

ICPSR 21600

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

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Wave V: Biomarkers, Renal Function 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]

DS41: Wave V: Biomarkers, Renal Function

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, Renal Function

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 %
	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 1,839 valid cases out of 1,839 total cases.

Location: 1-8 (width: 8; decimal: 0)

Variable Type: character

H5CREAT: CREATININE (CREAT, MG/DL) -W5

Value	Label	Unweighted Frequency	%
0.39	-	1	0.1 %
0.41	-	2	0.1 %
0.43	-	2	0.1 %
0.46	-	3	0.2 %
0.47	-	1	0.1 %
0.48	-	4	0.2 %
0.49	-	2	0.1 %
0.50	-	2	0.1 %
0.51	-	4	0.2 %
0.52	-	8	0.4 %
0.53	-	7	0.4 %
0.54	-	8	0.4 %
0.55	-	9	0.5 %
0.56	-	5	0.3 %

Value	Label	Unweighted Frequency	%
0.57	-	18	1.0 %
0.58	-	8	0.4 %
0.59	-	20	1.1 %
0.60	-	20	1.1 %
0.61	-	22	1.2 %
0.62	-	23	1.3 %
0.63	-	29	1.6 %
0.64	-	25	1.4 %
0.65	-	25	1.4 %
0.66	-	29	1.6 %
0.67	-	33	1.8 %
0.68	-	30	1.6 %
0.69	-	40	2.2 %
0.70	-	36	2.0 %
0.71	-	50	2.7 %
0.72	-	46	2.5 %
0.73	-	44	2.4 %
0.74	-	54	2.9 %
0.75	-	40	2.2 %
0.76	-	45	2.4 %
0.77	-	29	1.6 %
0.78	-	47	2.6 %
0.79	-	43	2.3 %
0.80	-	41	2.2 %
0.81	-	34	1.8 %
0.82	-	36	2.0 %
0.83	-	36	2.0 %
0.84	-	36	2.0 %
0.85	-	31	1.7 %
0.86	-	35	1.9 %
0.87	-	31	1.7 %
0.88	-	32	1.7 %
0.89	-	25	1.4 %
0.90	-	39	2.1 %
0.91	-	22	1.2 %
0.92	-	23	1.3 %
	Missing Data		
.	-	193	10.5 %
	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 1,646 valid cases out of 1,839 total cases.

- Mean: 0.83
- Median: 0.80
- Mode: 0.74
- Minimum: 0.39
- Maximum: 4.34
- Standard Deviation: 0.21

Location: 9-12 (width: 4; decimal: 2)

Variable Type: numeric

H5CYSC: CYSTATIN C (CYSC, MG/L) -W5

Value	Label	Unweighted Frequency	%
0.341052	-	1	0.1 %
0.400000	-	1	0.1 %
0.424000	-	1	0.1 %
0.436500	-	1	0.1 %
0.441156	-	1	0.1 %
0.459780	-	1	0.1 %
0.463000	-	2	0.1 %
0.464436	-	1	0.1 %
0.470256	-	1	0.1 %
0.478000	-	1	0.1 %
0.479568	-	1	0.1 %
0.484224	-	2	0.1 %
0.485000	-	1	0.1 %
0.486000	-	1	0.1 %
0.488880	-	2	0.1 %
0.506340	-	2	0.1 %
0.508668	-	2	0.1 %
0.512160	-	1	0.1 %
0.513000	-	1	0.1 %
0.514000	-	1	0.1 %
0.514488	-	1	0.1 %
0.515652	-	1	0.1 %
0.516816	-	2	0.1 %
0.518000	-	1	0.1 %
0.521000	-	1	0.1 %
0.521472	-	2	0.1 %
0.523800	-	1	0.1 %

Value	Label	Unweighted Frequency	%
0.524964	-	1	0.1 %
0.526000	-	1	0.1 %
0.527000	-	1	0.1 %
0.528456	-	1	0.1 %
0.529620	-	1	0.1 %
0.531000	-	1	0.1 %
0.531948	-	2	0.1 %
0.535000	-	1	0.1 %
0.536000	-	1	0.1 %
0.538000	-	1	0.1 %
0.538932	-	1	0.1 %
0.540000	-	2	0.1 %
0.541000	-	1	0.1 %
0.541260	-	1	0.1 %
0.542000	-	1	0.1 %
0.543000	-	3	0.2 %
0.543588	-	1	0.1 %
0.544752	-	1	0.1 %
0.545916	-	1	0.1 %
0.550000	-	1	0.1 %
0.550572	-	3	0.2 %
0.551736	-	2	0.1 %
0.552000	-	2	0.1 %
	Missing Data		
.	-	190	10.3 %
	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 1,649 valid cases out of 1,839 total cases.

