

ICPSR 21600

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

Description

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Bibliographic Description

ICPSR Study No.: 21600

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

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Scope of Study

Summary: The National Longitudinal Study of Adolescent to Adult Health (Add Health), 1994-2008 [Public Use] is a longitudinal study of a nationally representative sample of adolescents in grades 7-12 in the United States during the 1994-1995 school year. The Add Health cohort has been followed into young adulthood with four in-home interviews, the most recent in 2008, when the sample was aged 24-32. Add Health combines longitudinal survey data on respondents' social, economic, psychological, and physical well-being with contextual data on the family, neighborhood, community, school, friendships, peer groups, and romantic relationships, providing unique opportunities to study how social environments and behaviors in adolescence are linked to health and achievement outcomes in young adulthood.

Public use biomarker data has been added. The Glucose/HbA1c data file contains two measures of glucose homeostasis based on assays of the Wave IV dried blood spots: Glucose (mg/dl) and Hemoglobin A1c (HbA1c, %). Six additional constructed measures -- fasting duration, classification of fasting glucose, classification of non-fasting glucose,

classification of HbA1c, diabetes medication, and a joint classification of glucose, HbA1c, self-reported history of diabetes, and anti-diabetic medication use -- are also included.

Public use Lipids biomarker data has been added. The Lipids data file contains measures of triglycerides, total cholesterol, high-density lipoprotein cholesterol, low-density lipoprotein cholesterol, non-high-density lipoprotein cholesterol, total-cholesterol to high-density lipoprotein cholesterol ratio, self-reported antihyperlipidemic medication use, joint classification of self-reported history of hyperlipidemia and antihyperlipidemic medication use, fasting duration.

For the most updated list of related publications please see the ([Link](#)) Web site.

Subject Term(s): academic achievement, adolescents, alcohol consumption, biomarkers, birth control, classroom environment, dating (social), diabetes, drinking behavior, drug use, eating habits, educational environment, families, family planning, family relationships, family structure, friendships, health, health behavior, health care access, health status, household composition, interpersonal relations, living arrangements, marriage, neighborhood characteristics, neighborhoods, parent child relationship, parental attitudes, parental influence, physical characteristics, physical condition, physical fitness, physical limitations, public assistance programs, religious behavior, religious beliefs, reproductive history, school attendance, self concept, self esteem, sexual attitudes, sexual behavior, smoking, social environment, social networks, tobacco use, violence, welfare services

Geographic Coverage: United States

Time Period: • 1994 - 2008

Date(s) of Collection: • September 1994 - December 1995
• April 1996 - August 1996
• July 2001 - April 2002
• April 2007 - February 2009

Unit of Observation:

Universe: Adolescents in grades 7 through 12 during the 1994-1995 school year. Respondents were geographically located in the United States.

Data Type: survey data

Data Collection Notes: This collection has been minimally processed. ICPSR has produced its full product suite (SPSS, SAS, and Stata data files, setup files, ASCII data files, an R data file, and PDF variable frequencies) using the deposited SPSS data files in the condition they were received. This collection will be fully curated and updated at a later time.

The current release represents a full collection update. All data and documentation files have been resupplied by the Principal Investigators. ICPSR has revised dataset names and numbers to better reflect the organization of the collection by study wave. Users should be aware that previous version history notes do not apply to the current organization of the datasets.

Wave I and Wave II field work was conducted by the ([Link](#)).

Wave III and Wave IV field work was conducted by the ([Link](#)).

Additional information on the National Longitudinal Study of Adolescent to Adult Health (Add Health) series can be found on the ([Link](#)) Web site.

