

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

ICPSR 21600

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Wave IV: Biomarkers, Measures of Glucose Homeostasis Codebook/Questionnaire

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Wave IV: Biomarkers, Measures of Glucose Homeostasis

Original P.I. Documentation

Number of observations: 5,114

**Wave IV Measures of Glucose Homeostasis**

|  |  |  |  |
| --- | --- | --- | --- |
| **AID** |  | Char | RESPONDENT IDENTIFIER  NOTE: Smallest 5 and largest 5 values are displayed. |
| Frequency | Percent | Value | Label |
| 5114 | 100% |  | 10000000 - 99999999 |

|  |  |  |  |
| --- | --- | --- | --- |
| **GLUCOSE** |  | Num | GLUCOSE (MG/DL)  NOTE: Smallest 5 and largest 5 values are displayed. |
| Frequency | Percent | Value | Label |
| 1 | 0.02% | 40 |  |
| 2 | 0.04% | 47 |  |
| 1 | 0.02% | 48 |  |
| 2 | 0.04% | 50 |  |
| 1 | 0.02% | 51 |  |
| 4526 | 88.50% | 52-452 | NOTE: Range of values omitted from display |
| 1 | 0.02% | 453 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 0.02% | 469 |  |
| 1 | 0.02% | 505 |  |
| 187 | 3.66% | 999 | No result for glucose |
| 391 | 7.65% | . | No blood sample available for testing |

|  |  |  |  |
| --- | --- | --- | --- |
| **HBA1C** |  | Num | HEMOGLOBIN A1c (%)  NOTE: Smallest 5 and largest 5 values are displayed. |
| Frequency | Percent | Value | Label |
| 1 | 0.02% | 3.8 |  |
| 1 | 0.02% | 4.1 |  |
| 1 | 0.02% | 4.3 |  |
| 3 | 0.06% | 4.4 |  |
| 3 | 0.06% | 4.5 |  |
| 4661 | 91.14% | 4.6-  15.5 | NOTE: Range of values omitted from display |
| 2 | 0.04% | 15.6 |  |
| 1 | 0.02% | 16.6 |  |
| 1 | 0.02% | 16.9 |  |
| 29 | 0.57% | 99 | No result for HbA1c |
| 411 | 8.04% | . | No blood sample available for testing |

|  |  |  |  |
| --- | --- | --- | --- |
| **CONVERT** |  | Num | HbA1c INTER-CONVERSION FLAG |
| Frequency | Percent | Value | Label |
| 4633 | 90.59% | 0 | No conversion |
| 33 | 0.65% | 1 | Converted FlexSite 2 to FlexSite 1 |
| 8 | 0.16% | 2 | Converted BIOSAFE to FlexSite 2 to FlexSite 1 |
| 29 | 0.57% | 9 | No result for HbA1c |
| 411 | 8.04% | . | No blood sample available for testing |

|  |  |  |  |
| --- | --- | --- | --- |
| **FASTTIME** |  | Num | HOURS SINCE LAST ATE  NOTE: Smallest 5 and largest 5 values are displayed. |
| Frequency | Percent | Value | Label |
| 1 | 0.02% | 0.0 |  |
| 1 | 0.02% | 0.1 |  |
| 3 | 0.06% | 0.2 |  |
| 5 | 0.10% | 0.3 |  |
| 6 | 0.12% | 0.4 |  |
| 5044 | 98.63% | .5-23.4 | NOTE: Range of values omitted from display |
| 3 | 0.06% | 23.5 |  |
| 1 | 0.02% | 23.6 |  |
| 2 | 0.04% | 23.7 |  |
| 1 | 0.02% | 23.9 |  |
| 47 | 0.92% | . | Fasting time could not be calculated |

|  |  |  |  |
| --- | --- | --- | --- |
| **C\_FGLU** |  | Num | CLASSIFICATION OF FASTING GLUCOSE |
| Frequency | Percent | Value | Label |
| 334 | 6.53% | 1 | Glucose less than or equal to 99 mg/dl |
| 353 | 6.90% | 2 | Glucose 100-125 mg/dl - Impaired Fasting Glucose (IFG)/Pre-Diabetes |
| 67 | 1.31% | 3 | Glucose greater than or equal to 126 mg/dl - Diabetes |
| 3740 | 73.13% | 4 | Non-Fasting |
| 42 | 0.82% | 5 | Fasting status unknown |
| 187 | 3.66% | 9 | No result for glucose |
| 391 | 7.65% | . | No blood sample available for testing |

|  |  |  |  |
| --- | --- | --- | --- |
| **C\_NFGLU** |  | Num | CLASSIFCATION OF NON-FASTING GLUCOSE |
| Frequency | Percent | Value | Label |
| 3701 | 72.37% | 1 | Glucose less than or equal to 199 mg/dl |

|  |  |  |  |
| --- | --- | --- | --- |
| 39 | 0.76% | 2 | Glucose greater than or equal to 200 mg/dl - Diabetes |
| 754 | 14.74% | 3 | Fasting |
| 42 | 0.82% | 4 | Fasting status unknown |
| 187 | 3.66% | 9 | No result for glucose |
| 391 | 7.65% | . | No blood sample available for testing |

|  |  |  |  |
| --- | --- | --- | --- |
| **C\_HBA1C** |  | Num | CLASSIFICATION OF HbA1c |
| Frequency | Percent | Value | Label |
| 3134 | 61.28% | 1 | HbA1c(%) less than or equal to 5.6 |
| 1339 | 26.18% | 2 | HbA1c(%) 5.7-6.4 - Pre-Diabetes |
| 201 | 3.93% | 3 | HbA1c(%) greater than or equal to 6.5 - Diabetes |
| 29 | 0.57% | 9 | No result for HbA1c |
| 411 | 8.04% | . | No blood sample available for testing |

|  |  |  |  |
| --- | --- | --- | --- |
| **C\_MED** |  | Num | ANTI-DIABETIC MEDICATION USE |
| Frequency | Percent | Value | Label |
| 5035 | 98.49% | 0 | Did not report taking anti-diabetic medication |
| 79 | 1.51% | 1 | Reported taking anti-diabetic medication |

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| --- | --- | --- | --- |
| **C\_JOINT** |  | Num | JOINT CLASSIFICATION OF GLUCOSE, HbA1c, SELF-REPORTED HISTORY OF DIABETES, AND ANTI-DIABETIC MEDICATION USE |
| Frequency | Percent | Value | Label |
| 4753 | 92.94% | 0 | No Diabetes |
| 361 | 7.06% | 1 | Has Diabetes |