CODE FOR BUILDING WZB-PSID FILE
WRITTEN BY ULRICH KOHLER
BASED ON PSID AND CNEF THROUGH 2009
2015
(SEE MORE RECENT VERSION FOR PSID AND CNEF THROUGH 2013)

// Creation of the WZB-PSID File
// -----------------------------------

clear all
version 13
set more off

* 1 Retrival
** 1.1 PSID: Family, Wealth and Ind
psid use ///
/// date of interview-head
  || int01V1 ///
  [80]V7064 [81]V7655 ///
  [94]ER2005 [95]ER5004 [96]ER7004 ///
  [97]ER10005 [99]ER13006 [01]ER17009 [03]ER21012 [05]ER25012 ///
/// day of current interview
  || int01V2 ///
  [97]ER10006 [99]ER13007 [01]ER17010 [03]ER21013 [05]ER25013 ///
/// language of interview
  || int02 ///
  [93]V23320 [99]ER13018 [01]ER17021 [03]ER24075 [05]ER27881 ///
///
/// CHILDREN AND FAMILY
/// ---------------------
/// Number of children born in the specific year
  || ch03 ///
  [99]ER16517C [01]ER20458C [03]ER24173C [05]ER28072C [07]ER41062 ///
/// Number of Live Births to this Individual
///     || ch03 ER32022 ///
/// Total Number Of Children for Head
Wife has brothers living
<table>
<thead>
<tr>
<th>sib01p</th>
</tr>
</thead>
</table>
[97]ER11748 [99]ER15824 [01]ER19885 [03]ER23322 [05]ER27284
/// Wife has sisters living
|  sib02p  |
|  sib02h  |
[97]ER11835 [99]ER15830 [01]ER19891 [03]ER23328
/// Head Number of brothers and sisters
|  sib03V1h  |
|  sib03V2h  |
[97]ER11830 [99]ER15910 [01]ER19971 [03]ER23340 [05]ER27290
/// Head Number of brothers and sisters
|  sib03V1p  |
[76]V4748
|  sib03V2p  |
[97]ER11749 [99]ER15825 [01]ER19886 [03]ER23323 [05]ER27285
|  sib03V3p  |
| Number of Marriages of this Individual |  |
| --- |  |
| Month the first or only Marriage began |  |
| Year the first or only Marriage began |  |
| Status of the first or only marriage |  |
| Month the first or only Marriage ended |  |
| Year the first or only Marriage ended |  |
| Month the first or only Marriage separated |  |
| Year the first or only Marriage separated |  |
| Month the most recent Marriage began |  |
| Year the most recent Marriage began |  |
| Status of the most recent marriage |  |
| Month the most recent Marriage ended |  |
| Year the most recent Marriage ended |  |
| Year the most recent marriage separated |  |
| Last known marital Status |  |
| Number of Marriages of the Head |  |
| Number of the Marriages of the Wife |  |
| Marital Status of Mother at Time of Individual's Birth |  |

---

| ETHNICITY AND NATIVITY |  |
|  |
| hispanic origin, head |  |
| race02h |  |
|  |
| hispanic origin, wife |  |
| race02p |  |
country
where
born

father in US 1968

Whether father in US since recent years

mother in US 1968

Individual in US in 1968

EDUCATION

Head received additional training outside of school

Field of study head: additional training

Head: Did you attend college?

Wife: did you attend college?
/// Education of Head's Mother
| | edu06mthr ///
[01] ER19964 [03] ER23401 [05] ER27366 [07] ER40541 [09] ER46518 ///
/// Completed education of mother
/// Completed education of father
/// Completed education of mother and father - recoded
/// EXPENDITURES
-------------
/// Total annual utilities paid
| | exp01 ///
[85] V11137 [86] V12536 [87] V13736 ///
/// Child care annual spending
| | exp02 ///
[94] ER3058 [95] ER6057 [96] ER8154 [97] ER11048 [99] ER14232 [01] ER18362 ///
/// Social security income received by the individual
| | inc10 ///
/// Receivers of Supplemental Security Income
| | sinc11 ///
[99] ER33533 [01] ER33624 [05] ER33834 [07] ER33934 ///
/// Receivers of TANF
| | sinc12 ///
[03] ER33724 [05] ER33833 [07] ER33933 ///
/// Dependents outside of fu
| | sup01 ///
<table>
<thead>
<tr>
<th>Amount paid to dependents outside of fu</th>
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</thead>
<tbody>
<tr>
<td>sup02</td>
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</table>

