

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

ICPSR 21600

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Wave V: Biomarkers, Lipids Codebook/Questionnaire

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Add Health Wave V Codebook

2021



Wave V Lipids Public-Use

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|  |  |
| --- | --- |
| **Wave V Lipids** | |
| Title | Wave V Lipids |
| 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 | plipids5.xpt |
| Case Quantity | 1839 |
| Variable Count | 26 |

|  |  |
| --- | --- |
| **AID - RESPONDENT IDENTIFIER** | |
| Type | Text |
| Constraints | Maximum Length: 8 |
| AID | Respondent Identifier Number |

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

|  |  |
| --- | --- |
| **H5TC - TOTAL CHOLESTEROL (TC, MG/DL) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5TC | Total Cholesterol (TC) assay results (mg/dl). |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | missing | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 62 | 424 | 181.33475... | 36.955411... |

|  |  |
| --- | --- |
| **H5TCDEC - TOTAL CHOLESTEROL (TC) DECILE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5TCDEC | Total Cholesterol (TC) assay results ordered and assigned decile ranks. |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Frequency | % of total | % of valid |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | 1 | First decile | 180 | 9.79% | 10.94% |
| 2 | Second decile | 152 | 8.27% | 9.23% |
| 3 | Third decile | 162 | 8.81% | 9.84% |
| 4 | Fourth decile | 155 | 8.43% | 9.42% |
| 5 | Fifth decile | 166 | 9.03% | 10.09% |
| 6 | Sixth decile | 176 | 9.57% | 10.69% |
| 7 | Seventh decile | 151 | 8.21% | 9.17% |
| 8 | Eighth decile | 172 | 9.35% | 10.45% |
| 9 | Ninth decile | 168 | 9.14% | 10.21% |
| 10 | Tenth decile | 164 | 8.92% | 9.96% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no TC result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 10 |

|  |  |
| --- | --- |
| **H5HDL - HDL CHOLESTEROL (HDL-C, MG/DL) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5HDL | High-Density Lipoprotein Cholesterol (HDL-C)assay results (mg/dl). |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | missing | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 18 | 124 | 49.497569... | 15.036480... |

|  |  |
| --- | --- |
| **H5HDLDEC - HDL CHOLESTEROL (HDL-C) DECILE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5HDLDEC | High-Density Lipoprotein Cholesterol (HDL-C) assay results ordered and assigned decile ranks. |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Frequency | % of total | % of valid |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | 1 | First decile | 181 | 9.84% | 11% |
| 2 | Second decile | 162 | 8.81% | 9.84% |
| 3 | Third decile | 197 | 10.71% | 11.97% |
| 4 | Fourth decile | 141 | 7.67% | 8.57% |
| 5 | Fifth decile | 162 | 8.81% | 9.84% |
| 6 | Sixth decile | 174 | 9.46% | 10.57% |
| 7 | Seventh decile | 154 | 8.37% | 9.36% |
| 8 | Eighth decile | 175 | 9.52% | 10.63% |
| 9 | Ninth decile | 140 | 7.61% | 8.51% |
| 10 | Tenth decile | 160 | 8.7% | 9.72% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no HDL-C result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 10 |

|  |  |
| --- | --- |
| **H5TG - TRIGLYCERIDES (TG, MG/DL) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5TG | Triglyceride (TG) assay results (mg/dl). |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | missing | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 27 | 1604 | 127.44471... | 92.089253... |

|  |  |
| --- | --- |
| **H5TGDEC - TRIGLYCERIDES (TG) DECILE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5TGDEC | Triglyceride (TG) assay results ordered and assigned decile ranks |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Frequency | % of total | % of valid |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | 1 | First decile | 169 | 9.19% | 10.27% |
| 2 | Second decile | 162 | 8.81% | 9.84% |
| 3 | Third decile | 180 | 9.79% | 10.94% |
| 4 | Fourth decile | 171 | 9.3% | 10.39% |
| 5 | Fifth decile | 155 | 8.43% | 9.42% |
| 6 | Sixth decile | 168 | 9.14% | 10.21% |
| 7 | Seventh decile | 161 | 8.75% | 9.78% |
| 8 | Eighth decile | 156 | 8.48% | 9.48% |
| 9 | Ninth decile | 169 | 9.19% | 10.27% |
| 10 | Tenth decile | 155 | 8.43% | 9.42% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no TG result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 10 |

|  |  |
| --- | --- |
| **H5LDL - LDL CHOLESTEROL (LDL-C, MG/DL) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5LDL | Low-Density Lipoprotein Cholesterol (LDL-C) indirect/direct results (mg/dl). |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | missing | 197 | 10.71% |  |
|  |  | Total | 197 | 10.71% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1642 | 197 | 13 | 332 | 106.74116... | 32.998873... |