- Mean: 0.7750433426319
- Minimum: 0.3410520000000
- Maximum: 3.0900000000000
- Standard Deviation: 0.1692939323508

Location: 13-27 (width: 15; decimal: 13)

Variable Type: numeric

H5CYSCAJ: FLAG: CYSTATIN C ADJUSTMENT APPLIED -W5

Value	Label	Unweighted Frequency	%
0	-	998	54.3 %
1	-	651	35.4 %
	Missing Data		
.	-	190	10.3 %
	Total	1,839	100%

Based upon 1,649 valid cases out of 1,839 total cases.

- Mean: 0.39
- Median: 0.00
- Mode: 0.00
- Minimum: 0.00
- Maximum: 1.00
- Standard Deviation: 0.49

Location: 28-28 (width: 1; decimal: 0)

Variable Type: numeric

H5GFRCRE: eGFR CREATININE (ML/MIN/1.73 M2) -W5

Value	Label	Unweighted Frequency	%
13.82454808639	-	1	0.1 %
18.39017836927	-	1	0.1 %
25.92999512615	-	1	0.1 %
41.90118212539	-	1	0.1 %
49.18415374641	-	1	0.1 %
50.66691310099	-	1	0.1 %
54.09024698987	-	1	0.1 %
55.34177548384	-	1	0.1 %
57.54547373683	-	1	0.1 %
59.03879324885	-	1	0.1 %
59.82497252414	-	1	0.1 %
60.42813768002	-	1	0.1 %
62.57372557125	-	1	0.1 %
64.34488218867	-	1	0.1 %
64.60644570033	-	1	0.1 %
64.96575783123	-	1	0.1 %
64.96805734652	-	1	0.1 %
65.41406145427	-	1	0.1 %
66.60435936940	-	1	0.1 %
66.68458926458	-	1	0.1 %
66.99918043763	-	1	0.1 %
67.56546310608	-	1	0.1 %

Value	Label	Unweighted Frequency	%
68.11390216330	-	1	0.1 %
68.61292022080	-	1	0.1 %
68.75283669686	-	1	0.1 %
68.84550168093	-	1	0.1 %
69.11926954234	-	1	0.1 %
69.29609890355	-	1	0.1 %
69.41608212587	-	1	0.1 %
69.52058982392	-	1	0.1 %
69.78454465113	-	1	0.1 %
69.88782288133	-	1	0.1 %
70.22650824833	-	1	0.1 %
70.24118271535	-	1	0.1 %
70.35498152315	-	1	0.1 %
70.61086371634	-	1	0.1 %
71.16508880247	-	1	0.1 %
71.41489717210	-	1	0.1 %
71.61514276823	-	1	0.1 %
71.65017967993	-	1	0.1 %
71.70263153343	-	1	0.1 %
71.81782066859	-	1	0.1 %
71.88712862988	-	1	0.1 %
72.13011566070	-	1	0.1 %
72.14154740973	-	1	0.1 %
72.41675864975	-	1	0.1 %
72.61378855883	-	1	0.1 %
72.66658703727	-	1	0.1 %
72.73681927704	-	1	0.1 %
72.82118489702	-	1	0.1 %
	Missing Data		
.	-	193	10.5 %
	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 1,646 valid cases out of 1,839 total cases.

