

Child Development Supplement Codebook

Selected Variables from the 1997, 2002, 2007, and 2005-2015, 2017 CDS

From the Survey Research Center at The University of Michigan

Assembled and Programmed by Thomas P. Vartanian

In 1997, the Panel Study of Income Dynamics (PSID) supplemented its core data collection with data on parents and their 0- to 12-year-old children. The objective of this study is to provide researchers with a comprehensive, nationally representative, and longitudinal data base of children and their families with which to study the dynamic process of early human formation. The data collection includes reliable, age graded assessments of the cognitive, behavioral, and health status of 3,563 children obtained from a variety of sources. (Modified from <https://psidonline.isr.umich.edu/Guide/documents.aspx>). In 2002 and 2007, two more rounds of questions were asked of the CDS children and their primary caregivers. Of the 3,563 original children, 2,907 answered questions in 2002, and 2,738 answered in 2007. The PSID has continued to follow these original children in what they call the transition to adulthood study, and some of that information is contained in these data.

From these data, we have put together a data set that contains a great deal of information about children and their primary care givers (usually their mothers) in a relatively easy to use form. In other words, this data has been extensively cleaned and modified so that students can use the data to pose questions and hypotheses and test these hypotheses using this data. From this data, one can help determine what factors affect children's health, behavior, cognitive ability, and a great variety of other factors. For example, you can determine how family circumstances while growing up, such as the mother's emotional state, parental expectations of the child, parental disciplinary practices, whether the child comes from an immigrant family, the level of cognitive stimulation for the child, child's perception of self, family income, perceived neighborhood safety, race, wealth, family composition, welfare receipt, religious practices, and many other variables, affect how children fare. Some of the principle outcome variables for this data include reading and math abilities, both internal and external behavioral problems as well as overall behavioral problems, health issues, including a great variety of problems, and many other possibilities. You may wish to examine if particular types of families use particular types of parenting practices (for example, do parents often praise their child, spank their child, use time outs) and how these parenting practices affect a child's cognitive abilities, sense of self (does the child feel that a lot of things about her/him are good?), and health. When asking these questions and posing particular hypotheses, you will want to control for many of the factors that you believe also affect your outcome variable, not only your principle factor. With the 2002 and 2007 data, you will also be able to assess changes in children over time. For example, how have behavioral scores changed from 1997 to 2007, and what factors may affect these behavioral changes.

Note that there are many variables for what the PSID calls the head of household and the wife. In two parent households, men are considered to be the head of household. In families with only a female parent, the female is considered to be the head of household and there is no wife. Because there is no wife present in female headed families, there are missing values for the "wife" variables. This will mean that if you choose wife variables, you will only have families with two parents in the family because regression analysis (which you'll be doing), excludes cases with missing values. Thus, unless you are truly interested in the actions of wives, you should exclude them from your analysis. I included "wife" variables here for those of you who may be interested in the effects of both wives and single mothers or the effects of only wives on child outcomes. If you are, you'll need to talk to your instructor and this will mean doing quite a bit more programming of the data to get your results. Your instructor will let you know if what you would like to do is possible.

There are two types of data you will see in this data set: 0/1 data (or what are called dummy variables) and interval/ratio scale (I/R) data. 0/1 data is data that has values of either 0 or 1. For example, one variable is named female. If the variable has a value of 1, this means that this individual is a female. If the value for this variable is 0, this means that the person is not a female, or is male. For the race variables, if the variable White is equal to 1, it means that this individual is white. If the value for the variable White is 0, it means the person is not white.

For variables that have a value of either 0 or 1, the mean values for these variables indicate the ratio of individuals with a particular condition. For example, the variable male has a value of either 1 (if the sample member is male) or 0 (if the sample member is female). If the mean value for male is 0.51, this indicates that 51% of the sample are men. If the mean value for the variable high school drop is .44, this indicates that 44% of the sample are high school dropouts. While the textbook states that there is no meaning to the mean of a nominal scale variable, for a variable with a value of 0 or 1, there is meaning to the mean of the variable.

The values for the I/R variables, or interval/ratio scale variables, indicate the actual value for the variable. For example, for the variable Family Size, the value of the variable will be the actual number of individuals within the family. The Age of the Head of Household value will be the actual age of the head of household.

Some variables are measured on a scale, with low or high values indicating more or less of a particular characteristic. Some examples of these include the standardized reading score, the standardized math score, and the behavioral index. Because it is difficult to interpret these scores or levels, I have included the natural log of these scores, which is somewhat easier to interpret. If you use standardized score variables as dependent variables as part of your research paper, talk to your instructor before choosing either the natural log of the variable or the index score.

Note that some of the variables have very low mean values. If the mean for a 0/1 variable is very low (close to 0) or very high (close to 1), this indicates very low variation for the variable. If this is the case, do not use the variable in your research project.

Variable information for the 2002 CDS begins on page 10, and information for the 2007 CDS begins on page 12. We also have information for when the sample children become adults. This information begins on page 18. These variables include potential problem drinking (the number of days in the year drinking 4 or 5 drinks/day), scales for social anxiety, psychological distress, psychological well-being, and other measures. There is a 2017 update on these “transitions to adulthood” variables that has a good number of questions relating to the state of the parents during childhood, such as whether either of the parents had depression, anxiety, and whether they had drug or alcohol problems.

All dollar values are in 2017 dollars (or they have been adjusted for inflation).

For more information on these variables and their construction, go to the Panel Study of Income Dynamics Web site (given above).

Some information on the scaled variables used in the data:

https://psidonline.isr.umich.edu/CDS/cdsiii_userGd.pdf

“Interviewer Observations After the in-home interview, the interviewer recorded observed interactions between the primary caregiver and the child/adolescent and characteristics of the physical environment of the home and neighborhood. Most of these items are replicated from the HOME Scale Short Form, as used in the NLSY79 and can be summarized in terms of cognitive stimulation and emotional support. In CDS-II, we included additional observational items that were not a part of the NLSY79 version but included in the Project on Human Development in Chicago Neighborhoods Study. Observations are fully described in the appendix under the HOME Scale Specifications. These procedures were continued in CDS-III and can now be compared across all three waves. In CDSIII, the interviewer observation data is released separately as part of the PCG-Child, PCG-HH, and Assessment Modules. “

“Woodcock-Johnson Psycho-Educational Battery-Revised (WJ-R) is a well-established and respected measure that provides researchers with information on several dimensions of intellectual ability, including current developmental status, degree of mastery in reading and mathematics, and group standing (either age or grade group). For all three waves of CDS, we selected and used three subtests as a measure of reading and math achievement: the Letter-Word Identification, the Passage Comprehension, and the Applied Problems tests (the Calculation test was additionally administered in CDS-I). These scales can be used individually or combined to create scores for Broad Reading and Broad Math.”

