

The Panel Study of Income Dynamics, 1999 & 2019
Descriptions and Definitions
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The Panel Study of Income Dynamics (PSID) is a longitudinal data set of U.S. families and individuals. The survey began in 1968 and the latest version of the data available is for 2019. The PSID uses a representative sample of families and individuals in the U.S. and has a relatively large number of sample members (approximately 5,000 families in 1968 and over 9,500 in 2019). This codebook gives information for working with the 1999 and 2019 PSID samples (which I will refer to as the 1999-2019 samples). One of the purposes of the sample was to study the poor so disproportionately large samples were taken of poor populations. The sample data is then weighted in order to make it representative of the U.S. population. I have chosen only those individuals who were either heads of households or wives for this sample in each of the survey years because most information is given for these two relationship states. The variables that I have chosen are generally not available for family members who are not heads of household or wives. (Almost all households that have husbands designate the husband as the head of household, a practice that started with the first PSID sample in 1968 and continued through 2019 to keep comparability of the older and newer data. This practice was changed in 2017 to the primary reference person, who was of any gender. If the reference person was legally married, this person to whom they were married was the spouse.)

The following codebook outlines the variables that I have selected from the 1999-2019 PSID years. This data has been extensively cleaned and modified so that students can pose questions and hypotheses and test these hypotheses using this data. The PSID contain a great deal of information regarding the health status of individuals, including whether they had cancer, a stroke, high blood pressure, emotional problems, mental loss, learning disabilities, and other health related problems. The data also contains some information on how long these individuals have had these conditions and whether these conditions limit what they are able to do. It also gives information on smoking and alcohol drinking. This data set also contains a number of variables that relate to childhood circumstances, such as income level, education of the person's parents, was the person born with low birthweight, the marital status of the person's mother at birth, the number of years the person's parents were separated, the number of school changes, the number of residential moves, and the individual's health status. These listing of these variables starts on page 3. There is a section on pages 4 and 5 that indicates retrospective childhood conditions, such as who raised this person, parental marital satisfaction, whether the child felt lonely, whether the child was a bully or was bullied, and whether the child felt close to his/her mother and father. There is also information on the age when the sample member first got married, the number of marriages and the number of children born to individuals. These variables can often be used as predictor variables for outcomes as an adult. I've also included a great number of variables relating to income and poverty levels, and use and level of government income assistance, and level of education. You'll find the 1999 PSID variables starting on page 5 and the 2019 variables start on page 8.

I have included a set of variables for body mass index (BMI). The definitions of the categories of BMI are given by the Centers for Disease Control (CDC) (<https://www.cdc.gov/obesity/adult/defining.html>).

The following is the codebook for the PSID for this class. There are two types of data you will see in this data set: 0/1 data and I/R data. 0/1 data is data that has values of either 0 or 1. For example, the first variable is Relationship to Head: Person is the Head of Household. If the variable has a value of 1, this means that this individual is the head of household. If the value for this variable is 0, this means that the person is not the head of the household. If the value for the second variable, Wife, has a value of 1, it means that the person is a wife; if the value is 0, it means that the person is not a wife. Please note that if there is a husband in the family, the PSID almost always counts this person as the head. Only if there is a female-headed family (with no husband present) will a woman be counted as the head. 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 value will be the actual age of the head of household.

There are a few variables that need to be explained. For the work and income variables, I have created a number of variables indicating the income of the family relative to the poverty line. The first of these is the Family Income to the Poverty Line (FIPL), an I/R variable. A value of one for this variable indicates that the family is right at the poverty line. A value of .5 indicates that the family is at one-half the poverty line. A value of two indicates that they're at twice the poverty line. I have also created the variable Inpov that indicates if the family is below the poverty line (a value of 1 indicates that the family is below the poverty line; 0 means the family is not below the poverty line), the variable Nearpov that indicates whether the family is at or above the poverty line but below 125% of the poverty line (a value of 1 indicates that they're no more than 25% above the poverty line; a value of 0 indicates that they're either below the poverty line or above 125% of the poverty line), and the variable Und125 to indicate whether the family is below 125% of the poverty line (a value of 1 indicates that the family is at or below 125% of the poverty line; a value of 0 indicates that the family is above 125% of the poverty line).

Do not choose any 0/1 or nominal scale variables that have a mean value less than .05 or greater than .95.

There is not enough variation in these variables to run statistical tests using them. Also, you'll notice that some of the variables are divided by 1,000 or 10,000 or some other number. If this is the case for the particular variable you're using, use the variable that has been divided. I have divided the value of the number to make it easier to interpret when using regression analysis. Thus, if you're examining factors affecting income, use the variable that is divided,

You can use all years of these data or only one or two years of the data. Some of the people in the sample stay in the sample from 1999 to 2019 while others are only in the sample for some shorter period of time. When trying to predict the effects of particular outcomes (such as health, income or psychological well-being), it's best to use predictors that precede the outcome. Thus, you may wish to examine childhood circumstances to predict some outcomes or factors in 1999 that will help predict what happens in 2019.

