

ICPSR 4701

Welfare, Children, and Families: A Three-City Study

Ronald Angel

*University of Texas-Austin. Population Research
Center*

Linda Burton

*Pennsylvania State University. Population
Research Institute*

P. Lindsay Chase-Lansdale

University of Chicago. Population Research Center

Andrew Cherlin

*Johns Hopkins University. Hopkins Population
Center*

Robert Moffitt

*Johns Hopkins University. Hopkins Population
Center*

Created Variables: Focal Child Data, Wave 2,
Public-Use

Inter-university Consortium for
Political and Social Research
P.O. Box 1248
Ann Arbor, Michigan 48106
www.icpsr.umich.edu

Terms of Use

The terms of use for this study can be found at:
<http://www.icpsr.umich.edu/cocoon/ICPSR/TERMS/4701.xml>

Welfare, Children, and Families: A Three City Study
Main Child Interview
Wave 2
Complete Documentation on Recodes, Scales, and New Variables

PHYSICAL MEASUREMENTS (CM AND KA).....	2
AGES AND STAGES (XZ-XN)	3
WOODCOCK-JOHNSON APPLIED PROBLEMS AND LETTER-WORD IDENTIFICATION (AP AND LW).....	5
SCHOOLING (SC).....	7
PEER ASSOCIATIONS (PR)	14
CHILD-MOTHER RELATIONSHIP (MR).....	17
MOTHER-CHILD ACTIVITIES (YM).....	18
PARENTAL MONITORING (MO).....	19
FATHER-CHILD RELATIONSHIP (FR)	20
DELINQUENCY SCALE (DS)	21
SEX AND PREGNANCY (SX).....	23
BRIEF SYMPTOM INVENTORY (PS).....	24
HOME ENVIRONMENT – INTERVIEWER OBSERVATIONS (OB)	27

PHYSICAL MEASUREMENTS (CM AND KA)

New variable name: BMI22

Modules affected: Physical Measurements (CM, KA)

Variables affected: No data were changed

Description of new variable's purpose: To create a measure of body mass index.

Original values of variables: N/A

Description of how new value created, or description of new variable's content:

Body Mass Index is a measure of weight-for-height and is created by the following formula:
[(weight in pounds/ height in inches squared) * 703].

For younger children, zcm5a & zcm5b are used as the measure of height and zcm6a is used as the measure of weight. For older children, zka3a and zka3b are used as the measure of height and zka4c is used as the measure of weight.

BMI22 – Body Mass Index in pounds per inches squared

Value of new variable:

	N	Mean	Minimum	Maximum	Std. Dev
BMI22	2094	20.5262	4.16	46.51	5.9387

Scores based on:

BMI Calculations from: Kuczmariski, RJ, Ogden, CL, Grummer-Strawn, LM, et al. CDC growth charts: United States. Advance data from vital and health statistics; no. 314. Hyattsville, MD: National Center for Health Statistics. 2000

AGES AND STAGES (XZ-XN)

New variable names: ASCOD22, ASFMD22, ASGMD22, ASPRD22, ASSOD22, ASQDEL22

Modules affected: Ages and Stages Modules are affected:

Ages & Stages 13-15 Months (XZ), Ages & Stages 15-17 Months (XE), Ages & Stages 17-19 Months (XF), Ages & Stages 19-21 Months (XG), Ages & Stages 21-23 Months (XH), Ages & Stages 23-25 Months (XI), Ages & Stages 25-28 Months (XJ), Ages & Stages 28-31 (XK), Ages & Stages 31-34 (XL), Ages & Stages 34-39 Months (XM), Ages & Stages 39-45 Months (XN).

Variables affected: No data were changed

Description of the new variables' purposes: To create a screening measure to identify infants and young children who show potential developmental problems.

Original values of variables: N/A

Description of how new values created, or description of new variables' content:

One of the eleven age-specific questionnaires was given to each child who was between 14 and 45 months. The Ages and Stages questionnaire has 30 items divided into 5 sections. Each section contains 6 age-specific questions about a specific developmental area. A score for each section is created by summing the scores on each question and comparing this value to age-specific norms created by the scale's author. If there were 1 or 2 missing values for a score, a mean of the remaining items in that section were imputed for the missing values. A score of 1 indicates a delay in the developmental area and a score of 0 indicates no delay.

In addition, a variable was created indicating the number of delays a child was found to have by this scale. This was created by summing the number of scales with an indication of delay.

The new variables created are as follows:

- ASCOD22 – ASQ Communication Delay - Wave 2
- ASFMD22 – ASQ Fine Motor Delay - Wave 2
- ASGMD22 – ASQ Gross Motor Delay - Wave 2
- ASPRD22 – ASQ Problem Solving Delay - Wave 2
- ASSOD22 – ASQ Personal-Social Delay - Wave 2
- ASQDEL22 – Total Number of Domains with a Delay - Wave 2

Value of new variables:

	N	Mean	Minimum	Maximum	Std. Deviation
ASQDEL22	523	.6023	0	5	.9955

ASCOD22 ASQ Communication Delay

	Frequency	Percent	Valid Percent	Cumulative Percent
--	-----------	---------	---------------	--------------------

.00 No delay	427	19.8	81.6	81.6
1.00 Delayed	96	4.4	18.4	100.0
Total	523	24.2	100.0	

ASFMD22 ASQ Fine Motor Delay

	Frequency	Percent	Valid Percent	Cumulative Percent
.00 No delay	433	20.1	83.0	83.0
1.00 Delayed	89	4.1	17.0	100.0
Total	522	24.2	100.0	

ASGMD22 ASQ Gross Motor Delay

	Frequency	Percent	Valid Percent	Cumulative Percent
.00 No delay	507	23.5	96.9	96.9
1.00 Delayed	16	.7	3.1	100.0
Total	523	24.2	100.0	

ASPRD22 ASQ Problem Solving Delay

	Frequency	Percent	Valid Percent	Cumulative Percent
.00 No delay	440	20.4	84.3	84.3
1.00 Delayed	82	3.8	15.7	100.0
Total	522	24.2	100.0	

ASSOD22 ASQ Personal-Social Delay

	Frequency	Percent	Valid Percent	Cumulative Percent
.00 No delay	491	22.8	93.9	93.9
1.00 Delayed	32	1.5	6.1	100.0
Total	523	24.2	100.0	

Norms taken from: Squires, J., Potter, L., & Bricker, D. (1999). The ASQ User's Guide (2nd Ed.). Baltimore: Paul H. Brookes Publishing Co.