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|--|------------|---|-----------|------|
| 1997 Variables | | | | |
| Family Relationships/Characteristics of the Caregivers | | | | |
| <i>Who is the Primary Caregiver? (Do not use this variable – there is not enough variation)</i> | | | | |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|--|-------------------|----------|------------------|-------------|
| ...Mother | PCGmom | 3563 | 0.96 | 0/1 |
| ...Father | PCGdad | 3563 | 0.03 | 0/1 |
| ...Legal Guardian | PCGlg | 3563 | 0.01 | 0/1 |
| ...Other adult | PCGOthAD | 3563 | 0.00 | 0/1 |
| <i>Who is the Other Caregiver?</i> | | | | |
| ...Father | OCGfath | 3563 | 0.75 | 0/1 |
| ...Mother | OCGMom | 3563 | 0.03 | 0/1 |
| ...No other caregiver | ocgNone | 3563 | 0.19 | 0/1 |
| Nuclear family, with head, wife, and child(ren) | headwife | 3563 | 0.75 | 0/1 |
| Head of household is a female | femhead | 3563 | 0.22 | 0/1 |
| Grandparent is head of household | grandpar | 3563 | 0.05 | 0/1 |
| Biological or adoptive father living with the child | fathliv | 3559 | 0.72 | 0/1 |
| Biological or adoptive mother living with the child | mothliv | 3559 | 0.96 | 0/1 |
| Father figure living with the child | fathfig | 3559 | 0.80 | 0/1 |
| <i>Percentage of child's life the head of household was...</i> | | | | |
| ...Married | permarr | 3559 | .75 (.39) | I/R |
| ...Never married | pernm | 3559 | .12 (.30) | I/R |
| ...Divorced, separated, or widowed | persdw | 3559 | .13 (.28) | I/R |
| Age of head of household | headage | 3563 | 36.68 (8.42) | I/R |
| Age of wife or "wife" | wifeage | 2391 | 34.91 (8.24) | I/R |
| Age of mother at the birth of the child | agebirth | 3026 | 28.08 (5.67) | I/R |
| <i>Education of the Head of Household</i> | | | | |
| Total years of education for the head | finhd | 3399 | 12.68 (3.25) | I/R |
| ...High School Dropout | dropout | 3399 | 0.22 | 0/1 |
| ...High School Graduate | hsg | 3399 | 0.29 | 0/1 |
| ...Completed some college but did not finish | scoll | 3399 | 0.23 | 0/1 |
| ...College graduate | college | 3399 | 0.26 | 0/1 |
| <i>Education of the Wife (Only use these variables if you're examining ONLY two parent families)</i> | | | | |
| Total years of education for wife | finedwf | 2300 | 12.79 (3.44) | I/R |
| ...High School Dropout | dropwf | 2300 | 0.20 | 0/1 |
| ...High School Graduate | gradwf | 2300 | 0.28 | 0/1 |
| ...Completed some college but did not finish | scollwf | 2300 | 0.27 | 0/1 |
| ...College graduate | collwf | 2300 | 0.26 | 0/1 |
| General Information about the Child/Children in the Household | | | | |
| Gender is female | female | 3563 | 0.50 | 0/1 |
| Age of child at 1997 PSID core interview | AGECORE | 3563 | 6.09 (3.64) | I/R |
| Number of children under 18 in the family unit | CHILDCNT | 3563 | 2.42 (1.11) | I/R |
| Number of persons in the family unit | FUSIZE | 3563 | 4.34 (1.27) | I/R |
| <i>Race of the Child</i> | | | | |
| ...White | chwhite | 3555 | 0.46 | 0/1 |
| ...African American | chblack | 3555 | 0.41 | 0/1 |
| ...Hispanic | ChHispanic | 3555 | 0.08 | 0/1 |
| ...Other | Chrceother | 3555 | 0.05 | 0/1 |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|---|-----------------|------|--------------------------|------|
| Birth Country/ Immigration Status | | | | |
| Child born in the USA | bornusa | 3563 | 0.95 | 0/1 |
| New immigrant to the US | NEWIMMI | 3563 | 0.16 | 0/1 |
| Income, Wealth, and Work (for the period before 1997) | | | | |
| Percentage of childhood in poverty | perpov | 3228 | .17 (.30) | I/R |
| Percentage of childhood with AFDC (welfare) income | perwel | 3554 | .09 (.25) | I/R |
| Percentage of childhood with food stamp income | perfs | 3557 | .19 (.35) | I/R |
| Percentage of childhood with AFDC, food stamp, or other welfare income | perPA | 3559 | .20 (.36) | I/R |
| Average family income-to-needs ratio during childhood | avginc | 3228 | 3.15 (2.67) | I/R |
| Is family income currently below the poverty line? | pov | 3563 | 0.18 | 0/1 |
| Avg family yearly hours of work, 1997, 2002, 2007 | Meanhoursofwork | 3559 | 2,667.03 | I/R |
| Wealth of family at the birth of the child, including house | wlthbth2 | 3117 | 137413.50 (546743.60) | I/R |
| Mean family wealth, 1997, 2002, 2007 | Meanwealth | 3477 | 169678.80 | I/R |
| Mean family income, 1997, 2002, 2007 | Meanincome | 3563 | 59,149.26 | I/R |
| Does the head have any disabilities that limit work? | hddisab | 3536 | 0.09 | 0/1 |
| Food Questions | | | | |
| Does the child currently eat breakfast? | breakfst | 3538 | 0.94 | 0/1 |
| Health of the Parents through the Life of the Child | | | | |
| Percentage of years with poor health for the head of household | perprhhd | 3556 | .09 (.24) | I/R |
| Percentage of years with poor health for the wife of the household | perprhwf | 2864 | .07 (.23) | I/R |
| Percentage of years with poor health for either the head or the wife | perprhe | 3556 | .13 (.28) | I/R |
| Percentage of years with good health for the head | pergdhhd | 3556 | .91 (.24) | I/R |
| Percentage of years with good health for the wife | pergdhwf | 2864 | .93 (.23) | I/R |
| Health of the Child, at birth, through life, and currently | | | | |
| Was the birth described as bad compared to other births by the PCG? | hbbirth | 3532 | 0.09 | 0/1 |
| How many times has the child been in the hospital since birth? | timeshos | 3555 | .42 (1.50) | I/R |
| <i>According to PCG, has a doctor or health professional ever said that the child had...</i> | | | | |
| ...Asthma? | asthma | 3553 | 0.10 | 0/1 |
| ...More than 3 ear infections in a year? | ear | 3550 | 0.30 | 0/1 |
| ...Speech impairment or delay? | speech | 3555 | 0.08 | 0/1 |
| ...Anemia or an iron deficiency? | anemia | 3554 | 0.06 | 0/1 |
| ...Hyperactivity, ADHD, or ADD? | hyper | 3548 | 0.05 | 0/1 |
| ...Any other problems? | other | 3427 | 0.07 | 0/1 |
| Is the child currently in good or excellent health? | exgdhl | 3540 | 0.84 | 0/1 |
| On a scale from 1 to 5, with 5 being excellent, what is the current health status of the child? | hlthind | 3540 | 4.34 (.81) | I/R |
| Child height | height | 3262 | 46.26 (11.00) | I/R |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|---|-------------------|----------|------------------|-------------|
| Child weight or estimated weight | chwgght | 3471 | 58.32 (31.50) | I/R |
| Health Insurance/ Costs for the Child | | | | |
| Has the child had health insurance for the past 12 months? | insuranc | 3555 | 0.83 | 0/1 |
| Health care costs for the child over the last 12 mths | chltcost | 3521 | 146.95 (739.66) | I/R |
| Were all, some, or none of the medical expenses related to the pregnancy or delivery of the child covered by private health insurance? | privins | 3563 | 0.46 | 0/1 |
| Did Medicaid pay for any of these medical bills? | medipaid | 3563 | 0.25 | 0/1 |
| Birth/ Birthweight Questions | | | | |
| Birth weight, in ounces | bweight | 3428 | 118.61 (21.75) | I/R |
| Was the child low birth weight (under 5 1/2 lbs)? | lowwt | 3428 | 0.07 | 0/1 |
| Was the child born before the due date? | prematur | 3563 | 0.44 | 0/1 |
| How many days before the due date was the child born? | daysprem | 1585 | 14.35 (15.82) | I/R |
| Was the child born more than 30 days before the due date? | vryearly | 3463 | 0.05 | 0/1 |
| Was the child born after the due date? | afterdue | 3563 | 0.34 | 0/1 |
| How many days past the due date was the child born? | dayspast | 1160 | 8.83 (6.30) | I/R |
| Was the child born on time? | ontime | 3563 | 0.20 | 0/1 |
| At birth, was the child placed in a neonatal intensive care unit or transitional nursery? | neonatal | 3563 | 0.11 | 0/1 |
| Was the child breast fed? | breastfd | 3563 | 0.26 | 0/1 |
| How many months old was the child when last breast fed? | monthsBF | 1515 | 6.64 (7.47) | I/R |
| The Primary Caregiver's Educational Expectations of the Child | | | | |
| Less than High School, HS degree, or vocational training | expect1 | 3484 | 0.19 | 0/1 |
| Some college but no 4 year degree | expect2 | 3484 | 0.10 | 0/1 |
| At least a 4 year college degree | expect3 | 3484 | 0.71 | 0/1 |
| Disciplining the Child/ Rules/ Aggression (for ages 5/6 to age 12) | | | | |
| Has the child ever been spanked? | spanked | 3553 | 0.76 | 0/1 |
| Do the parents either take time outs or talk with their children when having problems? | talkout | 2758 | 0.87 | 0/1 |
| How many times in the past week have you spanked the child? | numspank | 1941 | .15 (.82) | I/R |
| How many times in the past week have you grounded the child? | numgrnd | 1938 | .40 (1.05) | I/R |
| How many times in the past week have you praised the child for doing something worthwhile? | numprais | 1912 | 6.24 (10.04) | I/R |
| How many times in the past week have you shown the child physical affection (kiss, hug, stroke hair, etc.)? | numphsaf | 1864 | 13.00 (20.49) | I/R |
| How many times in the past week have you told another adult (spouse, friend, coworker, visitor, relative) something positive about the child? | numspkps | 1909 | 4.43 (8.70) | I/R |
| How many months old was the child when he/she was first spanked? | agespank | 2750 | 31.40 (19.03) | I/R |
| <i>If the child hit or was angry with you, you would...</i> | | | | |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|--|------------|------|-------------|------|
| ...Spank | spank | 2757 | 0.18 | 0/1 |
| ...Send him/her to room | sendroom | 2758 | 0.35 | 0/1 |
| ...Ignore him/her | ignore | 2758 | 0.11 | 0/1 |
| ...Decrease his/her allowance | allowanc | 2757 | 0.06 | 0/1 |
| ...Talk to the child | talk | 2758 | 0.80 | 0/1 |
| ...Give him/her a timeout | timeout | 2758 | 0.38 | 0/1 |
| Other Parenting/ Discipline/ Family Practice Issues | | | | |
| Do family members calmly discuss issues? | calmdisc | 2174 | 0.52 | 0/1 |
| Do family members criticize each other a lot? | criticiz | 2162 | 0.26 | 0/1 |
| Are rules stricly enforced? | strkrule | 2165 | 0.64 | 0/1 |
| Do family members hit each other? | famhit | 2172 | 0.12 | 0/1 |
| Parenting Issues | | | | |
| Family has lots of rules | lotrules | 2181 | 0.48 | 0/1 |
| Number of hours per day TV is on at home | TVhours | 2080 | 5.38 (3.76) | I/R |
| Is taking care of your child more work than pleasure? | toohard | 2199 | 0.10 | 0/1 |
| Must meet <u>any</u> of these 3 criteria: (1) child seems harder to care for than most children; (2) I find myself giving up more of my life to meet the child's needs than I ever expected; (3) I would be doing better in my life without my child | harder | 3544 | 0.20 | 0/1 |
| Is the father involved in taking care of the child? | fathinvo | 2206 | 0.38 | 0/1 |
| What's the most important thing for a child to learn? To obey? | obey | 2187 | 0.17 | 0/1 |
| What's the most important thing for a child to learn? To be able to think for self? | selfthnk | 2187 | 0.58 | 0/1 |
| Is it important for children to learn to tolerate differences? | toldiff | 2188 | 0.86 | 0/1 |
| <i>Does the PCG agree with the following statements:</i> | | | | |
| ...Most important decisions should be made by the man in the household | mandecid | 2195 | 0.17 | 0/1 |
| ...An Employed mom can have as warm and secure a relationship with kids as an unemployed mom | empmom | 2179 | 0.81 | 0/1 |
| ...Parents should encourage as much independence in daughters as they do in sons | inddaugh | 2187 | 0.94 | 0/1 |
| ...Husbands and wives who both work should share household tasks | shartask | 2199 | 0.97 | 0/1 |
| Neighborhood Variables | | | | |
| Do you consider the neighborhood safe? | safe | 2206 | 0.90 | 0/1 |
| Do you consider the neighborhood dangerous? | danger | 2206 | 0.10 | 0/1 |
| Do you live in a mostly white neighborhood? | whitnbhd | 2160 | 0.73 | 0/1 |
| Do you live in a mostly African American neighborhood? | blacnbhd | 1742 | 0.03 | 0/1 |
| Religious Practices for the Child | | | | |
| <i>The child attends religious services...</i> | | | | |
| ...More than once a week | vryrelg | 2203 | 0.11 | 0/1 |
| ...Once a week | lotsrelg | 2203 | 0.31 | 0/1 |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|--|------------|------|-----------|------|
| ...Less than once a week - once in a while | somere1g | 2203 | 0.40 | 0/1 |
| ...Never | norelig | 2203 | 0.18 | 0/1 |
| Emotional State of the PCG | | | | |
| ...Feel tired for no reason? | ptired | 2198 | 0.09 | 0/1 |
| ...Feel nervous? | pnervous | 2205 | 0.05 | 0/1 |
| ...Feel so nervous couldn't be calmed? | pnervou2 | 2200 | 0.01 | 0/1 |
| ...Feel hopeless? | phopeles | 2196 | 0.01 | 0/1 |
| ...Feel restless/fidgety? | pfidget | 2193 | 0.03 | 0/1 |
| ...Feel so restless you couldn't sit still? | pfidget2 | 2143 | 0.02 | 0/1 |
| ...Feel depressed? | pdepress | 2198 | 0.04 | 0/1 |
| ...Feel everything is an effort? | peffort | 2197 | 0.06 | 0/1 |
| ...Feel worthless? | pworthle | 2194 | 0.01 | 0/1 |
| ...Feel so sad could not be cheered? | psad | 2196 | 0.02 | 0/1 |
| Does the PCG have any of these conditions listed above? | pcgdepre | 2166 | 0.17 | 0/1 |
| Giving and Getting Emotional Support for the PCG | | | | |
| In the past month, have you received any emotional or moral support such as advice or encouragement from friends or relatives? | emsuppt | 2186 | 0.72 | 0/1 |
| In the past month, have you provided any emotional or moral support such as advice or encouragement to friends or relatives? | givsupp | 2175 | 0.79 | 0/1 |
| Control Issues for the Primary Caregiver | | | | |
| <i>The PCG was asked the following questions (value of 1 indicates a positive resp.)</i> | | | | |
| ...There is really no way I can solve some of the problems I have | nosolve | 2209 | 0.25 | 0/1 |
| ...Sometimes I feel that I'm being pushed around in life | pushed | 2216 | 0.30 | 0/1 |
| ...I have little control over the things that happen to me | nocontrl | 2208 | 0.15 | 0/1 |
| ...I can do just about anything I really set my mind to | doanythg | 2209 | 0.95 | 0/1 |
| ...I often feel helpless in dealing with the problems in life | helpless | 2206 | 0.18 | 0/1 |
| ...What happens to me in the future depends on me | futurMe | 2200 | 0.91 | 0/1 |
| ...There is little I can do to change many of the important things in my life | helples2 | 2204 | 0.15 | 0/1 |
| If answered yes to all the lack of control questions and no to all the having control questions above | poorcntl | 2204 | 0.57 | 0/1 |
| <i>How did the PCG learn to parent? (List all)</i> | | | | |
| ...From mother? | learnmom | 3549 | 0.84 | 0/1 |
| ...From father? | learndad | 3549 | 0.44 | 0/1 |
| ...From grandmother? | learnmmm | 3549 | 0.34 | 0/1 |
| ...From friend(s)? | learnfrd | 3549 | 0.41 | 0/1 |
| ...From books? | learnbks | 3549 | 0.44 | 0/1 |
| ...From own experience? | learnexp | 3549 | 0.59 | 0/1 |
| ...From school courses? | learnrcs | 3549 | 0.32 | 0/1 |
| ...From TV? | learntvs | 3549 | 0.21 | 0/1 |
| ...From trial and error? | learntae | 3549 | 0.68 | 0/1 |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|---|-------------------|----------|------------------|-------------|
| ...From other sources? | learnoth | 3545 | 0.14 | 0/1 |
| ...From any of the above? | learnprt | 3549 | 0.98 | 0/1 |
| Took a parenting class before the birth of the child | pclassbb | 3537 | 0.18 | 0/1 |
| Took a parenting class soon after the birth of the child | pclassab | 3537 | 0.04 | 0/1 |
| Never took a parenting class | neverpc | 3538 | 0.73 | 0/1 |
| Assessment of the Child by the Primary Caregiver (these are from 1997, 2002, and 2007) | | | | |
| <i>The child often or sometimes has the following conditions (1=yes)</i> | | | | |
| ...Mood swings | moodswing | 3477 | 0.82 | 0/1 |
| ...Feels no love | feelsnolove | 3478 | 0.37 | 0/1 |
| ...Feels high strung/ tense | highstrung | 3476 | 0.44 | 0/1 |
| ...Lies/ cheats | liesandcheats | 3478 | 0.52 | 0/1 |
| ...Feels fearful | fearfulchild | 3473 | 0.49 | 0/1 |
| ...Argues | argueschild | 3478 | 0.73 | 0/1 |
| ...Has difficulty paying concentrating - cannot pay attention for long | payattention | 3477 | 0.55 | 0/1 |
| ...Is easily confused | easilyconfused | 3477 | 0.32 | 0/1 |
| ...Is disobedient | disobedient | | | 0/1 |
| ...Feels no regret | feelsnoregret | 3477 | 0.43 | 0/1 |
| ...Has trouble getting along with others | troublegetalong | 3477 | 0.26 | 0/1 |
| ...Is impulsive | feelsimpulsive | 3477 | 0.58 | 0/1 |
| ...Feels worthless | feelsworthless | 3471 | 0.24 | 0/1 |
| ...Is unliked by others | unlikedbyothers | 3477 | 0.21 | 0/1 |
| ...Has obsessions | obsessive | 3475 | 0.50 | 0/1 |
| ...Feels restless/ overactive | overactive | 3473 | 0.52 | 0/1 |
| ...Is strong tempered | strongtempered | 3478 | 0.52 | 0/1 |
| ...Feels unhappy/ sad | feelsunhappy | 3478 | 0.31 | 0/1 |
| ...Is withdrawn | withdrawn | 3477 | 0.20 | 0/1 |
| ...Destroys things deliberately | destroysthings | 3473 | 0.16 | 0/1 |
| ...Clings to adults | clingstoadults | 3478 | 0.52 | 0/1 |
| ...Cries too much | criestoomuch | 3478 | 0.28 | 0/1 |
| ...Demands attention | demandsattention | 3477 | 0.62 | 0/1 |
| ...Is too dependent upon others | dependentonothers | 3476 | 0.33 | 0/1 |
| ...Is paranoid | feelsparanoid | 3477 | 0.16 | 0/1 |
| ...Hangs around trouble | hangsbytrouble | 3477 | 0.24 | 0/1 |
| ...Is secretive | secretive | 3478 | 0.49 | 0/1 |
| ...Worries too much | worriestoomuch | 3477 | 0.50 | 0/1 |
| Has the child ever seen an MD about an emotional or behavioral problem? | mentprob | 3554 | 0.09 | 0/1 |
| The Level of Support or Stimulation in the Home for the Child | | | | |
| The Home Emotional Support Subscale (higher values mean more emotional support) | EMSCALE1 | 3563 | 9.70 (2.13) | I/R |
| The log of the home emotional support subscale | logemot | 3563 | 2.25 (.23) | I/R |
| The home cognitive stimulation subscale (higher values mean more stimulation) | COGSCALE | 3563 | 9.68 (2.27) | I/R |