The first set of variables listed (on the next several pages) is for all people in all years. Such variables include identification by race and gender, as well as income and health in childhood.

All Year Variable Description	Variable Name	Var. Type	N	Mean
Variables for All Years				
Race/descent and gender identification				
Race=White	White	0/1	26472	0.61
Race=Black	Black	0/1	26472	0.33
Race=Other Race	Othrace	0/1	26472	0.06
Spanish Descent (Note that people of Spanish descent can be of any race)	Spanish	0/1	26565	0.11
Female	Female	0/1	37104	0.48
Male	Male	0/1	37104	0.52
Economic status while growing up				
Grew up poor	Gupoor	0/1	25117	0.31
Grew up with average income	Guavg	0/1	25115	0.40
Grew up with above average income	Gurich	0/1	25115	0.28
Health from ages 0 to 16				
Excellent	Younghealthex	0/1	19835	0.51
Very good	Younghealthvg	0/1	19835	0.26
Good	Younghealthgd	0/1	19835	0.15
Fair	Younghealthfr	0/1	19835	0.03
Poor	Younghealthpr	0/1	19835	0.05
Excellent or Very Good	Younghealthexvg	0/1	19835	0.77
Childhood conditions, ages 0 to 16				
# of years with allergies	allergytotal09a	I/R	12037	0.70
# of years w/asthma	asthmatotal09a	I/R	12037	0.54
# of years w/depression	depressiontotal09a	I/R	12037	0.08
# of years moved residence	movedtotal09a	I/R	12037	0.17
# of years parents separated	parentsseparatedtotal09a	I/R	12037	0.67
# of years changed schools	schoolchangetotal09a	I/R	11810	0.75
Father's educational level				
High School Dropout	daddropout	0/1	17377	0.36
High School Graduate only	dadhsg	0/1	17377	0.33
Some college but no degree	dadsomecoll	0/1	17377	0.11
College graduate	dadcollege	0/1	17377	0.20
Mother's educational level				
High School Dropout	momdropout	0/1	17662	0.30
High School Graduate only	momhsg	0/1	17662	0.41
Some college but no degree	momsomecoll	0/1	17662	0.13
College graduate	momcollege	0/1	17662	0.16
Educational level for parent with highest degree				
High School Dropout	parentdropout	0/1	17749	0.24
High School Graduate only	parenthsg	0/1	17749	0.36
Some college but no degree	parentsomecoll	0/1	17749	0.15
College graduate	parentcollege	0/1	17749	0.25

Marital Status at Person's birth				
Married at birth	marriedbirth	0/1	18748	0.62
Never married at birth	NevMarrbirth	0/1	18748	0.34
Widowed at birth (Don't use this)	widbirth	0/1	18748	0.00
Separated at birth	separbirth	0/1	18748	0.02
Divorced at birth	divorbirth	0/1	18748	0.01
Other non-year specific variables				
Kids born to this person's mother	Kidsborntomom	I/R	8188	3.68
Kids born to this person's father	Kidsborntodad	I/R	5882	3.59
Kids born to this person	Kidstoperson	I/R	17788	1.98
Live w/both parents most of childhood	Bothparents	0/1	15485	0.86
Childhood conditions, ages 0 to 16				
# of years with allergies	allergytotal09a	I/R	12037	0.70
# of years w/asthma	asthmatotal09a	I/R	12037	0.54
# of years w/depression	depressiontotal09a	I/R	12037	0.08
# of years moved residence	movedtotal09a	I/R	12037	0.17
# of years parents separated	parentsseparatedtotal09a	I/R	12037	0.67
# of years changed schools	schoolchangetotal09a	I/R	11810	0.75
Birth and marriage information				
Year person was Born	Yearborn19	I/R	25900	1985.40
Month Person was born	Monthborn	I/R	17982	6.57
Age at first marriage	Agefirstmarr	I/R	19402	24.72
Year of first marriage	yearfirstmarr	I/R	15755	1979.66
Low birth weight (<88 oz)	Lowbirthwt	0/1	25254	0.08
Death Information				
Year of death (value of 0 if no death)	Deathyear15	I/R	14230	45.04
Did the person die?	Death15	0/1	34595	.06
Age at death, for those who have died	Ageatdeath15	I/R	318	58.85
Weighting for Descriptive Statistics				
Weight to make the PSID representative of the U.S. population	sampleweight	I/R	30408	1.00
Identifiers				
1968 INTERVIEW NUMBER	ER30001/Inter68	I/R	17849	
PERSON NUMBER 68	ER30002/Person	I/R	17849	