WOODCOCK-JOHNSON APPLIED PROBLEMS AND LETTER-WORD IDENTIFICATION (AP AND LW)

New variable names: WJAPAE22, WJAPGE22, WJAPSS22, WJLWAE22, WJLWGE22, WJLWSS22

Modules affected: Woodcock-Johnson Letter Word Identification (LW) and Applied Problem (AP)

Variables affected: N/A

Description of new variables' purposes: Standardized measurement of Woodcock-Johnson scores - using norms tables provided with measure. The standard score should be used in any analyses (wjapss22 and wjlwss22). There is also a corresponding age and grade equivalent.

Original values of variables: N/A

Description of how new value created, or description of new variable's content:

The new variables created are as follows:

- WJAPAE22 – WJ Applied Problems age equivalent - Wave 2
- WJAPGE22 – WJ Applied Problems grade equivalent - Wave 2
- *WJAPSS22 – WJ Applied Problems - Standard Score - Wave 2
- WJLWAE22 – WJ Letter Word Identification age equivalent - Wave 2
- WJLWGE22 – WJ Letter Word Identification grade equivalent - Wave 2
- *WJLWSS22 – WJ Letter Word Identification - Standard score - Wave 2
- * These are the primary variables to use in analysis.

These variables were created using the methods and norms created by the authors. For scoring of the English administration, see Woodcock & Johnson (1990). For scoring of the Spanish administration, see Woodcock & Munoz-Sandoval (1996). The language variable “wjlang22” was renamed to differentiate it from the language variable used for administration of the Woodcock-Johnson to mothers.

There are several cases where we did not calculate standard scores. There are cases where the raw scores were not on the norms table given for this measure (i.e., the score received was out of the realm of possibility) and thus, no standard scores were created. There are also 14 cases for the Letter-Word Identification section and 8 cases for the Applied Problem section where, although the standard score was within the realm of possibility, there were multiple inconsistencies in the child's response pattern and scores compared to other information from the survey (e.g., child had been held back a grade, they reported doing poorly in school but had high scores here or vice versa, their response pattern indicated getting harder items correct, but easier items incorrect). Thus, we decided not to keep these scores in the data as we were not confident in them.

Value of new variables:

	N	Minimum	Maximum	Mean	Std. Deviation
WJAPAE22	2009	2.00	24.91	8.2663	5.1439
WJAPGE22	2009	.00	16.99	3.7455	4.0995
WJAPSS22	2004	17.00	159.00	93.1886	15.8084
WJLWAE22	2003	2.00	32.99	9.2684	6.8091
WJLWGE22	2003	.00	17.00	4.2926	4.9625
WJLWSS22	2000	11.00	174.00	97.8535	17.3314

Scoring and norms taken from:

Woodcock, R. W., & Mather, N. (1989, 1990). *WJ-R Tests of Achievement: Examiner=s Manual*. In R. W. Woodcock & M. B. Johnson, Woodcock-Johnson Psycho-Educational Battery-Revised. Itasca, IL: Riverside Publishing.

Woodcock, R. W. & Munoz-Sandoval, A. F. (1996). *Bateria Woodcock-Munoz: Pruebas de aprovechamiento-Revisada, Supplemental Manual*. In R. W. Woodcock & A. F. Munoz-Sandoval, Bateria Woodcock-Munoz: Pruebas de aprovechamiento-Revisada. Itasca, IL: Riverside Publishing.

SCHOOLING (SC)

New variable names: SC16AA22, SC16AO22

Modules affected: Schooling

Variables affected: zsc16aa. zsc16ao

Description of the problem: Question zsc16aa asks respondents what type of work they do. In some cases, responses specified for the “other” category matched an existing category. In other cases, several respondents specified the same answer for the “other” category.

Original values of variables:

ZSC16AA What type of work do you do?

	Frequency	Percent	Valid Percent	Cumulative Percent
-1.00 Don't know	1	.0	.7	.7
1.00 Cleaning / Maintenance / Yardwork	36	1.7	25.4	26.1
2.00 Babysitting	42	1.9	29.6	55.6
3.00 Doing Hair/Nails	3	.1	2.1	57.7
4.00 Delivering Papers	1	.0	.7	58.5
5.00 Service work in restaurant	9	.4	6.3	64.8
6.00 Other	50	2.3	35.2	100.0
Total	142	6.6	100.0	

ZSC16AO

	Frequency	Percent	Valid Percent	Cumulative Percent
	2100	97.3	97.3	97.3
ATEND TO HORSES	1	.0	.0	97.4
CASHIER IN A CONVENIENCE STORE	1	.0	.0	97.4
CATERER	1	.0	.0	97.5
CHORES AT HOME	1	.0	.0	97.5
CLEAN TABLE/WASH FLOOR/WATCH COUSINS	1	.0	.0	97.5
CLERK AT A LAW OFFICE	1	.0	.0	97.6
CONSTRUCTION	1	.0	.0	97.6
COOK	1	.0	.0	97.7
COUNSELING	1	.0	.0	97.7
CUT GRASS AND WORK AT A CANDY STORE	1	.0	.0	97.8
CUT YARDS	1	.0	.0	97.8
DIETARY AIDE	1	.0	.0	97.9