| Variable Description | Vrble Name | N | Mean (SD) | Type |
|---|------------------|------|--------------|------|
| The log of the home cognitive stimulation subscale | LOGCOG | 3563 | 2.24 (.26) | I/R |
| Test and Behavioral Scores and Self-Perception for the Child (math and reading scores are averaged over all years) | | | | |
| Standardized reading score | Readingscores | 3059 | 178.00 | I/R |
| Log of standardized reading scores | Logreadingscores | | | I/R |
| Standardize math score | Mathscores | 3076 | 171 | I/R |
| Log of standardized math scores | logmathscores | | | |
| External Behavior Problems Index (higher values mean fewer problems) | Q1EXTERN | 2739 | 23.22 (5.82) | I/R |
| The log of the external behavior problems index | logexter | 2739 | 3.12 (.23) | I/R |
| Internal Behavior Problems Index (higher values mean fewer problems) | Q1INTERN | 2756 | 16.49 (4.61) | I/R |
| The log of the internal behavior problems index | loginter | 2756 | 2.77 (.23) | I/R |
| Overall Behavior Problems Index (higher values mean fewer problems) | Q1BPITOT | 2702 | 40.43 (8.36) | I/R |
| The log of the overall behavior problems index | logbehpr | 2702 | 3.68 (.19) | I/R |
| <i>Child's perception of self: 1=yes, 0=no. These questions were asked of the child.</i> | | | | |
| ... I do a lot of important things | importan | 1073 | 0.58 | 0/1 |
| ...I like the way I am | wayIam | 1074 | 0.84 | 0/1 |
| ...I have a lot to be proud of | Proudoof | 1074 | 0.82 | 0/1 |
| ...can do things as well as others | Aswellas | 1074 | 0.69 | 0/1 |
| ...A lot of things about me are good | Imgood | 1074 | 0.76 | 0/1 |
| ...am as good as most other people | asgoodas | 1074 | 0.72 | 0/1 |
| ... Other people think I am good | Imgood2 | 1073 | 0.74 | 0/1 |
| ...When do something, do it well | doitwell | 1074 | 0.70 | 0/1 |
| <i>Friends for the child</i> | | | | |
| Number of close friends for the child | friends | 2766 | 4.50 (4.93) | I/R |
| Weight | | | | |
| Weight to make the sample representative of the U.S. population (use this if you're only using 1997 variables). | WEIGHT | 3563 | 1.74 (1.08) | I/R |

