DSDR | DATA SHARING FOR DEMOGRAPHIC RESEARCH

ICPSR 21600

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

Kathleen Mullan Harris
University of North Carolina at Chapel Hill

J. Richard Udry
University of North Carolina at Chapel Hill

Wave V: Biomarkers, Measures of Inflammation and Immune Function Codebook/Questionnaire

Terms of Use

Information about Copyrighted Content

Add Health

The National Longitudinal Study of Adolescent to Adult Health

Wave V Inflammation & Immune Function Public-Use

UNC | CAROLINA POPULATION CENTER

CAROLINA POPULATION CENTER | CAROLINA SQUARE - SUITE 210 | 123 WEST FRANKLIN STREET | CHAPEL HILL, NC 27516

Wave V Inflammation & Immune Function

Title	Wave V Inflammation & Immune 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	pcrp5.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

H5CRP - HS C-REACTIVE PROTEIN (hsCRP, MG/L) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5CRP	High Sensitivity C-Reactive Protein (hsCRP) assay results (mg/L).

			Frequency	% of total	% of valid
Missing	.	missing	258	14.03%	
		Total	258	14.03%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
1581	258	0.157	73.9	3.8161872...	5.5441843...

H5CCRP - CLASSIFICATION OF hsCRP (AHA/CDC) -W5

Type	Code
Measurement Unit	Numeric
H5CCRP	The classification of hsCRP concentrations among respondents without regard to fasting status, in accordance with the American Heart Association/Centers for Disease Control (AHA/CDC) clinical and public health practice recommendations regarding markers of inflammation and cardiovascular disease.

			Frequency	% of total	% of valid
Valid	1	Low: CRP is < 1 mg/L	511	27.79%	32.32%
	2	Average: CRP is 1-3 mg/L	521	28.33%	32.95%
	3	High: CRP is > 3 mg/L	549	29.85%	34.72%
		Total	1,581	85.97%	100%
Missing	.	not applicable (no hsCRP result)	258	14.03%	
		Total	258	14.03%	

Valid	Invalid	Minimum	Maximum
1581	258	1	3

H5INFECT - Q013 COUNT INFECT/INFLAMM DIS (4 WKS)-W5

Type	Code
Measurement Unit	Numeric
H5INFECT	The count and categorization of the infectious and inflammatory diseases from the past FOUR weeks reported in Q013a -Q013f.

			Frequency	% of total	% of valid
Valid	0	0	1230	66.88%	67.03%
	1	1	509	27.68%	27.74%
	2	2	73	3.97%	3.98%
	3	3 or more	23	1.25%	1.25%
		Total	1,835	99.78%	100%
Missing	98	don't know	4	0.22%	
		Total	4	0.22%	

Valid	Invalid	Minimum	Maximum
1835	4	0	3

H5Q013A - Q013a GUM DISEASE/TOOTH LOSS (4 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q013A	Q013. In the last FOUR weeks, have you had any of the following? a. Gum disease (gingivitis; periodontal disease) or tooth loss because of cavities

			Frequency	% of total	% of valid
Valid	0	no	1780	96.79%	97.32%
	1	yes	49	2.66%	2.68%
		Total	1,829	99.46%	100%

| Missing | 98 | don't know | 10 | 0.54% | |
| | | Total | 10 | 0.54% | |

Valid	Invalid	Minimum	Maximum
1829	10	0	1

H5Q013B - Q013b ACTIVE INFECTION (4 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q013B	Q013. In the last FOUR weeks, have you had any of the following? b. Active infection

			Frequency	% of total	% of valid
Valid	0	no	1760	95.7%	96.17%
	1	yes	70	3.81%	3.83%
		Total	1,830	99.51%	100%
Missing	98	don't know	9	0.49%	
		Total	9	0.49%	

Valid	Invalid	Minimum	Maximum
1830	9	0	1

H5Q013C - Q013c INJURY (4 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q013C	Q013. In the last FOUR weeks, have you had any of the following? c. Injury

			Frequency	% of total	% of valid
Valid	0	no	1783	96.95%	97.27%
	1	yes	50	2.72%	2.73%
		Total	1,833	99.67%	100%
Missing	98	don't know	6	0.33%	
		Total	6	0.33%	

Valid	Invalid	Minimum	Maximum
1833	6	0	1

H5Q013D - Q013d ACUTE ILLNESS (4 WKS) -W5

Type	Code

Measurement Unit	Numeric
H5Q013D	Q013. In the last FOUR weeks, have you had any of the following? d. Acute illness