|  |  |
| --- | --- |
| **H5LDLDEC - LDL CHOLESTEROL (LDL-C) DECILE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5LDLDEC | Low-Density Lipoprotein Cholesterol (LDL-C) indirect/direct results ordered and assigned decile ranks. |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Frequency | % of total | % of valid |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | 1 | First decile | 161 | 8.75% | 9.81% |
| 2 | Second decile | 161 | 8.75% | 9.81% |
| 3 | Third decile | 174 | 9.46% | 10.6% |
| 4 | Fourth decile | 167 | 9.08% | 10.17% |
| 5 | Fifth decile | 137 | 7.45% | 8.34% |
| 6 | Sixth decile | 180 | 9.79% | 10.96% |
| 7 | Seventh decile | 151 | 8.21% | 9.2% |
| 8 | Eighth decile | 164 | 8.92% | 9.99% |
| 9 | Ninth decile | 179 | 9.73% | 10.9% |
| 10 | Tenth decile | 168 | 9.14% | 10.23% |
|  |  | Total | 1,642 | 89.29% | 100% |
| Missing | . | not applicable (no LDL-C result) | 197 | 10.71% |  |
|  |  | Total | 197 | 10.71% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1642 | 197 | 1 | 10 |

|  |  |
| --- | --- |
| **H5LDLMM - LDL-C METHOD OF MEASUREMENT -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5LDLMM | LDL-C method of measurement. When TG < 400 mg/dl, LDL-C was indirectly calculated from the respondent-specific concentrations (mg/dl) of total cholesterol, high-density lipoprotein cholesterol, and triglycerides using the Friedewald equation (LDL-C = TC - HDL-C - [TG/5]). When TG >= 400 mg/dl, LDL-C was directly measured. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | indirect calculation | 1618 | 87.98% | 98.54% |
| 2 | directly measured | 24 | 1.31% | 1.46% |
|  |  | Total | 1,642 | 89.29% | 100% |
| Missing | . | not applicable (no LDL-C result) | 197 | 10.71% |  |
|  |  | Total | 197 | 10.71% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1642 | 197 | 1 | 2 |

|  |  |
| --- | --- |
| **H5NHDL - NON-HDL CHOLESTRL (non-HDL-C, MG/DL) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |

|  |  |
| --- | --- |
| H5NHDL | Non-High-Density Lipoprotein Cholesterol (non-HDL-C) calculated from Total Cholesterol and High-Density Lipoprotein Cholesterol. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | missing | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 20 | 372 | 131.83718... | 37.757089... |

|  |  |
| --- | --- |
| **H5NHDEC - NON-HDL CHOLESTRL (non-HDL-C) DECILE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5NHDEC | Non-High-Density Lipoprotein Cholesterol (non-HDL-C) ordered and assigned ranks. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | First decile | 158 | 8.59% | 9.6% |
| 2 | Second decile | 163 | 8.86% | 9.9% |
| 3 | Third decile | 171 | 9.3% | 10.39% |
| 4 | Fourth decile | 155 | 8.43% | 9.42% |
| 5 | Fifth decile | 187 | 10.17% | 11.36% |
| 6 | Sixth decile | 162 | 8.81% | 9.84% |
| 7 | Seventh decile | 142 | 7.72% | 8.63% |
| 8 | Eighth decile | 181 | 9.84% | 11% |
| 9 | Ninth decile | 170 | 9.24% | 10.33% |
| 10 | Tenth decile | 157 | 8.54% | 9.54% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no non-HDL-C result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 10 |

|  |  |
| --- | --- |
| **H5TC\_HDL - TC TO HDL-C RATIO (TC:HDL-C) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5TC\_HDL | Total Cholesterol to High-Density Lipoprotein Cholesterol ratio (TC:HDL-C). |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Frequency | % of total | % of valid |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Missing | . | not applicable (no TC and/or HDL-C result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 1.4545454... | 12.1 | 3.9620324... | 1.3572119... |

|  |  |
| --- | --- |
| **H5TCHDEC - TC TO HDL-C RATIO (TC:HDL-C) DECILE-W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5TCHDEC | Total Cholesterol to High-Density Lipoprotein Cholesterol ratio (TC:HDL-C) ordered and assigned ranks. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | First decile | 146 | 7.94% | 8.87% |
| 2 | Second decile | 163 | 8.86% | 9.9% |
| 3 | Third decile | 181 | 9.84% | 11% |
| 4 | Fourth decile | 161 | 8.75% | 9.78% |
| 5 | Fifth decile | 160 | 8.7% | 9.72% |
| 6 | Sixth decile | 173 | 9.41% | 10.51% |
| 7 | Seventh decile | 162 | 8.81% | 9.84% |
| 8 | Eighth decile | 175 | 9.52% | 10.63% |
| 9 | Ninth decile | 164 | 8.92% | 9.96% |
| 10 | Tenth decile | 161 | 8.75% | 9.78% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no TC and/or HDL-C result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 10 |