2002 Variables

| Variable Description, 2002 | Variable Name | N | Mean (SD) | Type |
|---|---------------|------|-----------|------|
| Family Relationships/Characteristics of the Caregivers | | | | |
| <i>Who is the Primary Caregiver?</i> | | | | |
| ...Mother | pcgmom02 | 3563 | 0.91 | 0/1 |
| ...Father | pcgdad02 | 3563 | 0.05 | 0/1 |
| ...Other adult | pcgoth02 | 3563 | 0.03 | 0/1 |
| <i>Who is the Other Caregiver?</i> | | | | |
| ...Mother | ocgmom02 | 3563 | 0.03 | 0/1 |
| ...Father | ocgdad02 | 3563 | 0.68 | 0/1 |
| ...Other adult | ocgoth02 | 3563 | 0.06 | 0/1 |
| Is there a wife or "wife" in the family unit? | wifefam02 | 3356 | 0.76 | 0/1 |
| Is the head of household a female? | femhd02 | 3356 | 0.21 | 0/1 |

| Variable Description, 2002 | Variable Name | N | Mean (SD) | Type |
|---|----------------------|----------|------------------------|-------------|
| <i>Education of the Head and Wife of Household</i> | | | | |
| Head years of education | finedhd01 | 3149 | 12.90 (3.06) | I/R |
| Wife years of education | finedwf01 | 2101 | 13.05 (3.16) | I/R |
| General Information about the Child/Children in the Household | | | | |
| Child age at time of PCG Interview | Q21IWAGE | 2907 | 12.32 (3.72) | I/R |
| Child age at assessment (in months) | Q24IWAGE | 2644 | 147.65 (44.58) | I/R |
| Number of children under 18 in the family unit | childcnt02 | 3356 | 2.38 (1.14) | I/R |
| Size of the family unit | fusize02 | 3356 | 4.40 (1.34) | I/R |
| Income, Wealth, and Work | | | | |
| Total family income in 2000 | incfam01 | 3356 | 67442.05 (83446) | I/R |
| Head Yearly Labor Income | hdlab01 | 3356 | 59171.82 (80932.72) | I/R |
| Wife Yearly Labor Income | wflab01 | 2249 | 29062.75 (40211.60) | I/R |
| Current weekly hours of work for the head (2000) | HDAVG01 | 3356 | 42.07 (15.14) | I/R |
| Current weekly hours of work for the wife (2000) | WFAVG01 | 2249 | 27.31 (20.24) | I/R |
| Health of Child, at birth, through life, and currently | | | | |
| <i>PCG reports child health as...</i> | | | | |
| ...Excellent | chhlex02 | 2907 | 0.58 | 0/1 |
| ...Very good or good | chhlgd02 | 2907 | 0.40 | 0/1 |
| ...Fair or poor | chhlfrpr02 | 2907 | 0.03 | 0/1 |
| Child Body Mass Index (BMI) | BMI02 | 2617 | 21.08 (5.62) | I/R |
| BMI less than 5th percentile (underweight) | undwgt02 | 2617 | 0.03 | 0/1 |
| BMI greater than 85th percentile (overweight) | overwgt02 | 2617 | 0.34 | 0/1 |
| BMI greater than 95th percentile (very overweight) | extovwgt02 | 2617 | 0.18 | 0/1 |
| Education of Child | | | | |
| Number of times child has changed schools | schchange | 2774 | .07 (.31) | I/R |
| Child dropped out of school | dropout02 | 1495 | 0.02 | 0/1 |
| Child in school | school | 2907 | 0.96 | 0/1 |
| Child attends private school | prvsch02 | 2771 | 0.08 | 0/1 |
| Child attends public school | pubsch02 | 2771 | 0.90 | 0/1 |
| Child taught at home | homsch02 | 2771 | 0.02 | 0/1 |
| Child spent some time in gifted program | gifted02 | 2808 | 0.27 | 0/1 |
| Child spent some time in special education program | spced02 | 2770 | 0.12 | 0/1 |
| Child received early intervention services. | ei02 | 937 | 0.23 | 0/1 |
| Disciplining the Child/ Rules/ Aggression | | | | |
| <i>If the child hit or was angry with you, you would...</i> | | | | |
| ...Spank | spank02 | 2904 | 0.72 | 0/1 |
| How many months old was the child when he/she was first spanked? | agespnk02 | 2192 | 38.98 (24.07) | I/R |
| How many times in the past week have you told another adult (spouse, friend, coworker, visitor, relative) something positive about the child? | numspkps02 | 2907 | 2.72 (3.63) | I/R |
| How many times in the past week have you shown the child physical affection (kiss, hug, stroke hair, etc.)? | numphsaf02 | 2907 | 5.11 (6.57) | I/R |

| Variable Description, 2002 | Variable Name | N | Mean (SD) | Type |
|--|----------------------|----------|------------------|-------------|
| How many times in the past week have you praised the child for doing something worthwhile? | numprais02 | 2907 | 2.81 (3.50) | I/R |
| How many times in the past week have you grounded the child? | numgrnd02 | 2907 | .18 (.67) | I/R |
| How many times in the past week have you spanked the child? | numspank02 | 2907 | .04 (.33) | I/R |
| Do the parents either take time outs or talk with their children when having problems? | talkout02 | 2907 | 0.65 | 0/1 |
| Other Parenting/ Discipline/ Family Practice Issues | | | | |
| Do family members criticize each other a lot? | criticiz02 | 1973 | 0.25 | 0/1 |
| Do family members hit each other? | famhit02 | 1973 | 0.11 | 0/1 |
| Do family members calmly discuss issues? | calmdisc02 | 1972 | 0.46 | 0/1 |
| <i>How often does the PCG report talking to child about sub abuse in past month?</i> | | | | |
| ...More than once per week | suboft02 | 1947 | 0.23 | 0/1 |
| ...Between one time per week and one time per month | subsome02 | 1947 | 0.55 | 0/1 |
| ...Not in the past month | subnev02 | 1947 | 0.22 | 0/1 |
| <i>How often does the PCG report talking to child about sex in past month?</i> | | | | |
| ...More than once per week | sexoft02 | 1944 | 0.24 | 0/1 |
| ...Between one time per week and one time per month | sexsome02 | 1944 | 0.53 | 0/1 |
| ...Not in the past month | sexnev02 | 1944 | 0.22 | 0/1 |
| Parenting Disagreement Scale | DISAGR02 | 1968 | 1.84 (.55) | I/R |
| The log of Parental Disagreement Scale | logdisag02 | 1968 | .57 (.30) | I/R |
| Aggravation in Parenting Scale | PARENT02 | 2889 | 2.27 (.79) | I/R |
| The log of the Parental Aggravation Scale | logpar02 | 2889 | .76 (.36) | I/R |
| Parental Warmth Scale | WARMTH02 | 2906 | 3.91 (.65) | I/R |
| The log of the Parental Warmth Scale | logwmth02 | 2906 | 1.35 (.19) | I/R |
| Religious Practices for the Child | | | | |
| Child rated religion as very important | relvimp02 | 2888 | 0.70 | 0/1 |
| Child rated spirituality as very important | spirvimp02 | 2887 | 0.76 | 0/1 |
| Test and Behavioral Scores and Self-Perception for the Child | | | | |
| Rosenberg Self-Esteem Scale: Parent | SLFEST02 | 2907 | 3.42 (.57) | I/R |
| The log of the Rosenberg Self-Esteem Scale | logest02 | 2907 | 1.22 (.15) | I/R |
| Pearlin Self-Efficacy Scale: Parent | PEARLN02 | 2885 | 3.10 (.59) | I/R |
| The log of the Pearlin Self-Efficacy Scale | logpearl02 | 2885 | 1.11 (.21) | I/R |
| Positive Behaviors Scale: Child | POSBEH02 | 2905 | 4.11 (.61) | I/R |
| The log of the Positive Behaviors Scale | logposbeh02 | 2905 | 1.40 (.17) | I/R |
| Internal Behavior Problems Index | BPI_N02 | 2906 | 3.34 (3.25) | I/R |
| The log of the internal BPI | logintern02 | 2254 | 1.16 (.79) | I/R |
| External Behavior Problems Index | BPI_E02 | 2906 | 5.66 (4.16) | I/R |
| The log of the external BPI | logextern02 | 2678 | 1.57 (.77) | I/R |
| Overall Behavior Problems Index | BPI_T02 | 2907 | 9.47 (6.90) | I/R |
| The log of the overall BPI | logbpi02 | 2778 | 2.00 (.85) | I/R |
| Sex and Drug Use Patterns for Child | | | | |
| Ever had intercourse | sex02 | 1283 | 0.27 | 0/1 |
| <i>How often adolescent reports using condoms...</i> | | | | |
| ...Always | condem02 | 432 | 0.51 | 0/1 |
| ...Sometimes | somcond02 | 432 | 0.40 | 0/1 |
| ...Never | nocondem02 | 432 | 0.09 | 0/1 |