			Frequency	% of total	% of valid
Valid	0	no	1780	96.79%	97.16%
	1	yes	52	2.83%	2.84%
		Total	1,832	99.62%	100%
Missing	98	don't know	7	0.38%	
		Total	7	0.38%	

Valid	Invalid	Minimum	Maximum
1832	7	0	1

H5Q013E - Q013e SURGERY (4 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q013E	Q013. In the last FOUR weeks, have you had any of the following? e. Surgery

			Frequency	% of total	% of valid
Valid	0	no	1795	97.61%	97.93%
	1	yes	38	2.07%	2.07%
		Total	1,833	99.67%	100%
Missing	98	don't know	6	0.33%	
		Total	6	0.33%	

Valid	Invalid	Minimum	Maximum
1833	6	0	1

H5Q013F - Q013f ACTIVE SEASONAL ALLERGY (4 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q013F	Q013. In the last FOUR weeks, have you had any of the following? f. Active seasonal allergies (e.g., hay fever)

			Frequency	% of total	% of valid
Valid	0	no	1347	73.25%	73.81%
	1	yes	478	25.99%	26.19%
		Total	1,825	99.24%	100%

| Missing | 98 | don't know | 14 | 0.76% | |
| | | Total | 14 | 0.76% | |

Valid	Invalid	Minimum	Maximum
1825	14	0	1

⊞ H5SUBCLN - Q014 COUNT SUBCLINICAL SYMP (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5SUBCLN	The count and categorization of the common subclinical symptoms reported from the past TWO weeks in Q014a - Q014g.

			Frequency	% of total	% of valid
Valid	0	0	1323	71.94%	72.06%
	1	1	347	18.87%	18.9%
	2	2	114	6.2%	6.21%
	3	3 or more	52	2.83%	2.83%
		Total	1,836	99.84%	100%
Missing	98	don't know	3	0.16%	
		Total	3	0.16%	

Valid	Invalid	Minimum	Maximum
1836	3	0	3

⊞ H5Q014A - Q014a COLD/FLU-LIKE SYMPTOMS (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q014A	Q014. In the last TWO weeks, have you had any of the following? a. Cold or Flu-like symptoms such as sore throat, runny nose, or cough

			Frequency	% of total	% of valid
Valid	0	no	1533	83.36%	83.59%
	1	yes	301	16.37%	16.41%
		Total	1,834	99.73%	100%
Missing	98	don't know	5	0.27%	
		Total	5	0.27%	

Valid	Invalid	Minimum	Maximum
1834	5	0	1

⊞ H5Q014B - Q014b FEVER (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q014B	Q014. In the last TWO weeks, have you had any of the following? b. Fever

			Frequency	% of total	% of valid
Valid	0	no	1786	97.12%	97.44%
	1	yes	47	2.56%	2.56%
		Total	1,833	99.67%	100%
Missing	98	don't know	6	0.33%	
		Total	6	0.33%	

Valid	Invalid	Minimum	Maximum
1833	6	0	1

⊞ H5Q014C - Q014c NIGHT SWEATS (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q014C	Q014. In the last TWO weeks, have you had any of the following? c. Night sweats

			Frequency	% of total	% of valid
Valid	0	no	1733	94.24%	94.6%
	1	yes	99	5.38%	5.4%
		Total	1,832	99.62%	100%
Missing	98	don't know	7	0.38%	
		Total	7	0.38%	

Valid	Invalid	Minimum	Maximum
1832	7	0	1

⊞ H5Q014D - Q014d NAUSEA/VOMIT/DIARRHEA (2 WKS)-W5

Type	Code
Measurement Unit	Numeric
H5Q014D	Q014. In the last TWO weeks, have you had any of the following? d. Nausea or vomiting or diarrhea

			Frequency	% of total	% of valid

Valid	0	no	1701	92.5%	92.7%
	1	yes	134	7.29%	7.3%
		Total	1,835	99.78%	100%
Missing	98	don't know	4	0.22%	
		Total	4	0.22%	

Valid	Invalid	Minimum	Maximum
1835	4	0	1

H5Q014E - Q014e BLOOD STOOL/FECES/URINE (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q014E	Q014. In the last TWO weeks, have you had any of the following? e. Blood in stool or feces or in urine

			Frequency	% of total	% of valid
Valid	0	no	1819	98.91%	99.24%
	1	yes	14	0.76%	0.76%
		Total	1,833	99.67%	100%
Missing	98	don't know	6	0.33%	
		Total	6	0.33%	

Valid	Invalid	Minimum	Maximum
1833	6	0	1

H5Q014F - Q014f FREQUENT URINATION (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q014F	Q014. In the last TWO weeks, have you had any of the following? f. Frequent urination