Methodology

- Sample:
- **Wave I:** The **Stage 1** school sample was a stratified, random sample of all high schools in the United States. A school was eligible for the sample if it included an 11th grade and had a minimum enrollment of 30 students. A feeder school -- a school that sent graduates to the high school and that included a 7th grade -- was also recruited from the community. The **Stage 2** in-home sample of 27,000 adolescents consisted of a core sample from each community, plus selected special over samples. Eligibility for over samples was determined by an adolescent's responses on the in-school questionnaire. Adolescents could qualify for more than one sample. In addition, parents were asked to complete a questionnaire about family and relationships.
 - **Wave II:** The Wave II in-home interview sample was the same as the Wave I in-home interview sample, with a few exceptions (please see the ([Link](#)) page for details). In addition, school administrators were contacted by telephone to update school information, and information about neighborhoods/communities was gathered from a variety of previously published databases.
 - **Wave III:** The in-home Wave III sample consists of Wave I respondents who could be located and re-interviewed six years later. Wave III also collected High School Transcript Release Forms as well as samples of urine and saliva.
 - **Wave IV:** All original Wave I in-home respondents were eligible for in-home interviews at Wave IV. Wave IV also included collection of blood pressure readings, anthropometric measurements, saliva, and blood from all consenting respondents.

Weight: The data files are not weighted. However, the collection features a number of weight variables contained within the following datasets:

- **DS4:** Wave I: Public Use Grand Sample Weights
- **DS7:** Wave II: Public Use Grand Sample Weights
- **DS18:** Wave III: Public Use Education Data Weights
- **DS19:** Wave III: Add Health School Weights
- **DS21:** Wave III: Public In-Home Weights
- **DS31:** Wave IV: Public Use Weights

For additional information on the application of weights for data analysis, please see the [\(Link\)](#).

Mode of Data Collection: audio computer-assisted self interview (ACASI)

computer-assisted personal interview (CAPI)

computer-assisted self interview (CASI)

face-to-face interview

paper and pencil interview (PAPI)

Response Rates: Response rates for each wave were as follows:

- **Wave I:** 79 percent
- **Wave II:** 88.6 percent
- **Wave III:** 77.4 percent
- **Wave IV:** 80.3 percent

Access and Availability

Note: A list of the data formats available for this study can be found in the [summary of holdings](#). Detailed file-level information (such as record length, case count, and variable count) is listed in the [file manifest](#).

Some instruments administered as part of this study may contain contents from copyrighted instruments. Reproductions of the instruments are provided solely as documentation for the analysis of the data associated with this collection. Please contact the data producers for information on permissions to use the instruments for other purposes.

Original ICPSR Release: 2008-08-04

Version History: The last update of this study occurred on .

2015-11-09 - All data and documentation files were resupplied by the Principal Investigators, and the collection has been updated to include the most recently deposited files. Dataset names and numbers have been revised to better reflect the organization of the collection by study wave. All previous version history notes no longer apply to the current organization of the datasets.

2014-05-14 - AID Variable was truncated for one observation in Part 29. Datasets updated to correct error.

2013-11-07 - Addition of part 32: Wave IV, Public Use Biomarker data, Lipids Data.

2013-03-08 - Part 31 was updated following a resupply of the data by the Principal Investigators. Specifically, additional variables added to the data file, and CRP and EBV values have been recalculated, resulting in minimal changes to the data. The associated documentation and codebook files were also updated. Finally, a user guide describing measures of inflammation and immune function for Part 31 was also added.

2012-11-02 - Documentation files that contain information on how to correct for design effects associated parts 2, 21, 22, and 29 were added.

2012-11-01 - Part 30 was updated, including the associated codebook and a documentation file supplied by the principal investigators that details how glucose homeostasis was measured. Further, documentation files containing information on how to correct for design effects in the public-use datasets have been added for parts 2, 21, 22, and 29. Finally, the documentation file titled "21600-0029-Report-MULTI.pdf" has been removed from parts 2 and 22, since this documentation only applies to part 29.

2012-09-12 - Two documentation files, namely the Wave III In-Home Questionnaire Codebook, along with the Wave III In-Home Questionnaire, Data Collection Instrument and User Guide (which is a single composite file), have been updated for part 12.