DISHWASHER	1	.0	.0	97.9
FILING	1	.0	.0	98.0
GOING OUT OF BUSINSEE SIGNS	1	.0	.0	98.0
HELP AROUND HOUSE	1	.0	.0	98.1
HELP MAKE BAKERY ITEMS IN BAKERY	1	.0	.0	98.1
HELP PEOLPLE WITH CAR PARTS	1	.0	.0	98.1
HELPS MOTER AND SISTERS	1	.0	.0	98.2
I RUN EAREN FOR MY BOSS SHE DOES INCOME	1	.0	.0	98.2
INTERIOR IN THE CARS	1	.0	.0	98.3
MAKE SURE BRTHERS GET TO SCHOOL	1	.0	.0	98.3
ASSISTANT AT X	1	.0	.0	98.4
MISTAKE NONE	1	.0	.0	98.4
MOBILE VENDING	1	.0	.0	98.5
MOVING FURNITURE	1	.0	.0	98.5
NONE	1	.0	.0	98.6
OFFICE HELPING KIDS	1	.0	.0	98.6
OFFICE PAPER WORK	1	.0	.0	98.7
PAINT	1	.0	.0	98.7
PAINTING,HELPING PUT UP DRYWALL	1	.0	.0	98.7
SALES CANDY	1	.0	.0	98.8
SALES IN A MUSIC STORE	1	.0	.0	98.8
SELL CANDY	1	.0	.0	98.9
SELL CANDY FOR PROFIT	1	.0	.0	98.9
SELLING CANDY	1	.0	.0	99.0
SELLS POTTERY	1	.0	.0	99.0
SHIPPING	1	.0	.0	99.1
SHOVELING SNOW	1	.0	.0	99.1
SORT PICTURES FOR WEDDING ALBUMS	1	.0	.0	99.2
SPORT PROGRAMS	1	.0	.0	99.2
STOP & SHOP SUPERMARKET	1	.0	.0	99.3
SUPERVISOR AT THE MOVIES.	1	.0	.0	99.3
TEACHER ASST.	1	.0	.0	99.4
TELEPHONE CONNECTIONS	1	.0	.0	99.4
TUDOR, CLEANING	1	.0	.0	99.4
TUTOR AFTER SCHOOL PROGRAM	1	.0	.0	99.5
TUTOR/SINGING	1	.0	.0	99.5
TUTORING	1	.0	.0	99.6
TUTORING BROTHER	1	.0	.0	99.6
TYPIST	1	.0	.0	99.7

USHER	1	.0	.0	99.7
WALHING DOGS	1	.0	.0	99.8
WALK DOGS	1	.0	.0	99.8
WORK IN GRANDDAD'S STORE	1	.0	.0	99.9
WORKING WITH LITTLE KIDS AT THE CENTER	1	.0	.0	99.9
WORKS IN FATHER'S GROCERY STORE	1	.0	.0	100.0
YOUTH LEADERSHIP	1	.0	.0	100.0
Total	2158	100.0	100.0	

Description of problems and solutions:

Problem 1: In some cases, responses to the “other” category matched an existing category in variable zsc16aa.

Solution 1: New variables sc16aa22 and sc16ao22 were created to include the full sample of zsc16aa and zsc16ao respectively. Responses from the “other” category that stated “help make bakery items in bakery” were backcoded to sc16aa22 = 5 (service work in restaurant). Responses from the “other” category that stated, “working with little kids at the center” or “make sure brthers get to school” were backcoded to sc16aa22 = 2 (babysitting). All cases were then deleted from sc16ao22.

Problem 2: In some cases, there was a common response to the “other” category in variable zsc16aa.

Solution 2: Two new categories, (7) “retail/sales” and (8) “office” were created in variable sc16aa22. Responses were backcoded into the appropriate category and then deleted from sc16ao22.

Value of new variables:

SC16AA22

	Frequency	Percent	Valid Percent	Cumulative Percent
-1.00 Don't Know	1	.0	.7	.7
1.00 Cleaning/Maintenance/Yard work	41	1.9	28.9	29.6
2.00 Babysitting	44	2.0	31.0	60.6
3.00 Doing hair/nails	3	.1	2.1	62.7
4.00 Delivering papers	1	.0	.7	63.4
5.00 Service work in restaurant	10	.5	7.0	70.4
6.00 Other	22	1.0	15.5	85.9
7.00 Retail/sales	13	.6	9.2	95.1
8.00 Office	7	.3	4.9	100.0
Total	142	6.6	100.0	

SC16AO22

	Frequency	Percent	Valid Percent	Cumulative Percent
--	-----------	---------	---------------	--------------------

	2136	99.0	99.0	99.0
ATEND TO HORSES	1	.0	.0	99.0
CLEAN TABLE/WASH FLOOR/WATCH COUSINS	1	.0	.0	99.1
COUNSELING	1	.0	.0	99.1
CUT GRASS AND WORK AT A CANDY STORE	1	.0	.0	99.2
DIETARY AIDE	1	.0	.0	99.2
GOING OUT OF BUSINSEE SIGNS	1	.0	.0	99.3
HELP PEOLPLE WITH CAR PARTS	1	.0	.0	99.3
HELPS MOTER AND SISTERS	1	.0	.0	99.4
I RUN EAREN FOR MY BOSS SHE DOES INCOME	1	.0	.0	99.4
INTERIOR IN THE CARS	1	.0	.0	99.4
SHIPPING	1	.0	.0	99.5
SPORT PROGRAMS	1	.0	.0	99.5
TEACHER ASST.	1	.0	.0	99.6
TELEPHONE CONNECTIONS	1	.0	.0	99.6
TUDOR, CLEANING	1	.0	.0	99.7
TUTOR AFTER SCHOOL PROGRAM	1	.0	.0	99.7
TUTOR/SINGING	1	.0	.0	99.8
TUTORING	1	.0	.0	99.8
TUTORING BROTHER	1	.0	.0	99.9
WALHING DOGS	1	.0	.0	99.9
WALK DOGS	1	.0	.0	100.0
YOUTH LEADERSHIP	1	.0	.0	100.0
Total	2158	100.0	100.0	

New variable names: SC16BA12, SC16BO12

Modules affected: Schooling (SC)

Variables affected: zsc16ba, zsc16bo

Description of problem: Question zsc16ba asks respondents where they work. In some cases, responses to the “other” category matched an existing category.