| Variable Description, 2002 | Variable Name | N | Mean (SD) | Type |
|--|----------------------|----------|------------------|-------------|
| Does the female adolescent report ever using the pill? | pill02 | 220 | 0.48 | 0/1 |
| Does the adolescent report being pregnant or having a partner become pregnant? | preg02 | 436 | 0.12 | 0/1 |
| Has the adolescent reported ever using an inhalant? | inhal02 | 1297 | 0.02 | 0/1 |
| Has the adolescent reported ever using marijuana? | marij02 | 1293 | 0.21 | 0/1 |
| Age first used marijuana | agemarij02 | 287 | 14.00 (2.00) | I/R |
| Age first drank | agedrnk02 | 349 | 14.01 (2.17) | I/R |
| <i>Frequency of drinking behavior as reported by child...</i> | | | | |
| ...Never | drnknev02 | 571 | 0.19 | 0/1 |
| ...Rarely | drnkrar02 | 571 | 0.67 | 0/1 |
| ...Once or more per week | drnkwky02 | 571 | 0.12 | 0/1 |
| ...Daily | drnkdly02 | 571 | 0.03 | 0/1 |
| <i>Frequency of being drunk as reported by child...</i> | | | | |
| ...Never | drunknev02 | 206 | 0.12 | 0/1 |
| ...Rarely | drunkrar02 | 206 | 0.71 | 0/1 |
| ...Once or more per week | drunkwky02 | 206 | 0.13 | 0/1 |
| ...Daily | drunkdly02 | 206 | 0.05 | 0/1 |
| Has the adolescent ever smoked regularly? | smoked02 | 484 | 0.32 | 0/1 |
| Age first smoked | agesmk02 | 138 | 13.45 (2.73) | I/R |
| Weight | | | | |
| Weight to make the sample representative of the U.S. population (use if using 2002 variables but not 2007 variables) | WEIGHT02 | 2907 | 1.69 (.95) | I/R |

| Variable Description, 2007 | Variable Name | N | Mean (SD) | Type |
|--|----------------------|----------|------------------|-------------|
| Male head of household | malehead07 | 2738 | 0.64 | 0/1 |
| Female head of household | femalehead07 | 2738 | 0.36 | 0/1 |
| Age of the child | kidage | 2738 | 16.74 (3.37) | I/R |
| Age of the mother | agemom07 | 2648 | 42.61 (6.99) | I/R |
| Age of the father (notice not all have a father) | agedad07 | 2125 | 45.74 (7.57) | 0/1 |
| Are the parents married? | married07 | 2738 | 0.55 | 0/1 |
| Size of the family | famsiz07 | 2738 | 3.75 (1.47) | I/R |
| Number of children in the family | k07 | 2738 | 1.62 (1.30) | I/R |
| Age of the youngest child in the family | y07 | 2738 | 7.80 (5.97) | I/R |
| Birth order for this child | birthord07 | 2640 | 1.98 (1.09) | I/R |
| Is the PCG never married | nevermarried07 | 2738 | 0.21 | 0/1 |
| Is the PCG widowed? | widow07 | 2738 | 0.03 | 0/1 |
| Is the PCG divorced? | divorced07 | 2738 | 0.15 | 0/1 |
| Is the PCG separated? | separated07 | 2738 | 0.06 | 0/1 |
| Parental Education | | | | |
| Years of education of the head | edhd07 | 2609 | 12.82 (2.58) | I/R |
| Years of education of the wife | edwf07 | 1531 | 13.15 (2.64) | I/R |

| Variable Description, 2007 | Variable Name | N | Mean (SD) | Type |
|--|----------------------|----------|--------------------------|-------------|
| Race of the head and wife | | | | 0/1 |
| White: head | white07 | 2712 | 0.53 | 0/1 |
| African American: head | afam07 | 2712 | 0.41 | 0/1 |
| Other race: head | otherrace07 | 2712 | 0.05 | 0/1 |
| White: wife | whitew07 | 1609 | 0.70 | 0/1 |
| African American: wife | afamw07 | 1609 | 0.23 | 0/1 |
| Other race: wife | otherracew07 | 1609 | 0.07 | 0/1 |
| Area of Residence | | | | |
| 1. SMSA: Largest City 500,000 or More | bigcity07 | 2738 | 0.20 | 0/1 |
| 2. SMSA: Largest City 100,000-499,999 | urban07 | 2738 | 0.26 | 0/1 |
| 3. SMSA: Largest City 50,000-99,999 | suburban07 | 2738 | 0.10 | 0/1 |
| 4. Non-SMSA: Largest City 25,000-49,999 | smallcity07 | 2738 | 0.12 | 0/1 |
| 5. Non-SMSA: Largest City 10,000-24,999 | rural07 | 2738 | 0.14 | 0/1 |
| 6. Non-SMSA: Largest City Under 10,000 | veryrural07 | 2738 | 0.17 | 0/1 |
| <i>Region of the Country</i> | | | | |
| 1. North East | northeast07 | 2738 | 0.12 | 0/1 |
| 2. North Central | northcentral07 | 2738 | 0.26 | 0/1 |
| 3. South | south07 | 2738 | 0.45 | 0/1 |
| 4. West | west07 | 2738 | 0.17 | 0/1 |
| 5. Foreign Country (don't use this variable) | foreign07 | 2738 | 0.00 | 0/1 |
| Income and Wealth Measures | | | | |
| Total family income | fm07 | 2738 | 92230.53 (120771.09) | I/R |
| Family income relative to the poverty line | fmns07 | 2738 | 3.89 (5.68) | I/R |
| Whether in poverty | inpov07 | 2738 | 0.16 | 0/1 |
| Whether income is at or below 150% of the poverty line | inpov1507 | 2738 | 0.26 | 0/1 |
| Whether income is at or below 200% of the poverty line | inpov207 | 2738 | 0.37 | 0/1 |
| Wealth, excluding home value | wlth107 | 2738 | 185080.39 (868628.49) | I/R |
| Wealth including home value | wlth207 | 2738 | 295244.85 (989517.05) | I/R |
| Wages for the head of household | wage07 | 2738 | 21.03 (33.54) | I/R |
| Wages for the wife | wagew07 | 2738 | 8.84 (17.82) | I/R |
| Labor income for all family members | laborincomeall07 | 2738 | 73429.16 (107459.48) | I/R |
| Hours of work for the head | hrshd07 | 2738 | 1863 (973) | I/R |
| Hours of work for the wife | hrswf07 | 1609 | 1328 (926) | I/R |
| Total hours of work for the family | hrswork07 | 2738 | 2871 (1464) | I/R |
| Does the family own their home? 1=yes, 0=no | ownshome07 | 2738 | 0.62 | 0/1 |
| Does the family rent their residence? | rents07 | 2738 | 0.34 | 0/1 |