Childhood Retrospective Variables

Childhood Only Retrospective Variables	Variable Name	Var. Type	Mean	N
Who raised the child?				
Which, if any, male raised you?				
Biological father	raisedbybiologicalfather	0/1	0.764	8046
Adoptive father	raisedbyadoptivefather	0/1	0.021	8046
Step father	raisedbystepfather	0/1	0.080	8046
Other male	raisedbyothermale	0/1	0.052	8046
No male	raisedbynomale	0/1	0.083	8046
Which, if any, female raised you?				
Biological mother	raisedbybiologicalmother	0/1	0.930	8035
Adoptive mother	raisedbyadoptivemother	0/1	0.017	8035
Step mother	raisedbystepmother	0/1	0.010	8035
Other female	raisedbyotherfemale	0/1	0.038	8035

Childhood Only Retrospective Variables	Variable Name	Var. Type	Mean	N
No female	raisedbynofemale	0/1	0.006	8035
Raising Child – combinations from above questions				
Biological mother & father	raisedbybiologicalparents	0/1	0.738	8035
Biological mother, step father	raisedbybiomadandstepmom	0/1	0.010	8035
Biological father, step mother	raisedbybiomomandstepdad	0/1	0.078	8035
Parental Marital Satisfaction, as recalled by the respondent				
Very Satisfied	parentsverysatisfiedinmarriage	0/1	0.452	6697
Satisfied	parentssatisfiedinmarriage	0/1	0.280	6697
Somewhat satisfied	parentssomewhatsatisfiedinmar	0/1	0.185	6697
Not satisfied	parentsnotsatisfiedinmarriage	0/1	0.083	6697
Separated/Divorced	parentsdivorced	0/1	0.151	6675
Whether moved in childhood, # of schools				
Whether moved in childhood	Movedinchildhood	0/1	0.688	7674
# of schools attended	Schoolsattendedinchildhood	I/R	3.325	7908
Parental Smoking				
1 parent smoked	oneparentsmoked13	0/1	0.380	7988
Both parents smoked	bothparentssmoked13	0/1	0.205	7988
Neither parent smoked	neitherparentsmoked13	0/1	0.416	7988
Other Childhood Variables				
Felt lonely, ages 6 to 12	lonely6to12	0/1	0.230	7990
Felt lonely, ages 13 to 16	lonely13to16	0/1	0.242	7896
Felt lonely, at either 6 to 12 or 13 to 16	Lonely6to16	0/1	0.301	7890
Felt safe at night in the neighborhood	safeatnightinnbhd	0/1	0.927	8002
Was bullied from ages 6 to 12	bullied6to12	0/1	0.265	8021
Was bullied from ages 13 to 16	bullied13to16	0/1	0.199	8032
Was bullied, at either 6 to 12 or 13 to 16	Bullied6to16	0/1	0.312	8022
Was a bully from ages 6 to 12	Bully6to12	0/1	0.060	8008
Was a bully from ages 13 to 16	bully13to16	0/1	0.048	8021
Was a bully, at either 6 to 12 or 13 to 16	Bully6to16	0/1	.0742	8009
Mother understood problems	momunderstoodproblemsbface17well	0/1	0.765	7848
A lot of tension with mother	muchtensionwithmomb417	0/1	0.289	7821
Felt close to mother	feelclosetomomb417	0/1	0.842	7865
Mother was strict	strictmomb417	0/1	0.795	7793
Father understood problems	dadunderstoodproblemsbface17well	0/1	0.592	7191
A lot of tension with father	muchtensionwithdadb417	0/1	0.292	7169
Felt close to father	feelclosetodadb417	0/1	0.718	7193
Father was strict	strictdadb417	0/1	0.776	7144

Variables from the 1999 PSID

1999 Variable Description	Variable Name	Var. Type	N	Mean
Person is the head of household.	Head99	0/1	10516	0.65
Person is the wife to the head	Wife99	0/1	10516	0.35
Family size: number of individuals in the family	ER13009	I/R.	10516	2.72
Age of the head	ER13010	I/R.	10511	46.81