Original values of variables:

ZSC16BA

	Frequency	Percent	Valid Percent	Cumulative Percent
-1.00 Don't Know	1	.0	.7	.7
1.00 Own Home	50	2.3	35.2	35.9

2.00 Relative's Home	16	.7	11.3	47.2
3.00 Neighbor's Home	17	.8	12.0	59.2
4.00 Restaurant	8	.4	5.6	64.8
5.00 Office	10	.5	7.0	71.8
6.00 Other	40	1.9	28.2	100.0
Total	142	6.6	100.0	

ZSC16BO

	Frequency	Percent	Valid Percent	Cumulative Percent
	2116	98.1	98.1	98.1
A FRIEND'S HOUSE	1	.0	.0	98.1
BAKERY	1	.0	.0	98.1
X HEALTH CENTER	1	.0	.0	98.2
BUILDING I LIVE IN	1	.0	.0	98.2
BUSINESS PARKING LOT	1	.0	.0	98.3
CATERING COMPANY	1	.0	.0	98.3
CHURCH	1	.0	.0	98.4
CLASS ROOM	1	.0	.0	98.4
CLEANING APT	1	.0	.0	98.5
COMMUNITY	1	.0	.0	98.5
COMMUNITY CENTER	1	.0	.0	98.6
COMMUNITY HEALTH CENTER	1	.0	.0	98.6
CONVENIENCE STORE	1	.0	.0	98.7
DOES NOT	1	.0	.0	98.7
EXERCISING GYM	1	.0	.0	98.7
FACTORY	1	.0	.0	98.8
FACTORY MY FATHERS JOB MAKING X	1	.0	.0	98.8
FATHER'S ASSISTANT	1	.0	.0	98.9
X TEEN CENTER	1	.0	.0	98.9
FROM HIS HOME TO THEIR SCHOOL	1	.0	.0	99.0
IN SCHOOL	1	.0	.0	99.0
IN THE FIELD	1	.0	.0	99.1
IN THE FRONT YARD	1	.0	.0	99.1
JUNK YARD	1	.0	.0	99.2
LIQUOR STORE	1	.0	.0	99.2
MALL	1	.0	.0	99.3
NOWHERE	1	.0	.0	99.3
ON ICECREAM TRUCK	1	.0	.0	99.4
ON NEWS PAPER ROUTE	1	.0	.0	99.4
PEOPLES HOUSES	1	.0	.0	99.4
PERSON HOME/ALSO DOES HAIR	1	.0	.0	99.5

SCHOOL	1	.0	.0	99.5
SHOW	1	.0	.0	99.6
STABLE	1	.0	.0	99.6
STREET CORNERS, PARKING LOTS, ETC.	1	.0	.0	99.7
SUPERMARKET	1	.0	.0	99.7
SUPERVISOR AT THE MOVIES	1	.0	.0	99.8
X YOUTH TEAM	1	.0	.0	99.8
THEIR HOUSE	1	.0	.0	99.9
WITH COMPANY	1	.0	.0	99.9
WORKS IN FATHER'S GROCERY STORE	1	.0	.0	100.0
WORKS WITH HIS FATHER IN THE COMMUNITY	1	.0	.0	100.0
Total	2158	100.0	100.0	

Description of problem and solution:

Problem 1: In some cases, responses to the “other” category matched an existing category in zsc16ba.

Solution 1: New variables sc16ba22 and sc16bo22 were created to include the full sample of zsc16ba and zsc16bo respectively. Backcoding was completed for category (1) “own home”, category (3) “neighbor’s home”, category (4) “restaurant” and category (5) “office”. Appropriate responses were backcoded into variable sc16ba22 and deleted from the “other” category in sc16bo22.

Problem 2: In some cases, there was a common response to the “other” category.

Solution 2: Category (6) “other” in original variable zsc16ba was recoded into category (7) “other” in new variable sc16ba22. Two new categories, (6) “store” and (8) “school/community center/church” were created in variable sc16ba22. Responses were backcoded into the appropriate category and then deleted from sc16bo22.

Value of new variables:

SC16BA22

	Frequency	Percent	Valid Percent	Cumulative Percent
-1.00 Don't Know	1	.0	.7	.7
1.00 Own Home	52	2.4	36.6	37.3
2.00 Relative's Home	16	.7	11.3	48.6
3.00 Neighbor's home	22	1.0	15.5	64.1
4.00 Restaurant	10	.5	7.0	71.1
5.00 Office	11	.5	7.7	78.9
6.00 Store	7	.3	4.9	83.8
7.00 Other	16	.7	11.3	95.1
8.00 School/Community Center/Church	7	.3	4.9	100.0
Total	142	6.6	100.0	

SC16BO22

	Frequency	Percent	Valid Percent	Cumulative Percent
	2142	99.3	99.3	99.3
X HEALTH CENTER	1	.0	.0	99.3
BUILDING I LIVE IN	1	.0	.0	99.4
BUSINESS PARKING LOT	1	.0	.0	99.4
COMMUNITY	1	.0	.0	99.4
EXERCISING GYM	1	.0	.0	99.5
FACTORY	1	.0	.0	99.5
FACTORY MY FATHERS JOB MAKING X	1	.0	.0	99.6
FATHER'S ASSISTANT	1	.0	.0	99.6
IN THE FIELD	1	.0	.0	99.7
JUNK YARD	1	.0	.0	99.7
ON ICECREAM TRUCK	1	.0	.0	99.8
ON NEWS PAPER ROUTE	1	.0	.0	99.8
STABLE	1	.0	.0	99.9
STREET CORNERS, PARKING LOTS, ETC.	1	.0	.0	99.9
X YOUTH TEAM	1	.0	.0	100.0
WORKS WITH HIS FATHER IN THE COMMUNITY	1	.0	.0	100.0
Total	2158	100.0	100.0	

PEER ASSOCIATIONS (PR)

Name of new variables: PFREND22

Description of new variable: Creates scale to measure positive influence of school friends.