| Variable Description, 2007 | Variable Name | N | Mean (SD) | Type |
|--|-----------------------|----------|--------------------------|-------------|
| Does the family neither rent nor own their residence? | neitherrentorown07 | 2738 | 0.04 | 0/1 |
| What is the value of the home? | hsval07 | 2678 | 201456.06 (318503.84) | I/R |
| How much do they pay in rent each month? | rentpayment07 | 2720 | 244.62 (432.48) | I/R |
| Does the family live in public housing? | pubhs07 | 2738 | 0.06 | 0/1 |
| Did the family move over the last year? | Moved07 | 2735 | 0.33 | 0/1 |
| Government Transfer Income | | | | |
| TANF income | tanf07 | 2738 | 18.89 (160.68) | I/R |
| Food Stamp income | fs07 | 2716 | 96.22 (325.29) | I/R |
| SSI | ssiall07 | 2738 | 27.23 (324.41) | I/R |
| Social Security income | socsecall07 | 2738 | 799.91 (3889.34) | I/R |
| Other welfare income | otherwelfare07 | 2738 | 18.89 (160.68) | I/R |
| Does the child participate in the school breakfast program | Schoolbreakfast07 | 1550 | 0.32 | 0/1 |
| Does the child participate in the school lunch program? | Schoollunch07 | 1562 | 0.66 | 0/1 |
| Current Parental Health, Head | | | | |
| 1. Excellent | excellenthd07 | 2728 | 0.22 | 0/1 |
| 2. Very Good | verygoodhd07 | 2728 | 0.35 | 0/1 |
| 3. Good | goodhd07 | 2728 | 0.30 | 0/1 |
| 4. Fair | fairhd07 | 2728 | 0.11 | 0/1 |
| 5. Poor | poorhd07 | 2728 | 0.02 | 0/1 |
| Current Parental Health, Wife | | | | |
| 1. Excellent | excellentwf07 | 1605 | 0.22 | 0/1 |
| 2. Very Good | verygoodwf07 | 1605 | 0.33 | 0/1 |
| 3. Good | goodwf07 | 1605 | 0.33 | 0/1 |
| 4. Fair | fairwf07 | 1605 | 0.08 | 0/1 |
| 5. Poor | poorwf07 | 1605 | 0.03 | 0/1 |
| Health conditions for either parent | | | | |
| Asthma | asthmaall07 | 2736 | 0.14 | 0/1 |
| Stroke | strokeall07 | 2736 | 0.03 | 0/1 |
| Heart attack | heartattackall07 | 2736 | 0.03 | 0/1 |
| Heart Disease | heartdiseaseall07 | 2736 | 0.04 | 0/1 |
| Hypertension | hypertensionall07 | 2736 | 0.35 | 0/1 |
| Lung disease | lungall07 | 2736 | 0.05 | 0/1 |
| Diabetes | diabetesall07 | 2736 | 0.11 | 0/1 |
| Arthritis | arthritisall07 | 2736 | 0.16 | 0/1 |
| Memory loss | memorylossall07 | 2736 | 0.02 | 0/1 |
| Learning disorder | learningdisorderall07 | 2736 | 0.03 | 0/1 |
| Cancer | cancerall07 | 2736 | 0.06 | 0/1 |

| Variable Description, 2007 | Variable Name | N | Mean (SD) | Type |
|---|----------------------|----------|------------------|-------------|
| Psychiatric disorder | psychall07 | 2736 | 0.10 | 0/1 |
| Body Mass Index for Parents | | | | |
| BMI for the head | bmihead07 | 2724 | 30.47 (16.78) | I/R |
| BMI for the wife | bmiwife07 | 1576 | 33.64 (6.43) | I/R |
| Health for the Child | | | | |
| 1. Excellent | excellentkid07 | 2723 | 0.41 | 0/1 |
| 2. Very Good | verygoodkid07 | 2723 | 0.35 | 0/1 |
| 3. Good | goodkid07 | 2723 | 0.19 | 0/1 |
| 4. Fair | fairkid07 | 2723 | 0.05 | 0/1 |
| 5. Poor | poorkid07 | 2723 | 0.00 | 0/1 |
| BMI and Food for Child | | | | |
| BMI for child | bmi07 | 2443 | 24.31 (5.91) | I/R |
| Times per day eating fresh fruit, applesauce, canned fruit, frozen fruit, or dried fruit | freshfruit07 | 1472 | 1.25 (1.08) | I/R |
| Times per day eating sweets – such as candy, ice cream, cookies, cakes, brownies, or other sweets | sweets07 | 1473 | 1.01 (.98) | I/R |
| Times per day eating non-100% fruit juice – soda pop, sports drinks, fruit-flavored drinks | soda07 | 1475 | 1.25 (1.12) | I/R |
| Times per day eating fast-food – McDonald's, Pizza Hut, Kentucky Fried Chicken, Taco Bell, or Burger King | fastfood07 | 1474 | .57 (.80) | I/R |
| Times per day eating salty snacks – including potato chips, Cheetos, pretzels, popcorn, and crackers | saltysnacks07 | 1470 | .87 (.90) | I/R |
| Amount of money spent on fast food in the past week. | spentonfastfood07 | 1159 | 5.92 (21.33) | I/R |
| Eat breakfast? | eatbreakfast07 | 1603 | .83 | 0/1 |
| Eat breakfast meat? | eatbreakfastmeat07 | 1486 | .29 | 0/1 |
| Eat breakfast eggs? | eatbreakfasteggs07 | 1486 | .28 | 0/1 |
| Eat breakfast cereal? | eatbreakfastcereal07 | 1486 | .39 | 0/1 |
| Child Education | | | | |
| Grade in School (for those under 18) | Schoolyear07 | 1608 | 8.41 (2.41) | I/R |
| Hours per day doing homework (under 18) | hrshomework07 | 1452 | 1.61 (1.43) | I/R |
| In a gifted education program | giftedprogram07 | 1580 | 0.34 | 0/1 |
| In a special education program | specialed07 | 1580 | 0.34 | 0/1 |
| Has been suspended or expelled. | suspendexpelled07 | 1582 | 0.19 | 0/1 |
| Child often or sometimes has trouble with teachers | teachtrouble07 | 1607 | 0.13 | 0/1 |
| Child often or sometimes disobedient at school | disobatschool07 | 1607 | 0.14 | 0/1 |
| Discussion of school with parents | | | | |
| Never Discuss school with parents | neverdiscusschool07 | 1582 | 0.02 | 0/1 |
| Once or twice in the past 12 months | littlediscusschool07 | 1582 | 0.01 | 0/1 |
| A few times in the past 12 months | somediscusschool07 | 1582 | 0.04 | 0/1 |
| About once a week | weeklydiscusschool07 | 1582 | 0.14 | 0/1 |

| Variable Description, 2007 | Variable Name | N | Mean (SD) | Type |
|--|---------------------------|----------|------------------|-------------|
| More than once a week | almostdailydiscusschool07 | 1582 | 0.26 | 0/1 |
| Every day | dailydiscusschool07 | 1582 | 0.53 | 0/1 |
| Behavioral problems Indexes (BPI) , self-esteem, other scales | | | | |
| Positive behaviors scale | Posbeh07 | 1608 | 4.14 (.59) | I/R |
| BPI - TOTAL SCORE 07 | BPI_T07 | 1592 | 7.93 (6.61) | I/R |
| BPI - EXTERNALIZING SCORE 07 | bpi_e07 | 1601 | 5.24 (4.18) | I/R |
| BPI - INTERNALIZING SCORE 07 | bpi_n07 | 1598 | 2.83 (3.19) | I/R |
| AGGRAVATION IN PARENTING SCALE 07 | parent07 | 1253 | 2.39 (.80) | I/R |
| PEARLIN SELF-EFFICACY SCALE 07 (PCG) | pearln07 | 1251 | 3.08 (.59) | I/R |
| ROSENBERG SELF-ESTEEM SCALE 07 (PCG) | slfest07 | 1252 | 3.43 (.44) | I/R |
| HOME COG STIMULATION 10+ YRS 07 | CG3_07 | 1608 | .56 (.17) | I/R |
| PEER BULLYING 07 – have been the recipient of bullying behavior. | bully07 | 1505 | 1.34 (.59) | I/R |
| Parental Warmth Scale | parentalwarmth07 | 1608 | 3.83 (.71) | I/R |
| Log values for scaled variables | | | | |
| Log of Positive behaviors scale | logposbeh07 | 1607 | 1.41 (.12) | I/R |
| Log of BPI - TOTAL SCORE 07 | logbpi07 | 1429 | 1.86 (.67) | I/R |
| Log of BPI - EXTERNALIZING SCORE 07 | logext07 | 2738 | .77 (.71) | I/R |
| Log of BPI - INTERNALIZING SCORE 07 | logint07 | 2738 | .50 (.56) | I/R |
| Log of AGGRAVATION IN PARENTING SCALE 07 | logpar07 | 1253 | .79 (.26) | I/R |
| Log of PEARLIN SELF-EFFICACY SCALE 07 (PCG) | logper07 | 1251 | 1.11 (.15) | I/R |
| Log of ROSENBERG SELF-ESTEEM SCALE 07 (PCG) | logest07 | 1252 | 1.22 (.10) | I/R |
| Log of HOME COG STIMULATION 10+ YRS 07 | logcg307 | 1608 | -.61 (.28) | I/R |
| Log of PEER BULLYING 07 | logbul07 | 1505 | .23 (.24) | I/R |
| Log of Parental Warmth Scale | logpwar07 | 1608 | 1.33 (.15) | I/R |
| Child Characteristics | | | | |
| Does the child have friends in gangs? | friendsingangs07 | 1476 | 0.18 | 0/1 |
| Does the child dislike self? | dislikesself07 | 1212 | 0.09 | 0/1 |
| Does the child feel alone? | feelsalone07 | 1209 | 0.20 | 0/1 |
| GLOBAL SELF CONCEPT 07 | GLBCN07 | 1480 | 4.08 (.63) | I/R |
| SOCIAL INITIATIVE 07 | SOCINT07 | 1196 | 3.54 (1.25) | I/R |
| PSYCHOLOGICAL WELL-BEING 07 | PWB07 | 1195 | 4.74 (1.05) | I/R |
| CONTINUOUS MEASURE OF FLOURISHING 07 | CONFL07 | 1175 | 13.35 (2.82) | I/R |
| Log of Scaled Variables | | | | |
| Log of GLOBAL SELF CONCEPT 07 | logsel07 | 1480 | 1.38 (.16) | I/R |
| Log of SOCIAL INITIATIVE 07 | logsoc07 | 1196 | 1.19 (.40) | I/R |
| Log of PSYCHOLOGICAL WELL-BEING 07 | logpsy07 | 1195 | 1.52 (.27) | I/R |
| Log of CONTINUOUS MEASURE OF FLOURISHING 07 | logflo07 | 1175 | 2.57 (.23) | I/R |