2012-05-08 - CRP and EBV Test result data has been added to the study as Part 31. New updated data has replaced the existing Part 23 data. The documentation for Part 23 has been updated.

2012-02-23 - Glucose data was added.

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2012-02-06 - An error was discovered in a few variables for part 23, so the data and documentation was updated.

2012-01-23 - An additional documentation file about W4 weights was added to pt29

2011-12-14 - An error was discovered in one variable for part 23, so the data and documentation was updated. A page of additional documentation was also added to the existing doc file for part 29.

2011-11-28 - Updated weight dataset and added/updated weight documentation.

2011-03-18 - Part 13 was removed because it contains weights that have been superseded by Parts 21 and 22. Wave 4 data was added as Parts 23 through 29.

2010-05-04 - Documentation files have been added/revised for Parts 2, 21, and 22.

2010-04-09 - The Grand Sample Weight files were revised so that there is now a separate weight file for each wave.

2009-03-11 - The title to Part 2 was changed. In addition, value labels were corrected to Parts 3, 7, 8, 9, and 10. The corrections addressed an issue caused by brackets in the values labels.

2009-02-23 - An incorrect variable label in the Wave II public use data was corrected. New documentation and data files were generated with the corrected variable label.

2008-10-31 - Three new public-use datasets have been added (datasets 18, 19, and 20).

2008-08-19 - Descriptive content has been added to the metadata record.

- Dataset(s):
- DS1: Wave I: In-Home Questionnaire, Public Use Sample
 - DS2: Wave I: Public Use Contextual Database
 - DS3: Wave I: Network Variables
 - DS4: Wave I: Public Use Grand Sample Weights
 - DS5: Wave II: In-Home Questionnaire, Public Use Sample
 - DS6: Wave II: Public Use Contextual Database
 - DS7: Wave II: Public Use Grand Sample Weights
 - DS8: Wave III: In-Home Questionnaire, Public Use Sample

- DS9: Wave III: In-Home Questionnaire, Public Use Sample (Section 17: Relationships)
- DS10: Wave III: In-Home Questionnaire, Public Use Sample (Section 18: Pregnancies)
- DS11: Wave III: In-Home Questionnaire, Public Use Sample (Section 19: Relationships in Detail)
- DS12: Wave III: In-Home Questionnaire, Public Use Sample (Section 22: Completed Pregnancies)
- DS13: Wave III: In-Home Questionnaire, Public Use Sample (Section 23: Current Pregnancies)
- DS14: Wave III: In-Home Questionnaire, Public Use Sample (Section 24: Live Births)
- DS15: Wave III: In-Home Questionnaire, Public Use Sample (Section 25: Children and Parenting)
- DS16: Wave III: Public Use Education Data
- DS17: Wave III: Public Use Graduation Data
- DS18: Wave III: Public Use Education Data Weights
- DS19: Wave III: Add Health School Weights
- DS20: Wave III: Peabody Picture Vocabulary Test (PVT), Public Use
- DS21: Wave III: Public In-Home Weights
- DS22: Wave IV: In-Home Questionnaire, Public Use Sample
- DS23: Wave IV: In-Home Questionnaire, Public Use Sample (Section 16B: Relationships)
- DS24: Wave IV: In-Home Questionnaire, Public Use Sample (Section 16C: Relationships)
- DS25: Wave IV: In-Home Questionnaire, Public Use Sample (Section 18: Pregnancy Table)
- DS26: Wave IV: In-Home Questionnaire, Public Use Sample (Section 19: Live Births)
- DS27: Wave IV: In-Home Questionnaire, Public Use Sample (Section 20A: Children and Parenting)
- DS28: Wave IV: Biomarkers, Measures of Inflammation and Immune Function
- DS29: Wave IV: Biomarkers, Measures of Glucose Homeostasis
- DS30: Wave IV: Biomarkers, Lipids
- DS31: Wave IV: Public Use Weights