1999 Variable Description	Variable Name	Var. Type	N	Mean
Age of the wife	ER13012	I/R.	7480	45.31
Gender of the head of household=male	Malehd99	0/1	10516	0.80
Gender of the head of household=female	Femhd99	0/1	10516	0.20
Number of children in the household	Er13013	I/R.	13356	0.93
Age of the youngest child in the household	Er13014	I/R.	13356	3.91
Child care costs	er14232	I/R	10444	333.70
Marital status=married	Marr99	0/1	10514	0.66
Marital status=divorced	Divorc99	0/1	10514	0.12
Marital status=separated	Separa99	0/1	10514	0.02
Marital status=never married	Nevmar99	0/1	10514	0.15
Marital status=widow/widower	Widow99	0/1	10514	0.06
Current health status				
1. Excellent	Healthex99	0/1	13976	0.24
2. Very good	Healthvg99	0/1	13976	0.34
3. Good	Healthgd99	0/1	13976	0.29
4. Fair	Healthfr99	0/1	13976	0.10
5. Poor	Healthpr99	0/1	13976	0.03
6. Excellent or Very Good (use this one)	Healthxvg99	0/1	13976	0.58
Medical conditions of the head				
Ever have a stroke ?	Stroke	0/1	10446	0.02
How many years ago did you have a stroke?	Strokyrs	I/R	10446	0.14
Does the stroke limit what you can do?	Stroklim	0/1	10421	0.01
Ever have a high blood pressure ?	Highblpr	0/1	9884	0.20
How many years ago did you have a high blood pressure?	Hibpyrs	I/R	9889	1.95
Does the high blood pressure limit what you can do?	Hibprlim	0/1	8601	0.03
Ever have a diabetes ?	Diabetes	0/1	9887	0.06
How many years ago did you have a diabetes?	Diabeyrs	I/R	9887	0.53
Does the diabetes limit what you can do?	Diabelim	0/1	9614	0.01
Ever have a cancer ?	Cancer	0/1	9886	0.04
How many years ago did you have a cancer?	Cancryrs	I/R	9886	0.30
Does the cancer limit what you can do?	Canclim	0/1	9704	0.01
Ever have a lung disease ?	Lungdis	0/1	9886	0.04
How many years ago did you have a lung disease?	Lungdyrs	I/R	9886	0.46
Does the lung disease limit what you can do?	Lungdlim	0/1	9827	0.01
Ever have a heart attack ?	Heartatt	0/1	9890	0.03
How many years ago did you have a heart attack?	Heartyrs	I/R	9890	0.29
Does the heart attack limit what you can do?	Heartlim	0/1	10049	0.05
Ever have a heart disease ?	Heartdis	0/1	10448	0.07
How many years ago did you have a heart disease?	Hrtdsyrs	I/R	10448	0.67
Does the heart disease limit what you can do?	Hrtdslim	0/1	10265	0.03
Ever have emotional problems ?	Emotprob	0/1	9885	0.05
How many years ago did you have emotional problems?	Emotpyrs	I/R	9885	0.61
Does the emotional problems limit what you can do?	Emotplim	0/1	9761	0.02
Ever have a arthritis ?	Arthrit	0/1	9887	0.18

1999 Variable Description	Variable Name	Var. Type	N	Mean
How many years ago did you have a arthritis?	Arthryrs	I/R	9887	1.84
Does the arthritis limit what you can do?	Arthrlim	0/1	9514	0.07
Ever have a asthma ?	Asthma	0/1	9889	0.07
How many years ago did you have asthma?	Asthmyrs	I/R	9889	1.32
Does the asthma limit what you can do?	Asthmlim	0/1	9592	0.02
Ever have a mental loss ?	Mentloss	0/1	9886	0.01
How many years ago did you have a mental loss?	Mentlyrs	I/R	9886	0.09
Does the mental loss limit what you can do?	Mentllim	0/1	9922	0.01
Ever have a learning disability ?	Learndis	0/1	9888	0.02
How many years ago did you have a learning disability?	Lrndsyrs	I/R	9888	0.47
Does the learning disability limit what you can do?	Lrndslim	0/1	9871	0.01
Height, weight, and BMI values				
Weight in pounds	Pounds99	I/R	7125	148.98
Height	Totinch99	I/R	7420	64.79
Body mass index (bmi)	Bmi99	I/R	7508	24.99
Under weight (BMI<18.5)	Underweight99	0/1	7508	.04
Normal weight (18.5<=BMI<25)	Normalweight99	0/1	7508	.53
Over weight (25<=BMI<30)	Overweight99	0/1	7508	.26
Obese weight (BMI>=30)	Obeseweight99	0/1	7508	.17
Obese weight 2 (BMI>=35)	Obese2weight99	0/1	7508	.06
Obese weight 3 (BMI>=40)	Obese3weight99	0/1	7508	.02
Smoking and alcohol				
Currently smoke?	Smokes99	0/1	10433	0.20
# Of cigarettes per day?	Cigsday99	I/R	10466	3.45
Age when first smoked?	Agefsmk99	I/R	3726	2.63
Whether ever smoked?	Eversmok99	0/1	7214	0.54
Currently drink alcohol?	Drinks99	0/1	10433	0.61
# Of alcoholic drinks per day?	Drinkday99	I/R	10489	0.79
Income and wealth variables				
Total family income, 1998	Income98	I/R	9127	55562.92
Total family income, 1998, divided by 10,000	Income1098	I/R	9127	5.55
Total family income, 1999	Income99	I/R	10516	63391.70
Total family income, 1999, divided by 10,000	Income1099	I/R	10516	6.34
Family income relative to the poverty line in 1999	Fmns99	I/R	10472	4.16
In poverty in 1999?	Inpov99	I/R	10516	0.10
At or below 125% of the poverty line in 1999?	Nrpov99	I/R	10516	0.14
Income from work	laborinc99	I/R	10516	26902.97
Income from work divided by 10,000	Laborinc1099	I/R	10516	2.69
Income from work for the wife & head	ttlabinc99	I/R	10516	45285.99
Income from work for the wife & head divided by 10,000	Ttlabinc1099	I/R	10516	4.53
Total family wealth, 1999, w/o the value of the family home	Wlth199	I/R	10228	209302.3
Total family wealth, 1999, w/o the value of the family home divided by 100,000	Wlth110099	I/R	10228	2.09
Total family wealth, 1999, including the family home.	Wlth299	I/R	10228	279510.8
Total family wealth, 1999, including the family home divided by 100,000	Wlth210099	I/R	10228	2.80