|  |  |
| --- | --- |
| **H5FASTTM - HOURS SINCE LAST ATE -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5FASTTM | Number of hours since the last time the respondent ate |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | not applicable (no blood draw) | 115 | 6.25% |  |
| -999 | implausible value < 0 hours | 3 | 0.16% |  |
| 999 | implausible value >= 24 hours | 12 | 0.65% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Total | 130 | 7.07% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1709 | 130 | 0 | 23.8 | 9.3934289... | 5.4579962... |

|  |  |
| --- | --- |
| **H5FASTLP - FLAG: FASTED FOR 9+ HOURS -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5FASTLP | FLAG indicating respondent fasted for nine or more hours |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | no | 649 | 35.29% | 37.98% |
| 1 | yes | 1060 | 57.64% | 62.02% |
|  |  | Total | 1,709 | 92.93% | 100% |
| Missing | . | not applicable (no fasting hours) | 130 | 7.07% |  |
|  |  | Total | 130 | 7.07% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1709 | 130 | 0 | 1 |

|  |  |
| --- | --- |
| **H5CTC - CLASSIFICATION OF TC (NCEP/ATP III) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CTC | The classification of fasting Total Cholesterol according to NCEP/ATP III guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | Desirable: TC is < 200 mg/dl | 740 | 40.24% | 44.96% |
| 2 | Borderline high: TC is 200-239 mg/dl | 214 | 11.64% | 13% |
| 3 | High: TC is >= 240 mg/dl | 61 | 3.32% | 3.71% |
| 4 | Non-fasting | 617 | 33.55% | 37.48% |
| 5 | Fasting status unknown | 14 | 0.76% | 0.85% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no TC result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 5 |

|  |  |
| --- | --- |
| **H5CHDL - CLASSIFCATION OF HDL-C (NCEP/ATP III)-W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CHDL | The classification of fasting High-Density Lipoprotein Cholesterol according to NCEP/ATP III guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | Low: HDL-C is < 40 mg/dl | 278 | 15.12% | 16.89% |
| 2 | Optimal: HDL-C is 40-59 mg/dl | 524 | 28.49% | 31.83% |
| 3 | High: HDL-C is >= 60 mg/dl | 213 | 11.58% | 12.94% |
| 4 | Non-fasting | 617 | 33.55% | 37.48% |
| 5 | Fasting status unknown | 14 | 0.76% | 0.85% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no HDL-C result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 5 |

|  |  |
| --- | --- |
| **H5C1TG - CLASSIFICATION OF TG (NCEP/ATP III) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5C1TG | The classification of fasting Triglycerides according to NCEP/ATP III guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | Normal: TG is < 150 mg/dl | 775 | 42.14% | 47.08% |
| 2 | Borderline high: TG is 150-199 mg/dl | 125 | 6.8% | 7.59% |
| 3 | High: TG is 200-499 mg/dl | 110 | 5.98% | 6.68% |
| 4 | Very high: TG is >= 500 mg/dl | 5 | 0.27% | 0.3% |
| 5 | Non-fasting | 617 | 33.55% | 37.48% |
| 6 | Fasting status unknown | 14 | 0.76% | 0.85% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no TG result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 6 |

|  |  |
| --- | --- |
| **H5C1LDL - CLASSIFCATION OF LDL-C (NCEP/ATP III)-W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5C1LDL | The classification of fasting Low-Density Lipoprotein Cholesterol according to NCEP/ATP III guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | Optimal: LDL-C is < 100 mg/dl | 422 | 22.95% | 25.7% |
| 2 | Near optimal: LDL-C is 100-129 mg/dl | 352 | 19.14% | 21.44% |
| 3 | Borderline high: LDL-C is 130- 159 mg/dl | 181 | 9.84% | 11.02% |
| 4 | High: LDL-C is 160-189 mg/dl | 43 | 2.34% | 2.62% |
| 5 | Very high: LDL-C is >= 190 mg/dl | 16 | 0.87% | 0.97% |
| 6 | Non-fasting | 615 | 33.44% | 37.45% |
| 7 | Fasting status unknown | 13 | 0.71% | 0.79% |
|  |  | Total | 1,642 | 89.29% | 100% |
| Missing | . | not applicable (no LDL-C result) | 197 | 10.71% |  |
|  |  | Total | 197 | 10.71% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1642 | 197 | 1 | 7 |

