

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

ICPSR 21600

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Wave V: Biomarkers, Renal Function Codebook/Questionnaire

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Add Health Wave V Codebook

2021



Wave V Renal Function Public-Use

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Add Health is supported by grant P01-HD31921 from the Eunice Kennedy Shriver National Institute of Child Health and Human Development, with cooperative funding from 23 other federal agencies and foundations.

Add Health is directed by Robert A. Hummer and funded by the National Institute on Aging cooperative agreements U01 AG071448 (Hummer) and U01AG071450 (Aiello and Hummer) at the University of North Carolina at Chapel Hill. Waves I-V data are from the Add Health Program Project, grant P01 HD31921 (Harris) from Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), with cooperative funding from 23 other federal agencies and foundations. Add Health was designed by J. Richard Udry, Peter S. Bearman, and Kathleen Mullan Harris at the University of North Carolina at Chapel Hill ([http://www.cpc.unc.edu/addhealth).](http://www.cpc.unc.edu/addhealth))

|  |  |
| --- | --- |
| **Wave V Renal Function** | |
| Title | Wave V Renal Function |
| 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 | prenal5.xpt |
| Case Quantity | 1839 |
| Variable Count | 14 |

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

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

|  |  |
| --- | --- |
| **H5CREAT - CREATININE (CREAT, MG/DL) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5CREAT | Creatinine 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 | 0.39 | 4.34 | 0.8283778... | 0.2143623... |

|  |  |
| --- | --- |
| **H5CYSC - CYSTATIN C (CYSC, MG/L) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5CYSC | Cystatin C assay results (mg/L) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | missing | 190 | 10.33% |  |
|  |  | Total | 190 | 10.33% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1649 | 190 | 0.341052 | 3.09 | 0.7750433... | 0.1692939... |

|  |  |
| --- | --- |
| **H5CYSCAJ - FLAG: CYSTATIN C ADJUSTMENT APPLIED -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CYSCAJ | FLAG indicating that an adjustment was made to the Cystatin C assay result |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | not adjusted | 998 | 54.27% | 60.52% |
| 1 | adjusted | 651 | 35.4% | 39.48% |
|  |  | Total | 1,649 | 89.67% | 100% |
| Missing | . | not applicable (no CYSC result) | 190 | 10.33% |  |
|  |  | Total | 190 | 10.33% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1649 | 190 | 0 | 1 |

|  |  |
| --- | --- |
| **H5GFRCRE - eGFR CREATININE (ML/MIN/1.73 M2) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5GFRCRE | Estimated Glomerular Filtration Rate (ml/min/1.73 m2) based on Creatinine |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | not applicable (no CREAT result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 13.824548... | 142.15613... | 103.33588... | 15.309764... |

|  |  |
| --- | --- |
| **H5GFRCYC - eGFR CYSTATIN C (ML/MIN/1.73 M2) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5GFRCYC | Estimated Glomerular Filtration Rate (ml/min/1.73 m2) based on Cystatin C |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | not applicable (no CYSC result) | 190 | 10.33% |  |
|  |  | Total | 190 | 10.33% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1649 | 190 | 17.305557... | 162.69725... | 108.22842... | 15.913172... |

|  |  |
| --- | --- |
| **H5GFRCC - eGFR CREAT & CYSC (ML/MIN/1.73 M2) -W5** | |
| Type | Numeric (Double) |
| Measurement Unit | Numeric |
| H5GFRCC | Estimated Glomerular Filtration Rate (ml/min/1.73 m2) based on Creatinine and Cystatin C |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Missing | . | not applicable (no CREAT and/or CYSC result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum | Mean | StdDev |
| 1646 | 193 | 14.690955... | 173.29933... | 107.57645... | 15.152830... |

|  |  |
| --- | --- |
| **H5CGFRKR - CLASSIFICATION OF eGFR CREAT (KDIGO) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CGFRKR | The classification of estimated Glomerular Filtration Rate (eGFR) based on Creatinine according to the KDIGO guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | normal or high (G1): eGFR is >= 90 ml/min/1.73m2 | 1324 | 72% | 80.44% |
| 2 | mildly decreased (G2): eGFR is 60-89 ml/min/1.73m2 | 311 | 16.91% | 18.89% |
| 3 | mildly to moderately decreased (G3a): eGFR is 45-59  ml/min/1.73m2 | 7 | 0.38% | 0.43% |
| 4 | moderately to severely decreased (G3b): eGFR is 30-44 ml/min/1.73m2 | 1 | 0.05% | 0.06% |
| 5 | severely decreased (G4): eGFR is  15-29 ml/min/1.73m2 | 2 | 0.11% | 0.12% |
| 6 | kidney failure (G5): eGFR is < 15 ml/min/1.73m2 | 1 | 0.05% | 0.06% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no CREAT result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