1999 Variable Description	Variable Name	Var. Type	N	Mean
Work related variables				
Yearly hours of work	Hours99	I/R	12695	1579.54
Yearly hours of work for both the head and wife	tothrs99	I/R	10514	2312.51
Is the head unemployed?	unemp99	0/1	9967	0.08
If retired, how many years been retired?	Yrsret99	I/R	10439	1.54
House and car				
Own a home?	ownhom99	0/1	10085	0.72
Rent a home/apartment	rnthom99	0/1	10085	0.28
Value of home, if owned	Hsval99	I/R	11723	202695.4
Value of home, if owned divided by 100,000	HSval10099	I/R	11723	2.03
Own a car?	Car99	0/1	10516	0.92
Locational measures				
<i>Region of the country</i>				
South	South99	0/1	10516	0.32
North east	Neast99	0/1	10516	0.19
North central	nc99	0/1	10516	0.27
West	West99	0/1	10516	0.22
<i>Size of the city of residence</i>				
1. Smsa: largest city 500,000 or more	Bigcit99	0/1	10451	0.15
2. Smsa: largest city 100,000-499,999	Urban99	0/1	10451	0.27
3. Smsa: largest city 50,000-99,999	City399	0/1	10451	0.11
4. Non-smsa: largest city 25,000-49,999	smallc99	0/1	10451	0.13
5. Non-smsa: largest city 10,000-24,999	Rural99	0/1	10451	0.16
6. Non-smsa: largest city under 10,000	VryRur99	0/1	10451	0.18
Government income assistance				
Food stamp income	er14256	I/R	10474	13.39
Supplemental security income (ssi)	SSI99	I/R	10516	15.46
Social security income	er16460	I/R	10516	2486.02
Total welfare income	totwel99	I/R	10516	12.20
Total transfer income (including government aid, assistance from relatives, assistance from friends)	ER16454	I/R	10516	4657.94

2019 Variables

2019 Variables	Variable Name	N	Mean	Var Type
Age of the person	age19	26050	33.04	I/R
Male headed household	malehead19	26084	0.72	0/1
Female headed Household	femalehead19	26084	0.28	0/1
Years of Education	ed19	14640	13.43	I/R
# of kids	k19	26084	1.35	I/R
Age of the youngest child	y19	26084	3.86	I/R
# of people in the family	famsiz19	26084	3.41	I/R

