
77.0	-	6	0.3 %
77.2	-	4	0.2 %
77.3	-	6	0.3 %
77.5	-	1	0.1 %
77.7	-	4	0.2 %
77.8	-	7	0.4 %
78.0	-	4	0.2 %
78.2	-	8	0.4 %
78.3	-	9	0.5 %
78.5	-	2	0.1 %
78.7	-	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: 508.61
- Minimum: 65.30
- Maximum: 9999.00
- Standard Deviation: 1984.10

*Location:* 74-79 (width: 6; decimal: 1)

*Variable Type:* numeric

---

## H5Q045A: Q045a EVER DX HIGH BLOOD PRESSURE -W5

Value	Label	Unweighted Frequency	%
0	-	1495	81.3 %
1	-	343	18.7 %

Value	Label	Unweighted Frequency	%
95	-	1	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: 0.24
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 95.00
- Standard Deviation: 2.25

*Location:* 80-81 (width: 2; 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 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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:* 82-83 (width: 2; decimal: 0)

*Variable Type:* numeric

---

### H5Q045C: Q045c EVER DX HEART ATTACK/SURGERY -W5

Value	Label	Unweighted Frequency	%
0	-	1823	99.1 %
1	-	15	0.8 %
95	-	1	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: 0.06
- Median: 0.00
- Mode: 0.00

- Minimum: 0.00
- Maximum: 95.00
- Standard Deviation: 2.22

*Location:* 84-85 (width: 2; decimal: 0)

*Variable Type:* numeric

#### H5Q045D: Q045d EVER DX KIDNEY DISEASE/FAILURE -W5

Value	Label	Unweighted Frequency	%
0	-	1816	98.7 %
1	-	22	1.2 %
95	-	1	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: 0.06
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 95.00
- Standard Deviation: 2.22

*Location:* 86-87 (width: 2; decimal: 0)

*Variable Type:* numeric

#### H5Q045E: Q045e EVER DX STROKE/CLOGGD ARTERY -W5

Value	Label	Unweighted Frequency	%
0	-	1821	99.0 %
1	-	17	0.9 %
95	-	1	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: 0.06
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 95.00
- Standard Deviation: 2.22

*Location:* 88-89 (width: 2; decimal: 0)

*Variable Type:* numeric

#### H5Q045F: Q045f EVER DX HIGH CHOLESTROL/TRIG -W5

Value	Label	Unweighted Frequency	%
0	-	1568	85.3 %
1	-	270	14.7 %
95	-	1	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: 0.20
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 95.00
- Standard Deviation: 2.24

*Location:* 90-91 (width: 2; decimal: 0)

*Variable Type:* numeric

---

## H5AHT: FLAG: ANTIHYPERTENSIVE MEDICATION USE-W5

Value	Label	Unweighted Frequency	%
0	-	1580	85.9 %
1	-	224	12.2 %
94	-	5	0.3 %
99	-	30	1.6 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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

- Mean: 1.99
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 99.00
- Standard Deviation: 13.42

*Location:* 92-93 (width: 2; decimal: 0)

*Variable Type:* numeric

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## H5HTENJC: HYPERTENSION JOINT CLASSIFICATION -W5

Value	Label	Unweighted Frequency	%
0	-	1272	69.2 %
1	-	567	30.8 %
	<b>Total</b>	<b>1,839</b>	<b>100%</b>

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

- Mean: 0.31
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.46

*Location:* 94-94 (width: 1; decimal: 0)

*Variable Type:* numeric