

ICPSR 21600

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

Kathleen Mullan Harris  
*University of North Carolina-Chapel Hill*

J. Richard Udry  
*University of North Carolina-Chapel Hill*

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

Inter-university Consortium for  
Political and Social Research  
P.O. Box 1248  
Ann Arbor, Michigan 48106  
[www.icpsr.umich.edu](http://www.icpsr.umich.edu)

## Terms of Use

The terms of use for this study can be found at:  
<http://www.icpsr.umich.edu/icpsrweb/ICPSR/studies//terms>

## Information about Copyrighted Content

Some instruments administered as part of this study may contain in whole or substantially in part contents from copyrighted instruments. Reproductions of the instruments are provided as documentation for the analysis of the data associated with this collection. Restrictions on "fair use" apply to all copyrighted content. More information about the reproduction of copyrighted works by educators and librarians is available from the United States Copyright Office.

### NOTICE

#### WARNING CONCERNING COPYRIGHT RESTRICTIONS

The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted material. Under certain conditions specified in the law, libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than private study, scholarship, or research." If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use," that user may be liable for copyright infringement.

ICPSR 21600

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

Wave IV: Biomarkers, Measures of Inflammation and  
Immune Function

Original P.I. Documentation

### Wave IV Measures of Inflammation and Immune Function

Number of observations: 5,114

<b>AID</b>		Char	RESPONDENT IDENTIFIER NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.02%	57101310	
1	0.02%	57103869	
1	0.02%	57109625	
1	0.02%	57111071	
1	0.02%	57113943	
5104	99.80%	Values omitted	
1	0.02%	99719930	
1	0.02%	99719939	
1	0.02%	99719970	
1	0.02%	99719976	
1	0.02%	99719978	

<b>CRP</b>		Num	HIGH SENSITIVITY C-REACTIVE PROTEIN (hsCRP) (MG/L) NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4	0.08%	0.082	
2	0.04%	0.084	
3	0.06%	0.086	
3	0.06%	0.089	
1	0.02%	0.091	
4530	88.58%	.093-95.202	NOTE: Range of values omitted from display
1	0.02%	147.216	

1	0.02%	205.006	
26	0.51%	998	hsCRP below the limit of detection
152	2.97%	999	No result for hsCRP
391	7.65%	.	No sample available for hsCRP testing

<b>CRP_FLAG</b>		Num	HIGH SENSITIVITY C-REACTIVE PROTEIN (hsCRP) FLAG
Frequency	Percent	Value	Label
6	0.12%	1	Difference between duplicate specimens greater than expected
1	0.02%	2	Out of range high and extrapolated
5107	99.86%	.	Sample not flagged or no sample

<b>EBV</b>		Num	EPSTEIN BARR VIRAL CAPSID ANTIGEN IgG (EBV) (AU/ML) NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0.04%	25	
2	0.04%	26	
9	0.18%	27	
24	0.47%	28	
28	0.55%	29	
4495	87.90%	30-786	NOTE: Range of values omitted from display
1	0.02%	877	
1	0.02%	982	
2	0.04%	9998	EBV below the limit of detection
159	3.11%	9999	No result for EBV
391	7.65%	.	No sample available for EBV testing

<b>EBV_FLAG</b>	Num		EPSTEIN BARR VIRAL CAPSID ANTIGEN IgG (EBV) FLAG
Frequency	Percent	Value	Label
5114	100%	.	Sample not flagged or no sample

<b>C_CRP</b>		Num	CLASSIFICATION OF HIGH SENSITIVITY C-REACTIVE PROTEIN (hsCRP)
Frequency	Percent	Value	Label
1373	26.85%	1	hsCRP < 1 mg/L - Low
1301	25.44%	2	hsCRP 1 - 3 mg/L - Average
1871	36.59%	3	hsCRP > 3 mg/L - High
26	0.51%	8	hsCRP below the limit of detection
152	2.97%	9	No result for hsCRP
391	7.65%	.	No sample available for hsCRP testing

<b>C_SUBCLN</b>		Num	COUNT OF COMMON SUBCLINICAL SYMPTOMS
Frequency	Percent	Value	Label
3380	66.09%	0	0
1310	25.62%	1	1
274	5.36%	2	2
150	2.93%	3	3 or more

<b>C_INFECT</b>		Num	COUNT OF COMMON INFECTIOUS OR INFLAMMATORY DISEASES
Frequency	Percent	Value	Label
3250	63.55%	0	0
1437	28.10%	1	1
367	7.18%	2	2
60	1.17%	3	3 or more

<b>CRP_MED1</b>		Num	NSAID/SALICYLATE MEDICATION USE IN THE PAST 24 HOURS
Frequency	Percent	Value	Label
3678	71.92%	0	Did not report taking NSAID/Salicylate medications in the past 24 hours

1436	28.08%	1	Reported taking NSAID/Salicylate medications in the past 24 hours
------	--------	---	---

<b>CRP_MED2</b>		Num	NSAID/SALICYLATE MEDICATION USE IN THE PAST 4 WEEKS
Frequency	Percent	Value	Label
4964	97.07%	0	Did not report taking NSAID/Salicylate medications in the past 4 weeks
150	2.93%	1	Reported taking NSAID/Salicylate medications in the past 4 weeks

<b>CRP_MED3</b>		Num	COX-2 INHIBITOR MEDICATION USE IN THE PAST 4 WEEKS
Frequency	Percent	Value	Label
5109	99.90%	0	Did not report taking Cox-2 Inhibitor medications in the past 4 weeks
5	0.10%	1	Reported taking Cox-2 Inhibitor medications in the past 4 weeks

<b>CRP_MED4</b>		Num	INHALED CORTICOSTEROID MEDICATION USE IN THE PAST 4 WEEKS
Frequency	Percent	Value	Label
5092	99.57%	0	Did not report taking inhaled corticosteroid medications in the past 4 weeks
22	0.43%	1	Reported taking inhaled corticosteroid medications in the past 4 weeks

<b>CRP_MED5</b>		Num	CORTICOTROPIN/GLUCOCORTICOID MEDICATION USE IN THE PAST 4 WEEKS
Frequency	Percent	Value	Label
5061	98.96%	0	Did not report taking corticotropin/glucocorticoid medications in the past 4 weeks
53	1.04%	1	Reported taking corticotropin/glucocorticoid medications in the past 4 weeks

<b>CRP_MED6</b>		Num	ANTIRHEUMATIC/ANTIPSORIATIC MEDICATION USE IN THE PAST 4 WEEKS
Frequency	Percent	Value	Label
5096	99.65%	0	Did not report taking antirheumatic/antipsoriatic medications in the past 4 weeks

18	0.35%	1	Reported taking antirheumatic/antipsoriatic medications in the past 4 weeks
----	-------	---	---

<b>CRP_MED7</b>		Num	IMMUNOSUPPRESSIVE MEDICATION USE IN THE PAST 4 WEEKS
Frequency	Percent	Value	Label
5100	99.73%	0	Did not report taking immunosuppressive medications in the past 4 weeks
14	0.27%	1	Reported taking immunosuppressive medications in the past 4 weeks

<b>CRP_MED8</b>		Num	ANTI-INFLAMMATORY MEDICATION USE
Frequency	Percent	Value	Label
3591	70.22%	0	Did not report taking an anti-inflammatory medication
1523	29.78%	1	Reported taking any anti-inflammatory medication