

ICPSR 21600

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

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Wave V: Biomarkers, Anthropometrics Codebook/Questionnaire

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Wave V Anthropometrics Public-Use



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■ Wave V Anthropometrics

| Title | Wave V Anthropometrics |
|----------------|---|
| Description | These data are unweighted, however the Add Health restricted-use data provide weights for the bio data. If interested in the nationally representative biological data, users should apply for a restricted-use contract. |
| File Name | panthro5.xpt |
| Case Quantity | 1839 |
| Variable Count | 13 |

■ AID - RESPONDENT IDENTIFIER

| Туре | Text | |
|-------------|------------------------------|--|
| Constraints | Maximum Length: 8 | |
| AID | Respondent Identifier Number | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|----------|----------|
| 1839 | 0 | 57101310 | 99719976 |

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

| Туре | Code |
|------------------|---|
| Measurement Unit | Numeric |
| H5ARM | Use right arm unless instructed otherwise |
| | Q023. EXAMINER: Which arm is measured? |

| | | | Frequency | % of total | % of valid |
|---------|----|---------|-----------|------------|------------|
| Valid | 1 | right | 1657 | 90.1% | 90.2% |
| | 2 | left | 180 | 9.79% | 9.8% |
| | | Total | 1,837 | 99.89% | 100% |
| Missing | 96 | refused | 2 | 0.11% | |
| | | Total | 2 | 0.11% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1837 | 2 | 1 | 2 |

■ H5ARMCIR - MEASURED ARM CIRCUMFERENCE (CM) -W5

| Туре | Numeric (Double) |
|----------|---|
| H5ARMCIR | Q025a. EXAMINER: Enter arm circumference to nearest 0.5 cm or inch. |
| | [Note: All measurements in inches were converted to centimeters.] |

| | | | Frequency | % of total | % of valid |
|---------|------|--------------|-----------|------------|------------|
| Missing | 9996 | refused | 2 | 0.11% | |
| | 9999 | invalid data | 2 | 0.11% | |
| | | Total | 4 | 0.22% | |

| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
|-------|---------|---------|---------|-----------|-----------|
| 1835 | 4 | 9.5 | 66 | 30.892752 | 5.2125934 |

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

| Туре | Code |
|------------------|---|
| Measurement Unit | Numeric |
| H5ARMINS | FLAG indicating arm was measured in inches and was converted to |
| | centimeters. |

| | | | Frequency | % of total | % of valid |
|---------|---|-------------------------------------|-----------|------------|------------|
| Valid | 0 | no | 1806 | 98.21% | 98.42% |
| | 1 | yes | 29 | 1.58% | 1.58% |
| | | Total | 1,835 | 99.78% | 100% |
| Missing | | not applicable (no arm measurement) | 4 | 0.22% | |
| | | Total | 4 | 0.22% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1835 | 4 | 0 | 1 |

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

| Туре | Code |
|------------------|--|
| Measurement Unit | Numeric |
| H5HGTINS | FLAG indicating height was measured in inches and was converted to |
| | centimeters. |

| | | | Frequency | % of total | % of valid |
|---------|---|--|-----------|------------|------------|
| Valid | 0 | no | 1789 | 97.28% | 98.3% |
| | 1 | yes | 31 | 1.69% | 1.7% |
| | | Total | 1,820 | 98.97% | 100% |
| Missing | | not applicable (no height measurement) | 19 | 1.03% | |
| | | Total | 19 | 1.03% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1820 | 19 | 0 | 1 |

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

| Туре | Code |
|------------------|--|
| Measurement Unit | Numeric |
| H5WGTLBS | FLAG indicating weight was measured in pounds and was converted to |
| | kilograms. |

| | | | Frequency | % of total | % of valid |
|---------|---|--|-----------|------------|------------|
| Valid | 0 | no | 1764 | 95.92% | 96.71% |
| | 1 | yes | 60 | 3.26% | 3.29% |
| | | Total | 1,824 | 99.18% | 100% |
| Missing | | not applicable (no weight measurement) | 15 | 0.82% | |
| | | Total | 15 | 0.82% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1824 | 15 | 0 | 1 |

■ H5BMICLS - CLASSIFICATION OF BMI (NIH) -W5

| Туре | Code | | |
|------------------|---|--|--|
| Measurement Unit | Numeric | | |
| H5BMICLS | Body Mass Index classification according to National Institutes of Health | | |
| | Clinical Guidelines on the Identification, Evaluation, and Treatment of | | |
| | Overweight and Obesity in Adults | | |

| | | | Frequency | % of total | % of valid |
|---------|---|-------------------------------------|-----------|------------|------------|
| Valid | 1 | underweight: BMI is < 18.5 | 15 | 0.82% | 0.83% |
| | 2 | normal: BMI is 18.5 - 24.9 | 423 | 23% | 23.37% |
| | 3 | overweight: BMI is 25 - 29.9 | 520 | 28.28% | 28.73% |
| | 4 | obesity stage I: BMI is 30 - 34.9 | 383 | 20.83% | 21.16% |
| | 5 | obesity stage II: BMI is 35 - 39.9 | 246 | 13.38% | 13.59% |
| | 6 | obesity stage III: BMI is >= 40 | 223 | 12.13% | 12.32% |
| | | Total | 1,810 | 98.42% | 100% |
| Missing | | not applicable (no BMI measurement) | 29 | 1.58% | |
| | | Total | 29 | 1.58% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1810 | 29 | 1 | 6 |