| Variable Description, 2007 | Variable Name | N | Mean (SD) | Type |
|--|----------------------|----------|------------------|-------------|
| Parental Educational Expectations for the child | | | | |
| Leave high school before graduation | expect107 | 1587 | 0.01 | 0/1 |
| Graduate from high school | expect207 | 1587 | 0.18 | 0/1 |
| Graduate from a two-year community college | expect307 | 1587 | 0.02 | 0/1 |
| Graduate from a vocational school, such as beauty school | expect407 | 1587 | 0.05 | 0/1 |
| Attend a 4-year college | expect507 | 1587 | 0.11 | 0/1 |
| Graduate from a 4-year college | expect607 | 1587 | 0.50 | 0/1 |
| Get more than 4 years of college | expect707 | 1587 | 0.09 | 0/1 |
| Drinking, smoking, parents | | | | |
| Does either parent smoke? | smokesall07 | 2732 | .26 | 0/1 |
| Number of cigarettes pr day | cigspersdayall07 | 2738 | 3.70 | 0/1 |
| Does either parent drink alcohol? | drinks07 | 2728 | 0.65 | 0/1 |
| Number of drinks per day | drinksperdayall07 | 2738 | 2.38 | 0/1 |
| Drinking, smoking, other drugs Child | | | | |
| Has the child ever smoked? | eversmoke07 | 2048 | 0.22 | 0/1 |
| Has the child ever drank alcohol? | everdrank07 | 2322 | 0.53 | 0/1 |
| Has the child ever been drunk? | everdrunk | 1427 | 0.12 | 0/1 |
| How many days drunk per month? | daysdrunk07 | 1506 | 0.52 | 0/1 |
| Has the child ever smoked marijuana | marijuana07 | 2326 | 0.32 | 0/1 |
| Taken prescription drugs w/o doctors prescription | preswodoc07 | 1214 | 0.09 | 0/1 |
| Sexual Activity, Child | | | | |
| Ever have sexual intercourse? | sexintercourse07 | 2296 | 0.53 | 0/1 |
| Do you always use a condom? | condomalways07 | 775 | 0.72 | 0/1 |
| How many sexual partners? | sexpartners07 | 1498 | 0.46 | 0/1 |
| Hours of TV watching in the Family | | | | |
| Hours of TV watching per day | tvhoursall07 | 1847 | 5.99 (4.72) | I/R |
| Weighting the data | | | | |
| Weight to make the sample representative of the U.S. population (use this if you're using 2007 variables). | Weight07 | 2738 | 1.00 (.38) | I/R |

| 2005-2015, when the respondents are ages 17 to 31. | Variable Name | N | Mean | type |
|---|----------------------|----------|-------------|-------------|
| Age at the end of the sampling period | Agemax | 2886 | 24.34 | I/R |
| Never married, cohabiting | nevmarriedcohabit | 2892 | 0.13 | 0/1 |
| Never married not cohabiting | nevmarriednotcohabit | 2892 | 0.78 | 0/1 |
| Married | married | 2892 | 0.07 | 0/1 |
| # of kids | Children | 2893 | .34 | 0/1 |

| | | | | |
|---|------------------------|------|----------|-----|
| Had a child before age 18 -- How old were you when you (Male: first took on a parenting role/FEMALE: had your first child)? | youngteenbirth | 2893 | .04 | 0/1 |
| Had a child at ages 18 or 19 -- How old were you when you (Male: first took on a parenting role/FEMALE: had your first child)? | lateteenbirth | 2893 | 0.08 | 0/1 |
| Had a child as a teenager -- How old were you when you (Male: first took on a parenting role/FEMALE: had your first child)? | teenbirth | 2893 | 0.12 | 0/1 |
| Feel close to father | closetofather | 2893 | .66 | 0/1 |
| Feel close to mother | closetomother | 2893 | .87 | 0/1 |
| Avg total earnings for this individual (\$2015) | Earningsavg | 2814 | 9593.47 | I/R |
| Log of total earnings | logearnings | 2520 | 8.74 | I/R |
| Maximum total earnings for this individual | earningsmax | 2814 | 18062.19 | I/R |
| Log of maximum total earnings | Logearningsmax | 2520 | 9.35 | I/R |
| SAT reading score | readingsat | 829 | 571.36 | I/R |
| SAT math score | mathsat | 874 | 564.26 | I/R |
| SAT total score | SATscore | 819 | 1139.05 | I/R |
| ACT total score | ACTscore | 1116 | 23.07 | I/R |
| High school dropout | highschooldropout | 2892 | 0.06 | 0/1 |
| Got a GED | GEDgraduate | 2892 | .08 | 0/1 |
| High school graduate | Highschoolgraduate | 2892 | .86 | 0/1 |
| Percentage grade in high school (0 to 100% -- like a GPA) | gpapercentile | 2368 | .81 | 0/1 |
| Went to college | Evercollege | 2619 | .68 | 0/1 |
| Prop of time with excellent or very good health | propexcellentsvghealth | 2893 | .64 | I/R |
| # of total sexual partners | sexpartners | 2463 | 7.54 | 0/1 |
| Ever use cocaine? | cocaineever | 2498 | 0.12 | 0/1 |
| Ever use marijuana? | marijuanaever | 2499 | 0.58 | 0/1 |
| # of alcoholic drinks per day, on average | drinksperday | 2893 | 2.67 | I/R |
| Days with 4 (female) or 5 (male) or more drinks in a day in a year (up to 365 days) | Dayswith4or5drinks | 2888 | 7.95 | I/R |
| Body mass index, avg | Bmiavg | 2886 | 25.27 | I/R |
| Body max index, maximum | BMimax | 2886 | 27.74 | I/R |
| Prop of time underweight | Underweightavg | 2886 | .03 | I/R |
| Prop of time normal weight | Normalweightavg | 2886 | .50 | I/R |
| Prop of time overweight | Overweightavg | 2886 | .27 | I/R |
| Prop or time obese weight | Obeseweightavg | 2886 | .19 | I/R |
| Prop of time with BMI>35 | Obese2weightavg | 2886 | .08 | I/R |
| Mental Health: How Often Worry About Money, How Often Worry About Future Job, How Often Feel Discouraged About Future – a composite of all of these. Higher values indicate more worry. | worry | 2893 | 3.51 | I/R |

| | | | | |
|--|---------------------------|------|-------|-----|
| Log of worry | logworry | 2883 | 1.17 | I/R |
| Mental Health: How Often Nervous Meeting Others, How Often Feel Shy, How Often Feel Self-Conscious, How Often Feel Nervous Performing – a composite of all of these. Higher values indicate more social anxiety. | socialanxiety | 2893 | 3.46 | I/R |
| Log of social anxiety | logsocialanxiety | 2893 | 1.16 | I/R |
| Mental Health: Emotional Well-being, Social Well-being, Psychological Well-being. A composite of all of these. Higher values indicate more flourishing. Lower values indicate more languishing. | languishflourish | 2890 | 13.59 | I/R |
| Log of languish-flourish. | loglanguishflourish | 2890 | 2.60 | I/R |
| Mental Health: Frequency of Happiness in Last Month, Frequency of Interest in Life in Last Month, Frequency of Feeling Satisfied in Last Month, a composite of all of these. Higher values indicate higher emotional well-being. | emotionalwellbeing | 2890 | 5.04 | I/R |
| Log of emotional well-being. | logemotionalwellbeing | 2890 | 1.60 | I/R |
| Social well-being. Frequency of Feeling Something to Contribute to Society, Frequency of Feeling Belonging to the Community, Frequency of Feeling Society Getting Better, Frequency of Feeling People Basically Good, Frequency of Feeling Way Society Works Makes Sense. A composite of all of these. Higher values indicate higher social well-being. | socialwellbeing | 2890 | 3.53 | I/R |
| Log of social well-being. | logsocialwellbeing | 2890 | 1.21 | I/R |
| Psychological well-being. Frequency of Feeling Good at Managing Daily Responsibility, Frequency of Feeling Has Trusting Relationships with Other, Frequency of Feeling Challenged to Grow, Frequency of Feeling Confident of Own Ideas, Frequency of Feeling Liked Own Personality, Frequency of Feeling Life Had Direction. Higher values indicate better psychological well-being. | psychologicalwellbeing | 2893 | 5.11 | I/R |
| Log of psychological well-being. | logpsychologicalwellbeing | 2893 | 1.62 | I/R |
| Mental Health: Psychological distress. How Often Felt Nervous in Past Month, How Often Felt Hopeless in Past Month, How Often Felt Restless in Past Month, How Often Felt Everything an Effort in Past Month, How Often Felt Too Sad in Past Month, How Often Felt Worthless in Past Month. Higher values indicate more distress. | psychologicaldistress | 2891 | 5.09 | I/R |
| Log of Psychological distress. | logpsychologicaldistress | 2891 | 1.47 | I/R |
| Mental Health: Risky Behaviors. How Often Did Something Dangerous, How Often Damaged Public Property, How Often Got into Physical Fight, How Often Drove When Drunk or High | riskybehaviors | 2893 | 1.38 | I/R |