Modules affected: PR

Variables affected: ZPR1A, ZPR2A, ZPR3A, ZPR4A, ZPR6A, ZPR7A

Description of new variables: Exploratory factor analysis produced a single factor (eigenvalue=2.202). The scale is a sum of 6 binary variables that ask about the positive influence of friends from school on focal child youth. The “yes” answers were aggregated to create a measure on a 0-6 scale. Item ZPR5A was excluded because it measures popularity, and ZPR6A had to be reverse-coded to match the other items. The unweighted alpha score for the scale is .64 and the weighted alpha is .60.

Value of new variables:

N	MEAN	STD. DEV.	MIN	MAX
1043	4.22	1.56	.00	6.00

Name of new variables: PNFRND21

Description of new variable: Creates scale to measure positive influence of neighborhood friends.

Modules affected: PR

Variables affected: ZPR8A, ZPR9A, ZPR10A, ZPR11A, ZPR13A, ZPR14A

Description of new variables: Exploratory factor analysis produced a single factor (eigenvalue=2.910). The scale is a sum of binary variables that ask about the positive influence of friends in the neighborhood on focal child youth. The “yes” answers were aggregated to create a measure on a 0-6 scale. Item ZPR12A was excluded because it measures popularity, and ZPR13A was reverse-coded to match the other items. The unweighted alpha score for the scale is .78 and the weighted alpha is .80.

Value of new variables:

N	MEAN	STD. DEV.	MIN	MAX
1000	3.31	1.93	.00	6.00

Name of new variables: PEER22

Description of new variable: Creates scale to measure positive influence of all (school and neighborhood) friends.

Modules affected: PR

Variables affected: ZPR1A, ZPR2A, ZPR3A, ZPR4A, ZPR6A, ZPR7A, ZPR8A, ZPR9A, ZPR10A, ZPR11A, ZPR13A, ZPR14A

Description of new variables: Exploratory factor analysis produced a single factor (eigenvalue=3.244). This scale measures the mean of the scores on the positive influence of school friends and the positive influence of neighborhood friends scales. Items ZPR5A and ZPR12A were excluded because they are measures of popularity rather than influence. The scale was not calculated for respondents who had missing values for either the school friends scale or the neighborhood friends scale or both. Both the unweighted and weighted alpha scores for the scale are .74.

Value of new variables:

N	MEAN	STD. DEV.	MIN	MAX
997	3.76	1.37	.00	6.00

Name of new variables: PRDEL22, PRDEL22A

Description of new variable: Peer delinquency

Modules affected: PR

Variables affected: ZPR17A, ZPR18A, ZPR19A, ZPR20A, ZPR21A, ZPR22A, ZPR23A, ZPR24A, ZPR25A, ZPR26A, ZPR27A

Description of new variables:

PRDEL22: Peer delinquency scale. Eigenvalue=5.098. Unweighted alpha=.88, weighted alpha=.85. Respondents who had one or two missing items on this scale were preserved by taking the mean of their other responses and substituting that value for the missing items.

PRDEL22A includes only cases with non-missing values.

Value of new variables:

PRDEL22

N	MEAN	STD. DEV.	MIN	MAX
1000	14.07	4.26	11.00	40.00

PRDEL22

N	MEAN	STD. DEV.	MIN	MAX
896	14.10	4.26	11.00	40.00

CHILD-MOTHER RELATIONSHIP (MR)

New variable names: IPTOTM22, IPTCM22, IPAAM22

Modules affected: Child-Mother Relationship Scale in Child Main Survey (MR)

Variables affected: No data were changed

Description of new variables' purposes: To measure 2 dimensions of the mother-child relationship: 1) trust and communication and 2) anger and alienation.

Original values of variables: N/A

Description of how new values created, or description of new variables' content:

The same composite measures were created as in Wave 1 (see Wave 1 documentation). Internal consistency was checked and found to be adequate to support the same measure in this wave of data collection. The new variables created are as follows:

IPTOTM22 – Total Mother/Child Relationship

The total score was calculated by reverse coding items zmr3a, zmr4a, zmr5a, zmr9a, zmr12a and creating a mean of all the items score. Scores were only calculated if 9 of the 12 items had valid responses. Higher scores reflect greater warmth and connectedness.

IPTCM22 – Mother/Child Trust & Communication

The Trust & Communication scale was calculated by taking the mean of the six following items: zmr1a, zmr2a, zmr6a, zmr8a, zmr10a, zmr11a. Scores were only calculated if 4 of the 6 items had valid responses. Higher scores reflect greater trust and communication.

IPAAM22 – Mother/Child Anger & Alienation

The Anger & Alienation scale was calculated by taking the mean of the following six items: zmr3a, zmr4a, zmr5a, zmr7a, zmr9a, zmr12a (items were not reverse coded). Scores were only calculated if 4 of the 6 items had valid responses. Higher scores reflect more anger and alienation.

Value of new variables:

	N	Mean	Minimum	Maximum	Std. Dev	Unwtd Alpha	Wtd Alpha
IPTOTM22	1044	3.88	1	5	.7139	.8146	.8222
IPTCM22	1045	4.11	1	5	.7890	.7868	.7804
IPAAM22	1042	2.34	1	5	.8699	.7181	.7408

MOTHER-CHILD ACTIVITIES (YM)

New variable names: MCASCH22, MCAPUN22

Modules affected: Mother-Child Activities in the Main Child Survey (YM)

Variables affected: N/A

Description of new variables' purposes: Creation of School and Punishment sub-scales within the Mother-Child activities section.