Birth order of this person	birthord19	16670	2.22	I/R
Current Marital Status				
Is the person married?	married19	14955	0.67	0/1
Never married?	nevermarried19	14955	0.17	0/1
Widowed?	widowed19	14955	0.04	0/1
Divorced?	divorced19	14955	0.09	0/1
Separated?	separated19	14955	0.03	0/1
Same Sex Couple	sameexcouple19	16340	0.01	0/1
Current Health:				
Excellent	Healthex19	14768	0.15	0/1
Very good	Healthvg19	14768	0.34	0/1
Good	Healthgd19	14768	0.33	0/1
Fair	Healthfr19	14768	0.14	0/1
Poor	Healthpr19	14768	0.04	0/1
Excellent or Very Good	Healthexvg19	14768	0.48	0/1
Expenses				
School Costs	schoolcosts19	26084	1372.41	I/R
Rent	rent19	25904	397.95	I/R
Health insurance	healthinsurancecosts19	26084	2353.46	I/R
Total health care costs	Healthcarecosts19	26084	3972.76	
Hospital costs	Hospitalcosts19	25618	471.20	
Home repair	homerepaircosts19	25842	1703.27	I/R
Prescription drug and medical services costs	prescriptioncosts19	25429	331.88	I/R
Smoking/Drinking				
Does the person smoke?	smoke19	14778	0.15	0/1
Age first smoked (0 if never smoked)	AGEFIRSTSMOKED REGULARLY19	14630	4.25	I/R
Ever smoke?	eversmoke19	14798	0.24	0/1
# of cigarettes per day	cigspersday19	14657	4.42	I/R
Does the person drink?	drinks19	14769	0.59	I/R
# of drinks per day	drinksperday19	14739	1.79	I/R
# of days drinks 4 or more alcoholic drinks	Drinksalotdays19	14678	4.48	I/R
Health Problems (limits=does this condition limit the ability to do normal activities).				
Ever have a stroke?	stroke19	14757	0.03	0/1
Does this limit you?	STROKeLiMits19	401	0.42	0/1
Arthritis?	arthritis19	14757	0.16	0/1
Limits?	arthritislimits19	2319	0.47	0/1
Asthma?	asthma19	14760	0.12	0/1
Limits?	asthmalimits19	1703	0.19	0/1
Cancer?	cancer19	14761	0.06	0/1
Diabetes?	diabetes19	14757	0.10	0/1
Limits?	diabeteslimits19	1541	0.21	0/1
Ever have a heart attack?	heartattack19	14760	0.03	0/1
Limits?	heartattacklimits19	424	0.37	0/1
Heart Disease	heartdisease19	14749	0.04	0/1
Limits?	heartdiseaselimits19	563	0.47	0/1
Hypertension	hypertension19	14754	0.29	0/1

Limits?	hypertensionlimits19	4256	0.13	0/1
Lung disease	lungdisease19	14756	0.05	0/1
Limits?	lungdiseaselimits19	685	0.38	0/1
Memory loss	memoryloss19	14738	0.01	0/1
Has a doctor ever told you that you have or had any of the following- any emotional, nervous, or psychiatric problems?	psych19	14755	0.11	0/1
Does this limit normal activities?	psychlimits19	1616	0.44	0/1
Learning Disorder?	learningdisorder19	14759	0.03	0/1
Been in a hospital this last year?	hospital-ever19	14769	0.10	0/1
How many days in the hospital?	hospitaltime19	14823	0.68	0/1
Days of heavy physical activity/year	physicalactivityheavyf19	14668	2.76	I/R
Days of light physical activity/year	physicalactivitylitef19	14648	4.08	I/R
Any Work Limitations	Worklimits19	14610	0.16	0/1
Weight, height, BMI				
Height, in inches	totalinches19	14687	65.74	I/R
Weight in pounds	pounds19	14491	181.67	I/R
Body Mass Index (BMI)	bmi19	14102	28.80	I/R
Under weight (BMI<18.5)	Underweight19	14102	0.01	0/1
Normal weight (18.5<=BMI<25)	Normalweight19	14102	0.29	0/1
Over weight (25<=BMI<30)	Overweight19	14102	0.34	0/1
Obese weight (BMI>=30)	Obeseweight19	14102	0.35	0/1
Obese weight 2 (BMI>=35)	Obese2weight19	14102	0.16	0/1
Obese weight 3 (BMI>=40)	Obese3weight19	14102	0.06	0/1
Work, Income & Wealth				
Total hours of work	hrs19	14827	1491.51	I/R
Total hours of work divided by 1,000	hrs1019	14827	1.49	I/R
Wage rate	wagecomputed19	10454	29.55	I/R
Labor income	laborincome19	14032	36262.40	I/R
Family income-to-needs	fmns19	26084	4.05	I/R
In Poverty?	pov19	26084	0.14	0/1
Below 150% of the poverty line?	pov15019	26084	0.24	0/1
Below 200% of the poverty line?	pov219	26084	0.34	0/1
Days laid off	laidoff19	14827	0.66	I/R
Year Retired (those not retired =0)	yrretired19	14759	302.92	I/R
Sick Days	sick19	14767	7.53	I/R
Days spent on vacation	vacation19	14808	8.16	I/R
Days out of the labor force	outoffl19	14827	88.38	I/R
Days unemployed	unemployed19	14827	12.26	I/R
Hours of housework per week	housework19	14696	11.39	I/R
Total wealth, not including house	wealth119	26084	159850.44	I/R
Total wealth, not including house divided by 100,000	wealth11019	26084	1.60	I/R
Total wealth, including house	wealth219	26084	241123.56	I/R
Total wealth, including house divided by 100,000	wealth21019	26084	2.41	I/R
Government Transfers				
Amount of TANF income	afdcy19	14817	0.14	I/R
# of months using TANF	afdcmonths19	9812	0.05	I/R
Amount of Food stamp income	fs19	25775	665.13	I/R