■ H5WAIST - MEASURED WAIST CIRCUMFERENCE (CM) -W5

| Туре | Numeric (Double) |
|---------|---|
| H5WAIST | Q065a. EXAMINER: Enter waist circumference to the nearest 0.5 cm or inch. |
| | [Note: All measurements in inches were converted to centimeters.] |

| | | | Frequency | % of total | % of valid |
|--------------|------|-----------------------------------|-----------|------------|------------|
| Missing | 9994 | exam stopped prior to measurement | 5 | 0.27% | |
| 9996 refused | | refused | 1 | 0.05% | |
| | 9997 | legitimate skip | 5 | 0.27% | |
| | | Total | 11 | 0.6% | |

| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
|-------|---------|---------|---------|-----------|-----------|
| 1828 | 11 | 51.5 | 172 | 97.960667 | 18.592195 |

H5WSTINS - FLAG: WAIST CONVERTED INCHES TO CMs -W5

| Type | Code |
|------------------|---|
| Measurement Unit | Numeric |
| H5WSTINS | FLAG indicating waist was measured in inches and was converted to |
| | centimeters. |

| | | | Frequency | % of total | % of valid |
|---------|---|---------------------------------------|-----------|------------|------------|
| Valid | 0 | no | 1797 | 97.72% | 98.3% |
| | 1 | yes | 31 | 1.69% | 1.7% |
| | | Total | 1,828 | 99.4% | 100% |
| Missing | | not applicable (no waist measurement) | 11 | 0.6% | |
| | | Total | 11 | 0.6% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1828 | 11 | 0 | 1 |

■ H5WSTCLS - CLASSIFICATION OF WAIST CIRCUM (NIH) -W5

| Туре | Code | | |
|------------------|---|--|--|
| Measurement Unit | Numeric | | |
| H5WSTCLS | Waist circumference classification according to National Institutes of Health | | |
| | Clinical Guidelines on the Identification, Evaluation, and Treatment of | | |
| | Overweight and Obesity in Adults | | |

| | | | Frequency | % of total | % of valid |
|---------|---|--|-----------|------------|------------|
| Valid | 1 | low risk: females <= 88 cm; males <= 102 cm | 866 | 47.09% | 47.37% |
| | 2 | high risk: females > 88 cm; males > 102 cm | 962 | 52.31% | 52.63% |
| | | Total | 1,828 | 99.4% | 100% |
| Missing | . not applicable (no waist measurement) | | 11 | 0.6% | |
| | | Total | 11 | 0.6% | |

| Valid | Invalid | Minimum | Maximum |
|-------|---------|---------|---------|
| 1828 | 11 | 1 | 2 |

■ H5HGT - MEASURED HEIGHT (CM) -W5

| Туре | Numeric (Double) |
|-------|---|
| H5HGT | Q049a. EXAMINER: Record height to the nearest 0.5 cm or inch. |
| | [Note: All measurements in inches were converted to centimeters.] |

| | | | Frequency | % of total | % of valid |
|---------|------|-----------------------------------|-----------|------------|------------|
| Missing | 9994 | exam stopped prior to measurement | 5 | 0.27% | |
| | 9999 | invalid data | 14 | 0.76% | |
| | | Total | 19 | 1.03% | |

| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
|-------|---------|---------|---------|-----------|-----------|
| 1820 | 19 | 149 | 194 | 170.00901 | 9.5261854 |

■ H5WGT - MEASURED WEIGHT (KG) -W5

| Туре | Numeric (Double) |
|-------|---|
| H5WGT | Q061a. EXAMINER: Enter weight to the nearest 0.1 kg or lb. |
| | [Note: All measurements in pounds were converted to kilograms.] |

| | | | Frequency | % of total | % of valid |
|---------|------|-----------------------------------|-----------|------------|------------|
| Missing | 9994 | exam stopped prior to measurement | 5 | 0.27% | |
| | 9996 | refused | 1 | 0.05% | |
| | 9997 | legitimate skip | 2 | 0.11% | |
| | 9999 | invalid data | 7 | 0.38% | |
| | | Total | 15 | 0.82% | |

| \ | Lanca Dal | N 411 | N. 4 i | N 4 | Ct-ID |
|-------|-----------|---------|---------|------|--------|
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |

| ■ H5BMI - BMI (KG/M2) -W5 | | | | |
|----------------------------------|--|--|--|--|
| Туре | Numeric (Double) | | | |
| H5BMI | Body Mass Index (kg/m2) | | | |
| Notes | BMI was calculated with top/bottom code height and weight. | | | |

| | | | Frequency | % of total | % of valid |
|---|------|---|-----------|------------|------------|
| 9 | 9994 | exam stopped prior to measurements | 5 | 0.27% | |
| | 9996 | refused height and/or weight | 1 | 0.05% | |
| | 9997 | legitimate skip of height and/or weight | 2 | 0.11% | |
| | 9999 | invalid data for height and/or weight | 21 | 1.14% | |
| | | Total | 29 | 1.58% | |

| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
|-------|---------|---------|---------|-----------|-----------|
| 1810 | 29 | 16.5 | 63.5 | 30.817734 | 7.7412630 |