|  |  |
| --- | --- |
| **H5C2TG - CLASSIFICATION OF TG (AHA/ACC) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5C2TG | The classification of Triglycerides according to AHA/ACC guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | Normal: TG is < 175 mg/dl | 1317 | 71.62% | 80.01% |
| 2 | Moderate hypertriglyceridemia: TG is 175-499 mg/dl | 317 | 17.24% | 19.26% |
| 3 | Severe hypertriglyceridemia: TG is >= 500 mg/dl | 5 | 0.27% | 0.3% |
| 4 | Non-fasting: TG is >= 500 mg/dl | 6 | 0.33% | 0.36% |
| 5 | Fasting status unknown: TG is >= 500 mg/dl | 1 | 0.05% | 0.06% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no TG result) | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 5 |

|  |  |
| --- | --- |
| **H5C2LDL - CLASSIFICATION OF LDL-C (AHA/ACC) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5C2LDL | The classification of Low-Density Lipoprotein Cholesterol according to AHA/ACC guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | Normal: LDL-C is < 160 mg/dl | 1552 | 84.39% | 94.52% |
| 2 | Moderate hypercholesterolemia: LDL-C is 160-189 mg/dl | 68 | 3.7% | 4.14% |
| 3 | Severe hypercholesterolemia:  LDL-C is >= 190 mg/dl | 22 | 1.2% | 1.34% |
|  |  | Total | 1,642 | 89.29% | 100% |
| Missing | . | not applicable (no LDL-C result) | 197 | 10.71% |  |
|  |  | Total | 197 | 10.71% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1642 | 197 | 1 | 3 |

|  |  |
| --- | --- |
| **H5Q045F - Q045f EVER DX HIGH CHOLESTROL/TRIG -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5Q045F | Has a doctor, nurse or health care provider ever told you that you have high cholesterol or triglycerides? |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | no | 1568 | 85.26% | 85.31% |
| 1 | yes | 270 | 14.68% | 14.69% |
|  |  | Total | 1,838 | 99.95% | 100% |
| Missing | 95 | not asked of everyone | 1 | 0.05% |  |
|  |  | Total | 1 | 0.05% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1838 | 1 | 0 | 1 |

|  |  |
| --- | --- |
| **H5C\_MED2 - FLAG: ANTIHYPERLIPIDEMIC MED USE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5C\_MED2 | FLAG indicating respondent took an antihyperlipidemic medication in the past 4 weeks |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | no | 1730 | 94.07% | 95.95% |
| 1 | yes | 73 | 3.97% | 4.05% |
|  |  | Total | 1,803 | 98.04% | 100% |
| Missing | 94 | exam stopped prior to the medication questions | 5 | 0.27% |  |
| 96 | refused | 1 | 0.05% |  |
| 99 | respondent reported taking prescription medication(s), but specific medication(s) not reported | 30 | 1.63% |  |
|  |  | Total | 36 | 1.96% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1803 | 36 | 0 | 1 |

|  |  |
| --- | --- |
| **H5HLIPJC - HYPERLIPIDEMIA JOINT CLASSIFICATION -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5HLIPJC | FLAG indicating respondent has EITHER a self-reported history of high cholesterol or triglycerides (H5Q045F = 1) OR taken an antihyperlipidemic medication in the past 4 weeks (H5C\_MED2 = 1) OR has a fasting TG concentration >= 500 mg/dl (H5C2TG = 3) OR an LDL-C concentration >= 190 mg/dl (H5C2LDL = 3). |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | no evidence of hyperlipidemia | 1540 | 83.74% | 83.74% |
| 1 | evidence of hyperlipidemia | 299 | 16.26% | 16.26% |
|  |  | Total | 1,839 | 100% | 100% |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1839 | 0 | 0 | 1 |



**H5HLPJC4 - HYPERLIPIDEMIA JOINT CLASS (WAVE IV) -W5**

|  |  |
| --- | --- |
| Type | Code |
| Measurement Unit | Numeric |
| H5HLPJC4 | FLAG indicating respondent has EITHER a self-reported history of high cholesterol or triglycerides (H5Q045F = 1) OR has taken an antihyperlipidemic medication in the past 4 weeks (H5C\_MED2 = 1). This joint classification variable parallels the Wave IV joint classification variable. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | no evidence of hyperlipidemia | 1558 | 84.72% | 84.72% |
| 1 | evidence of hyperlipidemia | 281 | 15.28% | 15.28% |
|  |  | Total | 1,839 | 100% | 100% |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1839 | 0 | 0 | 1 |