			Frequency	% of total	% of valid
Valid	0	no	1732	94.18%	94.54%
	1	yes	100	5.44%	5.46%
		Total	1,832	99.62%	100%
Missing	98	don't know	7	0.38%	
		Total	7	0.38%	

Valid	Invalid	Minimum	Maximum
1832	7	0	1

H5Q014G - Q014g SKIN RASH/ABSCESS (2 WKS) -W5

Type	Code
Measurement Unit	Numeric
H5Q014G	Q014. In the last TWO weeks, have you had any of the following? g. Skin rash or abscess

			Frequency	% of total	% of valid
Valid	0	no	1758	95.6%	95.86%
	1	yes	76	4.13%	4.14%
		Total	1,834	99.73%	100%
Missing	98	don't know	5	0.27%	
		Total	5	0.27%	

Valid	Invalid	Minimum	Maximum
1834	5	0	1

H5CRP1 - FLAG: NSAID/SALICY (24 HR) MED USE -W5

Type	Code
Measurement Unit	Numeric
H5CRP1	FLAG indicating the respondent took an NSAID or Salicylate medication in the past 24 hours.

			Frequency	% of total	% of valid
Valid	0	no	1330	72.32%	73.6%
	1	yes	477	25.94%	26.4%
		Total	1,807	98.26%	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	26	1.41%	
		Total	32	1.74%	

Valid	Invalid	Minimum	Maximum
1807	32	0	1

H5CRP2 - FLAG: NSAID/SALICY (4 WKS) MED USE -W5

			Frequency	% of total	% of valid
Type		Code			
Measurement Unit		Numeric			
H5CRP2		FLAG indicating the respondent took an NSAID or Salicylate medication in the past 4 weeks.			

			Frequency	% of total	% of valid
Valid	0	no	1709	92.93%	94.79%
	1	yes	94	5.11%	5.21%
		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

H5CRP3 - FLAG: COX-2 INHIBITORS MED USE -W5

Type		Code			
Measurement Unit		Numeric			
H5CRP3		FLAG indicating the respondent took COX-2 inhibtors in the past 4 weeks			

			Frequency	% of total	% of valid
Valid	0	no	1797	97.72%	99.67%
	1	yes	6	0.33%	0.33%
		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

H5CRP4 - FLAG: INHALED CORTICOSTER MED USE -W5

Type	Code
Measurement Unit	Numeric
H5CRP4	FLAG indicating the respondent took inhaled corticosteroids in the past 4 weeks

			Frequency	% of total	% of valid
Valid	0	no	1795	97.61%	99.56%
	1	yes	8	0.44%	0.44%
		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

H5CRP5 - FLAG: CORTICOTROP/GLUCOCOR MED USE -W5

Type	Code
Measurement Unit	Numeric
H5CRP5	FLAG indicating the respondent took corticotropins or glucocorticoids in the past 4 weeks.

			Frequency	% of total	% of valid
Valid	0	no	1782	96.9%	98.84%
	1	yes	21	1.14%	1.16%
		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%	

			Frequency	% of total	% of valid
		Total	36	1.96%	

Valid	Invalid	Minimum	Maximum
1803	36	0	1

H5CRP6 - FLAG: ANTI-RHEUMTC/ANTI-PSOR MED USE -W5

Type	Code
Measurement Unit	Numeric
H5CRP6	FLAG indicating the respondent took anti-rheumatics or anti-psoriatics in the past 4 weeks.

			Frequency	% of total	% of valid
Valid	0	no	1792	97.44%	99.39%
	1	yes	11	0.6%	0.61%
		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

H5CRP7 - FLAG: IMMUNOSUPPRESSIVE MED USE -W5

Type	Code
Measurement Unit	Numeric
H5CRP7	FLAG indicating the respondent took immunosuppressive agents or immunosuppressive monoclonal antibodies in the past 4 weeks.

			Frequency	% of total	% of valid
Valid	0	no	1787	97.17%	99.11%
	1	yes	16	0.87%	0.89%
		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

H5CRP8 - FLAG: ANY ANTI-INFLAMMATORY MED USE -W5

Type	Code
Measurement Unit	Numeric
H5CRP8	FLAG indicating the respondent took any anti-inflammatory medication in the past 4 weeks.

			Frequency	% of total	% of valid
Valid	0	no	1243	67.59%	68.79%
	1	yes	564	30.67%	31.21%
		Total	1,807	98.26%	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	26	1.41%	
		Total	32	1.74%	

Valid	Invalid	Minimum	Maximum
1807	32	0	1