Amount of Food Stamp income divided by 1,000	fs1019	25775	0.67	I/R
# of months using food stamps	fsmonths19	25927	1.89	I/R
Soc Security Income	socsec19	14827	2545.80	I/R
Supplemental Sec. Income	ssi19	14816	134.17	I/R
Gov't transfer income	transferincome19	26084	4607.10	I/R
Other welfare income	othwel19	14825	29.96	I/R
Housing and Cars				
Move last year?	hdmv19	26072	0.35	0/1
Own Home?	ownhome19	26084	0.53	0/1
Rent?	renthome19	26084	0.43	0/1
Live with others?	livothhome19	26084	0.04	0/1
Live in public housing?	pubhouse19	26084	0.06	0/1
Own a car?	car19	26078	0.88	0/1
# of cars owned	carnumber19	26063	1.82	I/R
Value of house (\$0 for non-owners)	hsval19	25659	145790.74	I/R
Value of house (\$0 for non-owners) divided by 100,000	hsvalue1019	25659	1.46	I/R
Region, State, Population				
Live in the northeast region	northeast19	25953	0.12	0/1
Live in the north central region	northcental19	25953	0.24	0/1
Live in the south	south19	25953	0.46	0/1
Live in the west	west19	25953	0.18	0/1
State of residence (see the PSID website for state codes)	state19	26084	23.43	0/1
Feelings of Sadness, nervous, etc.				
Feelings over the last 30 days. Have you...				
... felt sad for most of the last 30 days?	sadmostdays19	14664	0.02	0/1
... felt sad for some days in the last 30 days?	sadsomedays19	14664	0.10	0/1
... felt sad for no days in the last 30 days?	sadnodays19	14664	0.78	0/1
... felt sad for most/all days in the last 30 days (this combines the categories for most and some sad days)?	sadmostalldays19	14664	0.03	0/1
... felt nervous for most of the last 30 days?	nervousmostdays19	14668	0.03	0/1
... felt nervous for some days in the last 30 days?	nervoussomedays19	14668	0.26	0/1
... felt nervous for no days in the last 30 days?	nervousnodays19	14668	0.54	0/1
... felt nervous for most/all days in the last 30 days (this combines the categories for most and all nervous days)?	nervousmostalldays19	14668	0.04	0/1
... felt restless for most of the last 30 days?	restlessmostdays19	14658	0.03	0/1
... felt restless for some days in the last 30 days?	restlessomedays19	14658	0.26	0/1
... felt restless for no days in the last 30 days?	restlessnodays19	14658	0.54	0/1
... felt restless for most/all days in the last 30 days (this combines the categories for most and all restless days)?	restlessmostalldays19	14658	0.06	0/1
... felt hopeless for most of the last 30 days?	hopelessmostdays19	14668	0.01	0/1
... felt hopeless for some days in the last 30 days?	hopelessomedays19	14668	0.07	0/1
... felt hopeless for no days in the last 30 days?	hopelessnodays19	14668	0.86	0/1
... felt hopeless for most/all days in the last 30 days (this combines the categories for most and all hopeless days)?	hopelessmostalldays19	14668	0.02	0/1
... felt that everything is an effort for most of the last 30 days?	effortmostdays19	14642	0.04	0/1
... felt that everything is an effort for some days in the last 30 days?	effortsomedays19	14642	0.18	0/1