- Mean: 103.33588016582
- Minimum: 13.82454808639
- Maximum: 142.15613684980
- Standard Deviation: 15.30976451177

Location: 29-43 (width: 15; decimal: 11)

Variable Type: numeric

H5GFRCYC: eGFR CYSTATIN C (ML/MIN/1.73 M2) -W5

Value	Label	Unweighted Frequency	%
17.30555797015	-	1	0.1 %
21.34426227808	-	1	0.1 %
27.90609271841	-	1	0.1 %
34.21395100165	-	1	0.1 %
43.15996648645	-	1	0.1 %
49.06695796708	-	1	0.1 %
49.95993805816	-	1	0.1 %
50.26909157971	-	1	0.1 %
52.48459417435	-	1	0.1 %
53.90515757413	-	1	0.1 %
53.99560189480	-	1	0.1 %
57.53010455496	-	1	0.1 %
57.91339231514	-	1	0.1 %
58.61795056783	-	1	0.1 %
58.68734295370	-	1	0.1 %
60.43284411864	-	1	0.1 %
60.84187146586	-	1	0.1 %
61.39056723765	-	1	0.1 %
61.66388521644	-	1	0.1 %
62.76712002719	-	1	0.1 %
63.00053305006	-	1	0.1 %
63.46174998402	-	1	0.1 %
64.92077082592	-	1	0.1 %
65.07234764737	-	1	0.1 %
65.76021193970	-	1	0.1 %
66.41160398639	-	1	0.1 %
66.58133781840	-	1	0.1 %
67.39995139438	-	1	0.1 %
67.43235364247	-	1	0.1 %
67.84985709338	-	1	0.1 %
68.27265284205	-	1	0.1 %
68.51662577160	-	1	0.1 %
68.83429422171	-	1	0.1 %
69.07079246204	-	1	0.1 %
69.33428914478	-	1	0.1 %

Value	Label	Unweighted Frequency	%
69.67095516298	-	1	0.1 %
69.85755849619	-	1	0.1 %
70.09293209667	-	1	0.1 %
70.44627113356	-	1	0.1 %
70.48298621886	-	1	0.1 %
70.64609848441	-	1	0.1 %
70.91548437371	-	1	0.1 %
71.62389161860	-	1	0.1 %
71.75339825972	-	1	0.1 %
71.78974141764	-	1	0.1 %
71.93610557844	-	1	0.1 %
72.01537293646	-	1	0.1 %
72.27238187605	-	1	0.1 %
72.74503688417	-	1	0.1 %
72.85080128970	-	1	0.1 %
	Missing Data		
.	-	190	10.3 %
	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 1,649 valid cases out of 1,839 total cases.

- Mean: 108.22842881255
- Minimum: 17.30555797015
- Maximum: 162.69725851008
- Standard Deviation: 15.91317242176

Location: 44-58 (width: 15; decimal: 11)

Variable Type: numeric

H5GFRCC: eGFR CREAT & CYSC (ML/MIN/1.73 M2) -W5

Value	Label	Unweighted Frequency	%
14.69095557339	-	1	0.1 %
18.95216412929	-	1	0.1 %
25.83033822264	-	1	0.1 %
36.73031145891	-	1	0.1 %
47.31901848709	-	1	0.1 %
55.39992853770	-	1	0.1 %
57.76759729902	-	1	0.1 %
58.61187710119	-	1	0.1 %

Value	Label	Unweighted Frequency	%
59.97113991021	-	1	0.1 %
60.94878406049	-	1	0.1 %
60.98838946827	-	1	0.1 %
61.65182791804	-	1	0.1 %
63.04960461375	-	1	0.1 %
64.73902938922	-	1	0.1 %
65.52376722483	-	1	0.1 %
68.06632698424	-	1	0.1 %
68.60704232347	-	1	0.1 %
69.38848931201	-	1	0.1 %
70.42807917420	-	1	0.1 %
70.84361169414	-	1	0.1 %
71.44699308504	-	1	0.1 %
71.91310470106	-	1	0.1 %
71.92163816511	-	1	0.1 %
72.57965077501	-	1	0.1 %
72.59346873773	-	1	0.1 %
73.02635442855	-	1	0.1 %
73.07493386286	-	1	0.1 %
73.32855999284	-	1	0.1 %
73.41251751853	-	1	0.1 %
73.67744861946	-	1	0.1 %
74.15761900802	-	1	0.1 %
74.30068644328	-	1	0.1 %
74.52295155937	-	1	0.1 %
74.71318230140	-	1	0.1 %
74.80090145459	-	1	0.1 %
74.86282510597	-	1	0.1 %
75.34757432804	-	1	0.1 %
75.49140663152	-	1	0.1 %
75.72882795450	-	1	0.1 %
75.98162982236	-	1	0.1 %
76.06678781811	-	1	0.1 %
76.32557543878	-	1	0.1 %
76.37261594411	-	1	0.1 %
76.66108961469	-	1	0.1 %
76.68748669437	-	1	0.1 %
76.77681612154	-	1	0.1 %
77.09160279707	-	1	0.1 %

Value	Label	Unweighted Frequency	%
77.24558361185	-	1	0.1 %
77.81179806590	-	1	0.1 %
77.85191157475	-	1	0.1 %
	Missing Data		
.	-	193	10.5 %
	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 1,646 valid cases out of 1,839 total cases.