Original values of variables: N/A

Description of how new values created, or description of new variables' content: The same composite measures were created as in Wave 1 (see Wave 1 documentation). Internal consistency was checked and found to be adequate to support the same measure in this wave of data collection.

The new variables were created as follows:

MCASCH22 – Mother-Child Activities School Subscale

The mean was calculated for items zym1a, zym2a and zym3a. At least two items needed valid responses for the mean to be calculated.

MCAPUN22 – Mother-Child Activities Punishment Subscale

The mean was calculated for items zym4a, zym5a, zym6a, zym9a and zym10a. At least three items needed valid responses for the mean to be calculated.

Value of new variables:

	N	Minimum	Maximum	Mean	Std. Dev.	Unwtd Alpha	Wtd Alpha
MCASCH22	1043	1.00	5.00	3.6363	1.1854	.7970	.7843
MCAPUN22	1040	1.00	5.00	1.7970	.7069	.7441	.7030

PARENTAL MONITORING (MO)

New variable names: TOTMON22, MONITR22, CURFEW22

Modules affected: Parental Monitoring

Variables affected: N/A

Description of new variables' purposes: Three new variables were created. The first totmon22 is a composite measure of parental monitoring. The second, monitr22 is a measure of parental monitoring, that excludes curfew items. The third, curfew22, reflects adolescents' curfews on weekends and weeknights.

Original values of variables: N/A

Description of how new values created, or description of new variables' content: The same composite measures were created as in Wave 1 (see Wave 1 documentation). Internal consistency was checked and found to be adequate to support the same measures in this wave of data collection.

TOTMON22 – This is an overall measure of parental monitoring calculated by taking the mean across all recoded items from the parental monitoring section. Higher scores reflect higher levels of monitoring. At least 4 items needed valid responses for the mean to be calculated.

MONITR22 – This is a measure of monitoring calculated by taking the mean across recoded monitoring items ymo3a, ymo4a, ymo5a, ymo6a, and ymo7a. This measure of monitoring excludes curfew items. Higher levels reflect higher levels of monitoring. At least 3 items needed valid responses for the mean to be calculated.

CURFEW22 – This is the mean across recoded items ymo1aa and ymo2a for children who were on summer break at the time of the interview. For children who were enrolled in school, curfew12 is the mean across recoded items ymo1a & ymo2a. Both items needed valid responses for the mean to be calculated.

Value of new variables:

	N	Mean	Minimum	Maximum	Std. Dev	Unwtd Alpha	Wtd Alpha
MONITR22	1039	.8688	.33	1.00	.1429	.7626	.7572
CURFEW22	1025	.6258	.14	1.00	.1915	.6383	.5524
TOTMON22	1040	.8001	.28	1.00	.1273	.7237	.6923

Measure and scoring based on scale used in:

Steinberg, L., Mounts, N. S., Lamborn, S. D., & Dornbusch, S. M. (1991). Authoritative parenting and adolescent adjustment across varied ecological niches. Journal of Research on Adolescence, 1, 19-36.

FATHER-CHILD RELATIONSHIP (FR)

New variable names: IPTOTF22, IPTCF22, IPAAF22

Modules affected: Child-Father Relationship Scale in Child Main Survey (FR)

Variables affected: No data were changed

Description of new variables' purposes: To measure 2 dimensions of the father-child relationship: 1) trust and communication and 2) anger and alienation.

Original values of variables: N/A

Description of how new value created, or description of new variable's content:

The same composite measures were created as in Wave 1 (see Wave 1 documentation). Internal consistency was checked and found to be adequate to support the same measure in this wave of data collection. The new variables created are as follows:

IPTOTF22 – Total Father/Child Relationship

The total score was calculated by reverse coding items zfr3a zfr4a zfr5a zfr7a zfr9a zfr12a and then calculating the mean of all items in the section. Scores were only calculated if 9 of the 12 items had valid responses. Higher scores reflect greater warmth and connectedness.

IPTCF22 – Father/Child Trust & Communication

The Trust & Communication scale was calculated by taking the mean of the six following items: zfr1a, zfr2a, zfr6a, zfr8a, zfr10a, zfr11a. Scores were only calculated if 4 of the 6 items had valid responses. Higher scores reflect greater trust and communication.

IPAAF22 – Father/Child Anger & Alienation

The Anger & Alienation scale was calculated by taking the mean of the following six items: zfr3a, zfr4a, zfr5a, zfr7a, zfr9a, zfr12a (items were not reverse coded). Scores were only calculated if 4 of the 6 items had valid responses. Higher scores reflect more anger and alienation.

Value of new variables:

	N	Mean	Minimum	Maximum	Std. Dev	Unwtd Alpha	Wtd Alpha
IPTOTF22	850	3.4198	1.00	5.00	.9388	.8414	.8454
IPTCF22	860	3.2931	1.00	5.00	1.2923	.9043	.8978
IPAAF22	857	2.4805	1.00	5.00	.9952	.7124	.7375

DELINQUENCY SCALE (DS)

New variable names: DQSER22, DQDRG22, DQSCH22, DQTOT22

Modules affected: Delinquency Scale in Main Child Survey (DS)

Variables affected: N/A

Description of new variables' purposes: Create scales for assessing child delinquent activities.

Original values of variables: N/A

Description of how new values created, or description of new variables' content:

The same composite measures were created as in Wave 1 (see Wave 1 documentation). Internal consistency was checked and found to be adequate to support the same measure in this wave of data collection.