... felt that everything is an effort for no days in the last 30 days?	effortnodays19	14642	0.62	0/1
... felt that everything is an effort for most/all days in the last 30 days (this combines the categories for most and all)?	effortmostalldays19	14642	0.09	0/1
... felt worthless for most of the last 30 days?	worthlessmostdays19	14668	0.01	0/1
... felt worthless for some days in the last 30 days?	worthlessomedays19	14668	0.05	0/1
... felt worthless for no days in the last 30 days?	worthlessnodays19	14668	0.89	0/1
... felt worthless for most/all days in the last 30 days (this combines the categories for most and some worthless days)?	worthlessmostalldays19	14668	0.02	0/1
In the last 30 days, have you felt sad for most days, or nervous for most days, or restless for most days, or hopeless for most days, or worthless for most days, or felt that everything is an effort for most days?	feelingbadmostdays19	14634	0.15	0/1
In the last 30 days, have you felt sad for some days, or nervous for some days, or restless for some days, or hopeless for some days, or worthless for some days, or felt that everything is an effort for some days?	feelingbadsomedays19	14653	0.45	0/1
Psychological Distress	psychologicaldistress19	14620	3.31	I/R
Log of Psychological Distress	logpsychologicaldistress19	14620	0.89	I/R
Food Insecurity Status (Many of these have a mean value less than .05 so don't use those variables. I have included them here so that you can see a list of the questions asked about food insecurity.)				
Adult (Responses of "Often True" or "Sometimes True" are coded as Affirmative; responses of "Never True" are coded as Negative.)				
"(I/We) worried whether (my/our) food would run out before (I/we) got money to buy more."	foodranoutadult19	26084	0.22	
"The food that (I/we) bought just didn't last, and (I/we) didn't have the money to get more."	fooddidnotlastadult19	26084	0.17	0/1
"(I/We) couldn't afford to eat balanced meals."	foodnotbalancedadult19	26084	0.15	0/1
In the last 12 months, since last (current month) did (you/you or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?	foodcutmealsadult19	26084	0.09	0/1
In the last 12 months, (since last [current month],) did you ever eat less than you felt you should because there wasn't enough money for food?	foodatelessadult19	26084	0.09	0/1
In the last 12 months, (since last [current month],) were you ever hungry but didn't eat because there wasn't enough money for food?	foodeverhungryadult19	26084	0.06	0/1
In the last 12 months, did you lose weight because there wasn't enough money for food?	foodlostweightadult19	26084	0.04	0/1
In the last 12 months, (since last [current month],) did (you/you or other adults in your household) ever not eat for a whole day because there wasn't enough money for food?	foodnoteatdayadult19	24959	0.00	0/1
"(I/We) couldn't feed (my/our) (child/children) a balanced meal, because (I/we) couldn't afford that." (Was that often, sometimes, or never true for (you/your household) in the last 12 months (since last [current month])?)	foodchildren0to1719	26084	0.59	0/1
"(I/We) relied on only a few kinds of low-cost food to feed (my child/our children) because (I was/we were) running out of money to buy food."	foodlowcostchild19	26084	0.08	0/1

In the last 12 months, "(I/We) couldn't feed (my/our) (child/children) a balanced meal, because (I/we) couldn't afford that."	foodnotbalancedchild19	26084	0.05	0/1
In the last 12 months, "(My/Our) (child was/children were) not eating enough because (I/we) just couldn't afford enough food."	foodnoteatenoughchild19	26084	0.02	0/1
In the last 12 months, since (current month) of last year, did you ever cut the size of (your child's/any of the children's) meals because there wasn't enough money for food?	foodcutsizchild19	26084	0.02	0/1
In the last 12 months, (since last [current month],) did (your child/any of the children) ever skip meals because there wasn't enough money for food?	foodskippedmealchild19	26084	0.00	0/1
How often did this happen? (Would you say almost every month, some months but not every month, or in only 1 or 2 months?)	foodtimesskippedmealschild19	26084	0.00	0/1
In the last 12 months, (since last [current month],) (was your child/were the children) ever hungry but you just couldn't afford more food?	foodeverhungrychild19	26084	0.01	0/1
In the last 12 months, (since last [current month],) did (your child/the children) ever not eat for a whole day because there wasn't enough money for food?	foodnoteatdaychild19	26084	0.00	0/1
This is the sum of the Affirmative responses to imputed Food Security items 1-18	hhfoodsecurityraw19	26084	1.10	I/R
Scaled household food security score	hhfoodsecurityscale19	26084	0.82	I/R
Households are placed into a Food Security Category based on their raw score (ER66845) and whether there are children in the household (ER66851). For households with children (ER66851=1): Raw score 0 -- High Food Security Raw score 1-2 -- Marginal Food Security Raw score 3-7 -- Low Food Security Raw score 8-18 -- Very Low Food Security For households with no children (ER66851=0): Raw score 0 -- High Food Security Raw score 1-2 -- Marginal Food Security Raw score 3-5 -- Low Food Security Raw score 6-10 -- Very Low Food Security	hhfoodsecuritystatus19	26084	1.49	I/R
This is the sum of the affirmative responses to imputed Child Food Security items 11-18	childfoodsecurityraw19	26084	-3.50	I/R
Values are determined by raw score of child food security items	childfoodsecurityscale19	26084	-3.30	I/R
Households are placed into a Food Security Category based on their raw child food security score (ER66848). Raw score 0-1 -- High or Marginal Food Security among Children Raw score 2-4 -- Low Food Security among Children Raw score 5-8 -- Very Low Food Security among Children	childfoodsecuritystatus19	26084	0.65	0/1
High Food Security (no food problems)	highfoodsecurity19	26084	0.72	0/1
1-2 food problems (see definition above for food security status)	marginalfoodsecurity19	26084	0.12	0/1
3-7 or 3-5 food problems (see definition above for food security status)	lowfoodsecurity19	26084	0.10	0/1

8-18 or 6-10 food problems (see definition above for food security status)	verylowfoodsecurity19	26084	0.06	0/1
No food security problems in either 2017 or 2019 (a value of 0 indicates that there were food security problems in either 2017 or 2019)	highfoodsecurity1719	25212	0.58	0/1
The bolded food security questions are the best ones to use.				