- Mean: 107.57645110699
- Minimum: 14.69095557339
- Maximum: 173.29933202242
- Standard Deviation: 15.15283036375

Location: 59-73 (width: 15; decimal: 11)

Variable Type: numeric

H5CGFRKR: CLASSIFICATION OF eGFR CREAT (KDIGO) -W5

Value	Label	Unweighted Frequency	%
1	-	1324	72.0 %
2	-	311	16.9 %
3	-	7	0.4 %
4	-	1	0.1 %
5	-	2	0.1 %
6	-	1	0.1 %
	Missing Data		
.	-	193	10.5 %
	Total	1,839	100%

Based upon 1,646 valid cases out of 1,839 total cases.

- Mean: 1.21
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 6.00
- Standard Deviation: 0.45

Location: 74-74 (width: 1; decimal: 0)

Variable Type: numeric

H5CGFRKY: CLASSIFICATION OF eGFR CYSC (KDIGO) -W5

Value	Label	Unweighted Frequency	%
1	-	1431	77.8 %
2	-	203	11.0 %
3	-	10	0.5 %
4	-	2	0.1 %
5	-	3	0.2 %
	Missing Data		
.	-	190	10.3 %
	Total	1,839	100%

Based upon 1,649 valid cases out of 1,839 total cases.

- Mean: 1.15
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 5.00
- Standard Deviation: 0.41

Location: 75-75 (width: 1; decimal: 0)

Variable Type: numeric

H5CGFRKC: CLASS OF eGFR CREAT & CYSC (KDIGO) -W5

Value	Label	Unweighted Frequency	%
1	-	1459	79.3 %
2	-	178	9.7 %
3	-	5	0.3 %
4	-	1	0.1 %
5	-	2	0.1 %
6	-	1	0.1 %
	Missing Data		
.	-	193	10.5 %
	Total	1,839	100%

Based upon 1,646 valid cases out of 1,839 total cases.

- Mean: 1.12
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 6.00
- Standard Deviation: 0.38

Location: 76-76 (width: 1; decimal: 0)

Variable Type: numeric

H5CGFRCR: CLINICAL CLASS OF eGFR CREATININE -W5

Value	Label	Unweighted Frequency	%
1	-	1635	88.9 %
2	-	10	0.5 %
3	-	1	0.1 %
	Missing Data		
.	-	193	10.5 %
	Total	1,839	100%

Based upon 1,646 valid cases out of 1,839 total cases.

- Mean: 1.01
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.09

Location: 77-77 (width: 1; decimal: 0)

Variable Type: numeric

H5CGFRCY: CLINICAL CLASS OF eGFR CYSTATIN C -W5

Value	Label	Unweighted Frequency	%
1	-	1634	88.9 %
2	-	15	0.8 %
	Missing Data		
.	-	190	10.3 %
	Total	1,839	100%

Based upon 1,649 valid cases out of 1,839 total cases.

- Mean: 1.01
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 2.00
- Standard Deviation: 0.09

Location: 78-78 (width: 1; decimal: 0)

Variable Type: numeric

H5CGFRCC: CLINICAL CLASS OF eGFR CREAT & CYSC -W5

Value	Label	Unweighted Frequency	%
1	-	1637	89.0 %
2	-	8	0.4 %

Value	Label	Unweighted Frequency	%
3	-	1	0.1 %
	Missing Data		
.	-	193	10.5 %
	Total	1,839	100%

Based upon 1,646 valid cases out of 1,839 total cases.

- Mean: 1.01
- Median: 1.00
- Mode: 1.00
- Minimum: 1.00
- Maximum: 3.00
- Standard Deviation: 0.09

Location: 79-79 (width: 1; 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 %
	Total	1,839	100%

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: 80-81 (width: 2; decimal: 0)

Variable Type: numeric