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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
Codebook/Questionnaire

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2021

Add Health Wave V Codebook

Wave V Renal Function Public-Use

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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