| | | | | |
|--|---------------------------------|------|------|-----|
| How Often Rode with Drunk Driver. Higher values indicate more risky behaviors. | | | | |
| Log of risky behaviors. | logriskybehaviors | 2893 | .26 | I/R |
| Feel either completely or very satisfied with life. | completelyverysatisfiedwithlife | 2665 | 0.61 | 0/1 |
| Transition to Adulthood weight, to make the sample representative of the U.S. population | Weighttta | 2893 | 1.00 | I/R |

2017 Transitions to Adulthood Update (not all respondents are in the original CDS)

| | | | | |
|--|-----------------------------------|------|---------|------|
| Age | age17 | 2526 | 22.64 | |
| White | white17 | 2511 | 0.44 | |
| Spanish/Latin/Hispanic descent | spanish17 | 2511 | 0.09 | |
| African American | AfricanAmerican17 | 2511 | 0.45 | |
| Other Races | otherrace17 | 2511 | 0.03 | |
| Married | married17 | 2525 | 0.10 | |
| Never married | nevermarried17 | 2525 | 0.87 | |
| Widowed | widowed17 | 2525 | 0.00 | |
| Divorced | divorced17 | 2525 | 0.02 | |
| Separated | separated17 | 2525 | 0.01 | |
| Cohabiting | cohabitating17 | 2273 | 0.20 | |
| # of kids | kids17 | 2524 | 0.42 | |
| Hours of work | hourworks17 | 2505 | 8.35 | |
| Total Earnings | earnings17 | 2472 | 7817.34 | |
| TANF income | tanf17 | 2525 | 2.94 | |
| High School GPA | hsgpa17 | 2387 | 2.56 | |
| High School percentage GPA | percentgpa17 | 1816 | 0.81 | |
| Less than a HS degree | lessthanhs17 | 2526 | 0.17 | |
| High school graduate | hsg17 | 2526 | 0.25 | |
| Some college | somecollege17 | 2526 | 0.43 | |
| College graduate | college17 | 2526 | 0.15 | |
| ADHD diagnosis | adhd17 | 2526 | 0.02 | |
| Life Satisfaction | | N | Mean | Type |
| Completely or very satisfied w/life | completelyverysatisfiedwithlife17 | 2526 | 0.61 | 0/1 |
| Never or rarely happy | neveror rarelyhappy17 | 2526 | 0.03 | 0/1 |
| Never or rarely feel you belong in the community | neveror rarelyfeelincommunity17 | 2526 | 0.32 | 0/1 |
| Feel like a person of worth | feellikepersonofworth17 | 2522 | 0.95 | 0/1 |
| Have a positive attitude toward yourself | positiveattitudeself17 | 2501 | 0.02 | 0/1 |
| Sex and Pregnancy | | | | |
| Age at first sexual intercourse | agefirstsex17 | 1467 | 16.41 | |
| Was first intercourse voluntary (only those who had intercourse are asked this question) | firstINTERCOURSEVOLUNTARY17 | 1133 | 0.97 | |
| Number of sexual partners | sexpartners17 | 2415 | 6.49 | |
| Ever have sex against your will | hadsexagainstyourwill17 | 2506 | 0.07 | |
| Times had sex against your will | timessexagainstawill17 | 2518 | 0.27 | |
| Any sexually transmitted diseases? | std17 | 2520 | 0.12 | |

| | | | | |
|--|--------------------------------|------|-------|--|
| Times pregnant or got someone pregnant. | timespregnant17 | 2522 | 0.59 | |
| Discrimination | | | | |
| Every day discrimination scale (0 to 6) How Often Treated with Less Courtesy How Often Receive Poorer Service How Often Others Treat as Stupid How Often Others Act Afraid How Often Others Treat as Dishonest How Often Others Act Superior | everydaydiscrimination17 | 2519 | 2.39 | |
| Was it gender discrimination | genderdiscrimination17 | 2526 | 0.08 | |
| Was it racial discrimination | racediscrimination17 | 2526 | 0.14 | |
| Was is sexual orientation discrimination | sexorientdiscrimination17 | 2526 | 0.01 | |
| Every day discrimination scale (0 to 6) How Often Treated with Less Courtesy How Often Receive Poorer Service How Often Others Treat as Stupid How Often Others Act Afraid How Often Others Treat as Dishonest How Often Others Act Superior | everydaydiscrimination17 | 2519 | 2.39 | |
| Parental Variables while Growing Up | | | | |
| Parents were married | parentsmarriedgrowingup17 | 2020 | 0.76 | |
| 1 or more parent had an alcohol problem | parentalcoholproblem17 | 2510 | 0.12 | |
| 1 or more parent had a drug problem | parentdrugproblem17 | 2510 | 0.06 | |
| 1 or more parent had anxiety | parentanxiety17 | 2497 | 0.20 | |
| 1 or more parent had depression | parentdepression17 | 2482 | 0.18 | |
| 1 or more parent in jail | parentjail17 | 2508 | 0.08 | |
| Parents often insulted each other | parentsinsulteachotheroften17 | 2503 | 0.09 | |
| Parents sometimes insulted each other | parentsinsulteachothersome17 | 2503 | 0.16 | |
| Parents rarely insulted each other | parentsinsulteachotherlittle17 | 2503 | 0.31 | |
| Parents never insulted each other | parentsinsulteachothernever17 | 2503 | 0.44 | |
| Parents push each other | parentpusheachother17 | 2505 | 0.15 | |
| Parents physically harm each other | parentphysharm17 | 2505 | 0.07 | |
| Parents threw stuff at each other | parentthrewstuff17 | 2506 | 0.10 | |
| Parents gave a lot of effort in parenting | alotparenteffortfromparent17 | 2510 | 0.93 | |
| Very close with at least 1 parent | veryclosewithparent17 | 2511 | 0.75 | |
| A lot of affection from at least 1 parent | alotaffectationfromparentt17 | 2512 | 0.87 | |
| Arrests | | | | |
| Have you never been arrested | neverarrested17 | 2518 | 0.81 | |
| Have you been arrest once | oncearrested17 | 2518 | 0.10 | |
| Have you been arrested more than once | morethanoncearrested17 | 2518 | 0.09 | |
| BMI | | | | |
| Body Mass Index | bmi17 | 2526 | 27.96 | |
| Underweight | underweight17 | 2526 | 0.02 | |
| Normal weight | normalweight17 | 2526 | 0.43 | |
| Overweight | overweight17 | 2526 | 0.26 | |
| Obeseweight | obeseweight17 | 2526 | 0.26 | |
| Psychological Well-Being | | | | |

| | | | | |
|--|-----------------------------|------|------|--|
| Whether have/had psychological problems | psychproblems17 | 2519 | 0.15 | |
| Depressed for a 2 week period | depressedfor2weeks17 | 2518 | 0.16 | |
| Social anxiety scale (see 2005-2015 for a description of these scales) | socialanxiety17 | 2526 | 2.98 | |
| Log of social anxiety | logsocialanxiety17 | 2526 | 1.02 | |
| Emotional well-being | emotionalwellbeing17 | 2522 | 5.05 | |
| Log of emotional well-being | logemotionalwellbeing17 | 2522 | 1.60 | |
| Social well-being | socialwellbeing17 | 2516 | 3.60 | |
| Log of social well-being | logsocialwellbeing17 | 2516 | 1.22 | |
| Psychological well-being | psychologicalwellbeing17 | 2524 | 5.20 | |
| Log of psychological well-being | logpsychologicalwellbeing17 | 2524 | 1.63 | |
| Psychological distress | psychologicaldistress17 | 2512 | 4.92 | |
| Log of psychological distress | logpsychologicaldistress17 | 2512 | 1.04 | |
| Risky behaviors | riskybehaviors17 | 2526 | 1.35 | |
| Log of risky behaviors | logriskybehaviors17 | 2526 | 0.21 | |
| Sample Weight | | | | |
| Sample weight to make the CDS representative of the U.S. population | weightCDS17 | 2526 | 1.00 | |