The new variables created are as follows:

DQSER22 – Serious Delinquency – Wave 2 Child Main

Serious Delinquency was calculated by first taking the mean of the z-scores of the following items: zds7a, zds8a, zds9a, zds14a, zds15a, zds16a. Four items with valid responses were necessary for the calculation of this scale. To address the skewed distribution of the scale, a transformed score was computed by adding 1 to the mean and taking the natural log of that value.

DQDRG22 – Alcohol/Drug Use – Wave 2 Child Main

Alcohol/Drug Use was calculated by first taking the mean of the z-scores of the following items: zds5a, zds10a, zds11a, zds17a, zds18a. Three items with valid responses were needed for the calculation of this scale. To address the skewed distribution of the scale, a transformed score was computed by adding 1 to the mean and taking the natural log of that value.

DQSCH22 – School Problems – Wave 2 Child Main

School Problems was calculated by first taking the mean of the z-scores of the following items: zds1a, zds2a, zds3a, zds4a, and zds13a. Three items with valid responses were each needed for the calculation of this scale. To address the skewed distribution of the scale, a transformed score was computed by adding 1 to the mean and taking the natural log of that value.

DQTOT22 – Total Delinquency – Wave 2 Child Main

The total score was calculated by first taking the mean of the z-scores of the following items: zds5a, zds7a, zds8a, zds9a, zds10a, zds11a, zds12a, zds14a, zds15a, zds16a, zds17a, zds18a. Eight of the 12 items need valid responses for a score to be calculated. To address the skewed distribution of the scale, a transformed score was computed by adding 1 to the mean and taking the natural log of that value.

Higher scores reflect more problems on all four scales.

Value of new variables:

	N	Minimum	Maximum	Mean	Std. Deviation	Unwtd Alphas	Wtd Alphas
DQTOT22	1039	-.40	1.76	-.0953	.3834	.8383	.8676
DQSER22	1038	-.52	1.87	-.1407	.4757	.7878	.8219
DQDRG22	1039	-.30	1.98	-.0993	.3723	.6933	.7424
DQSCH22	1039	-.92	1.58	-.1642	.5587	.6252	.6252

SEX AND PREGNANCY (SX)

New variable names: SX2A22, SX3A22, SX4A22

Modules affected: Sex and Pregnancy (SX) in Main Child Survey

Variables affected: zsx2a, zsx3a, and zsx4a.

Description of problem: Questions zsx2a, zsx3a and zsx4a ask respondents about their age at first intercourse, partner age at first intercourse and partner age at last intercourse respectively. In some cases, responses to these questions seemed too young.

Original values of variables:

	N	Minimum	Maximum	Mean	Std. Deviation
ZSX2A	219	1.00	16.00	12.2648	3.0923
ZSX3A	223	1.00	24.00	13.8430	3.3094
ZSX4A	223	1.00	38.00	14.8969	3.9265

Problem and Solution:

Problem 1: In some cases, responses to these questions seemed too young.

Number of Cases Affected: 14 cases (hhid = 0420330, 1050550, 1250030, 1690300, 1830170, 1130320, 1190080, 0270470, 1840460, 0420020, 0790570, 0950080, 1670220, 1080140)

Solution 1: New variables sx2a22, sx3a22 and sx4a22 were created to include the full sample of zsx2a, zsx3a, and zsx4a. For cases 0420330, 1050550, 1250030, 1690300, 1830170, 1130320 and 1190080, data for all three variables were set to missing. For cases 0270470, 1840460, 0420020, 0790570, 0950080, only variable sx2a22 was set to missing. Lastly, for case 1670220, variable sx4a22 was set to missing and for case 1080140, variable sx3a22 was set to missing. It is important to note that prior to changing the data, cases with young ages were checked to see if they had indicated sexual abuse. None of these cases reported sexual abuse.

Value of new variables:

	N	Minimum	Maximum	Mean	Std. Deviation
SX2A22	207	5.00	16.00	12.9034	1.6132
SX3A22	215	7.00	24.00	14.2977	2.3511
SX4A22	215	8.00	38.00	15.3814	3.0515

BRIEF SYMPTOM INVENTORY (PS)

New variable names: CHAGE22, CHYEAR22

Modules affected: N/A

Variables affected: These variables are more appropriate to use when focusing on the child as compared to either chage (a computer generated age used to determine what interview sections to give) or qhhge_2 (age in years at the time of the primary caregiver interview).

Description of new variables' purpose: To create variables indicating child's age at the time of the youth interview

Original values of variables: N/A

Description of how new values created, or description of new variables' content: The child's age was calculated by using the date of birth reported by the mother in the demographic section (data unavailable to the public) and the date that the youth interview was completed. If the youth interview was never completed, the date the interview was last accessed by the interviewer was used. The age (chage22) was calculated to round the child's age to the closest month (e.g., if a child was 6 months, 16 days, they are listed as 7 months old). For those who would prefer age in years, this variable was divided by 12 to get child's age in years (chyear22). Because of the rounding this will cause a child who is within 2 weeks of her birthday to be considered the age she is about to turn, rather than the age she currently is.

Value of new variables:

	N	Minimum	Maximum	Mean	Std. Deviation
CHAGE22	2158	14	203	104.09	61.580

CHYEAR22

	Frequency	Percent	Valid Percent	Cumulative Percent
1.00	108	5.0	5.0	5.0
2.00	231	10.7	10.7	15.7
3.00	235	10.9	10.9	26.6
4.00	234	10.8	10.8	37.4
5.00	207	9.6	9.6	47.0
6.00	92	4.3	4.3	51.3
7.00	3	.1	.1	51.4
10.00	2	.1	.1	51.5
11.00	137	6.3	6.3	57.9
12.00	231	10.7	10.7	68.6
13.00	212	9.8	9.8	78.4
14.00	200	9.3	9.3	87.7
15.00	179	8.3	8.3	96.0

16.00	87	4.0	4.0	100.0
Total	2158	100.0	100.0	

New variable names: BSTOT22, BSSOM22, BSDEP22, BSANX22, BSTOTT22, BSDEPT22, BSSOMT22, BSANXT22

Modules affected: Brief Symptom Inventory

Variables affected: No data were changed

Description of new variables' purposes: To create scales for assessing the focal child's (age 10-14) psychological distress.