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

|  |  |
| --- | --- |
| **H5CGFRKY - CLASSIFICATION OF eGFR CYSC (KDIGO) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CGFRKY | The classification of estimated Glomerular Filtration Rate (eGFR) based on Cystatin C according to the KDIGO guidelines. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | normal or high (G1): eGFR is >= 90 ml/min/1.73m2 | 1431 | 77.81% | 86.78% |
| 2 | mildly decreased (G2): eGFR is 60-89 ml/min/1.73m2 | 203 | 11.04% | 12.31% |
| 3 | mildly to moderately decreased (G3a): eGFR is 45-59  ml/min/1.73m2 | 10 | 0.54% | 0.61% |
| 4 | moderately to severely decreased (G3b): eGFR is 30-44 ml/min/1.73m2 | 2 | 0.11% | 0.12% |
| 5 | severely decreased (G4): eGFR is  15-29 ml/min/1.73m2 | 3 | 0.16% | 0.18% |
| 6 | kidney failure (G5): eGFR is < 15 ml/min/1.73m2 | 0 | 0% | 0% |
|  |  | Total | 1,649 | 89.67% | 100% |
| Missing | . | not applicable (no CYSC result) | 190 | 10.33% |  |
|  |  | Total | 190 | 10.33% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1649 | 190 | 1 | 5 |

|  |  |
| --- | --- |
| **H5CGFRKC - CLASS OF eGFR CREAT & CYSC (KDIGO) -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CGFRKC | The classification of estimated Glomerular Filtration Rate (eGFR) based on Creatinine & Cystatin C according to the KDIGO guidelines. |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Valid | 1 | normal or high (G1): eGFR is >= 90 ml/min/1.73m2 | 1459 | 79.34% | 88.64% |
| 2 | mildly decreased (G2): eGFR is 60-89 ml/min/1.73m2 | 178 | 9.68% | 10.81% |
| 3 | mildly to moderately decreased (G3a): eGFR is 45-59  ml/min/1.73m2 | 5 | 0.27% | 0.3% |
| 4 | moderately to severely decreased (G3b): eGFR is 30-44 ml/min/1.73m2 | 1 | 0.05% | 0.06% |
| 5 | severely decreased (G4): eGFR is  15-29 ml/min/1.73m2 | 2 | 0.11% | 0.12% |
| 6 | kidney failure (G5): eGFR is < 15 ml/min/1.73m2 | 1 | 0.05% | 0.06% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no CREAT and/or CYSC result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

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

|  |  |
| --- | --- |
| **H5CGFRCR - CLINICAL CLASS OF eGFR CREATININE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CGFRCR | The clinical classification of estimated Glomerular Filtration Rate (eGFR) based on Creatinine. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | normal: eGFR is >= 60 ml/min/1.73m2 | 1635 | 88.91% | 99.33% |
| 2 | chronic kidney disease (CKD): eGFR is 15-59 ml/min/1.73m2 | 10 | 0.54% | 0.61% |
| 3 | end-stage kidney disease (ESKD): eGFR is < 15 ml/min/1.73m2 | 1 | 0.05% | 0.06% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no CREAT result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 3 |

|  |  |
| --- | --- |
| **H5CGFRCY - CLINICAL CLASS OF eGFR CYSTATIN C -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CGFRCY | The clinical classification of estimated Glomerular Filtration Rate (eGFR) based on Cystatin C. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | normal: eGFR is >= 60 ml/min/1.73m2 | 1634 | 88.85% | 99.09% |
| 2 | chronic kidney disease (CKD): eGFR is 15-59 ml/min/1.73m2 | 15 | 0.82% | 0.91% |
| 3 | end-stage kidney disease (ESKD): eGFR is < 15 ml/min/1.73m2 | 0 | 0% | 0% |
|  |  | Total | 1,649 | 89.67% | 100% |
| Missing | . | not applicable (no CYSC result) | 190 | 10.33% |  |
|  |  | Total | 190 | 10.33% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1649 | 190 | 1 | 2 |

|  |  |
| --- | --- |
| **H5CGFRCC - CLINICAL CLASS OF eGFR CREAT & CYSC -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5CGFRCC | The clinical classification of estimated Glomerular Filtration Rate (eGFR) based on Creatinine and Cystatin C. |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 1 | normal: eGFR is >= 60 ml/min/1.73m2 | 1637 | 89.02% | 99.45% |
| 2 | chronic kidney disease (CKD): eGFR is 15-59 ml/min/1.73m2 | 8 | 0.44% | 0.49% |
| 3 | end-stage kidney disease (ESKD): eGFR is < 15 ml/min/1.73m2 | 1 | 0.05% | 0.06% |
|  |  | Total | 1,646 | 89.51% | 100% |
| Missing | . | not applicable (no CREAT and/or CYSC result) | 193 | 10.49% |  |
|  |  | Total | 193 | 10.49% |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Valid | Invalid | Minimum | Maximum |
| 1646 | 193 | 1 | 3 |

|  |  |
| --- | --- |
| **H5Q045D - Q045d EVER DX KIDNEY DISEASE/FAILURE -W5** | |
| Type | Code |
| Measurement Unit | Numeric |
| H5Q045D | Has a doctor, nurse or health care provider ever told you that you have chronic kidney disease or failure? |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | Frequency | % of total | % of valid |
| Valid | 0 | no | 1816 | 98.75% | 98.8% |
| 1 | yes | 22 | 1.2% | 1.2% |
|  |  | 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 |