Original values of variables: N/A

Description of how new values created, or description of new variables' content:

The new variables created are as follows:

BSTOT22 – BSI Total Score

BSSOM22 – BSI Somatization Score

BSDEP22 – BSI Depression Score

BSANX22 – BSI Anxiety Score

Three types of scores were created: raw scores, T-scores, and transformed raw scores. Raw scores (bstot12 - bsanx12) are calculated by taking a mean of the items in each scale. In order for the subscale score to be calculated a case must have four valid responses. Total scores are calculated for individuals with valid responses to all 12 items. Missing values are addressed by imputing the mean of the subscale for the item.

Unlike the mother BSI, no T-scores were calculated since norms for adolescents have not yet been developed (Derogatis, 2000). It is recommended that raw scores are used in most analysis, thus not having these T-scores should not present a problem.

To address skewness in the raw subscale scores, transformed variables were created. Variables were transformed by adding 1 to the raw score and taking the natural log. It is recommended that you use these transformed scores over the original raw scores. These variables are as follows:

BSTOTT22 – BSI Transformed Total Score

BSDEPT22 – BSI Transformed Depression Score

BSSOMT22 – BSI Transformed Somatization Score

BSANXT22 – BSI Transformed Anxiety Score

Higher scores reflect more problems on all scales.

Value of new variables:

	N	Mean	Minimum	Maximum	Std. Dev	Unwtd Alpha	Wtd Alpha
BSTOT22	1033	7.3851	0	61	9.7262	.9103	.8861
BSSOM22	1033	2.5015	0	21	3.2113	.7644	.7475
BSDEP22	1033	22.7425	0	24	4.0777	.8339	.8680
BSANX22	1031	2.1297	0	22	3.4021	.9164	.9243
BSTOTT22	1033	1.5595	0	4.13	1.0880	N/A	N/A
BSDEPT22	1033	.8954	0	3.22	.8753	N/A	N/A
BSSOMT22	1033	.9064	0	3.09	.8116	N/A	N/A
BSANXT22	1031	.7471	0	3.14	.8246	N/A	N/A

Scoring based on:

Derogatis, Leonard R. (2000). BSI 18: The Brief Symptom Inventory 18: Administration, Scoring and Procedures Manual. Minneapolis: National Computer Systems, Inc.

HOME ENVIRONMENT – INTERVIEWER OBSERVATIONS (OB)

New variable names: HMCOGA21, HMCOGB21, HMCOGC21, HMCOGD21, STHMCG21

Modules affected: HOME Environment (HO) in Main Adult Survey and HOME Environment B Interviewer Observations (OB) in Main Child Survey

Variables affected: N/A

Description of new variables' purposes: To measure cognitive stimulation within the home environment.

Original values of variables: NA

Description of how new values created, or description of new variables' content: HOME cognitive subscale scores were formed for each age group following standard HOME procedures (Caldwell and Bradley, 1984). The items were first dichotomously scored and the total cognitive subscale score is the sum of the age appropriate questions. If one of the included variables had missing information, the mean of that subject's other items was calculated and added in to create the sum. When more than one item was missing the sum was not calculated.

HMCOGA21 – Main Mom Home Age 2 and Younger Cognitive Subscale Score - W2
The composite items for this scale are qho1a, qho2a, qho3a, qho4a, qho5a, qho6a, qho7a, w2oob3a and w2oob4a.

HMCOGB21 – Main Mom Home Age 3 to 5 Cognitive Subscale Score - W2
The composite items for this scale are qho8a, qho9a, qho10a, qho10aa, qho11a, qho11aa, qho11ba, qho11ca, qho12a, qho13a, w2oob4a, w2oob6a, w2oob7a and w2oob8a.

HMCOGC21 – Main Mom Home Age 6 & 7 Year-Olds Cognitive Subscale Score - W2
The composite items for this scale are qho8a, qho9a, qho10a, qho15a, qho17a, qho18a, qho19a, qho20a, qho21a, qho22a, w2oob4a, w2oob6a, w2oob7a and w2oob8a

HMCOGD21 – Main Mom Home Age 10 and Older Cognitive Subscale Score - W2
The composite items for this scale are qho14a, qho15a, qho17a, qho17ba, qho18a, qho19a, qho20a, qho21a, qho22a, w2oob4a, w2oob6a, w2oob7a and w2oob8a.

STHMCG21 – Standardized HOME cognitive subscale score - W2
Children's raw scores on the cognitive subscale were standardized on a single year of age basis. These were transformed to have a standard score mean of 100 and standard deviation of 15. The newly transformed variables were then collapsed across age groups to create sthmcg21.

Value of new variables:

	N	Mean	Std. Dev.	Minimum	Maximum	Unwtd. Alpha	Wtd. Alpha
HMCOGA21	329	60.89	26.57	3.38	90.00	.3276	.2341
HMCOGB21	646	109.40	20.14	9.69	140.00	.5063	.3604
HMCOGC21	87	91.38	22.41	6.43	130.00	.3635	.5077
HMCOGD21	1008	81.73	25.96	2.17	130.00	.4525	.4024
STHMCG21	2070	100.00	14.96	18.91	130.15	N/A	N/A

Description of program used to create recodes/scales/new variables:

Program Name: HOME Fix Syntax W2.sps

Created by: Heather J. Bachman

Date: 11-02-01

Stored at: Northwestern University; copy sent to Johns Hopkins University

Scores calculated based on:

Caldwell and Bradley, 1984. Home Observation for Measurement of the Environment. Little Rock, Arkansas.