<table>
<thead>
<tr>
<th>Relationship to dependents outside of fu</th>
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<td>sup03</td>
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--- GEOGRAPHY AND MIGRATION ---

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<tr>
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<table>
<thead>
<tr>
<th>FU moved since last interview</th>
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<tr>
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---
Individual moved since last interview

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<thead>
<tr>
<th>emp02</th>
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</table>
| [73]ER30122 [74]ER30143 [75]ER30165 [76]ER30193 [77]ER30222 ///

/// EMPLOYMENT RELATED VARIABLES

/// Employment Status

| emp00 | [79]ER30293 [80]ER30323 [81]ER30353 [82]ER30382 [83]ER30411 ///
|-------|
| [84]ER30441 [85]ER30474 [86]ER30509 [87]ER30545 [88]ER30580 ///
| [01]ER33612 [03]ER33712 [05]ER33813 [07]ER33913 [09]ER34016 ///

/// hours worked

|-----------|

/// hours unemployed

<table>
<thead>
<tr>
<th>emp03</th>
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</table>
| [75]ER30179 [76]ER30206 [77]ER30235 [78]ER30272 [79]ER30302 ///
| [80]ER30332 [81]ER30362 ///

/// Head Veteran

<table>
<thead>
<tr>
<th>emp04h</th>
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| [94]ER3947 [95]ER6817 [96]ER9063 [97]ER11852 [99]ER15935 [01]ER19996 ///

/// Wife Veteran
Head took vacation in prior year

Reason Head No longer has previous job

Reason Wife no longer has previous job

Head years experience since 18

Wife years experience since 18
Head actively looking for work

<table>
<thead>
<tr>
<th>emp08h</th>
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</table>

Wife actively looking for work

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<thead>
<tr>
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</table>

Head used private employment agency recently to find job

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Wife used private employment agency recently to find job

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Head used friend/relative recently to find job

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Wife used friend/relative recently to find job

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establishment size head

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establishment size wife

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Business-owned industry

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Head self-employed

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Wife self-employed

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Tenure with employer- Head

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Tenure with employer- Wife

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Categories

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<tr>
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<tr>
<td>emp16V1p</td>
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<table>
<thead>
<tr>
<th>Union Coverage - Wife</th>
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<tr>
<td>emp16V3p</td>
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<table>
<thead>
<tr>
<th>Hours lost due to Illness</th>
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<tbody>
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<td>emp18h</td>
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<table>
<thead>
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<th>Lost work due to Illness</th>
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<table>
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<td>[77]V5559</td>
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<td>[77]V5391</td>
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<td>[76]V4479</td>
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<table>
<thead>
<tr>
<th>Union Coverage - Head</th>
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<th>Union Coverage - Wife</th>
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<tr>
<th>Hours lost due to Illness</th>
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<td>[95]ER5078</td>
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<table>
<thead>
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<th>Lost work due to Illness</th>
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<td>[99]ER13318</td>
<td>[01]ER17332</td>
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<td>inc08</td>
<td>inc09</td>
<td>inc10</td>
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<tr>
<td>-------</td>
<td>-------</td>
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<tr>
<td>( \text{V15103} )</td>
<td>( \text{V16603} )</td>
<td>( \text{V18019} )</td>
<td>( \text{V19319} )</td>
<td>( \text{V20619} )</td>
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<tr>
<td>Number of other labor income receivers in FU</td>
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<td>( \text{V20620} )</td>
<td>( \text{V22399} )</td>
<td>( \text{V24720} )</td>
</tr>
<tr>
<td>Total Family Money Income/Needs</td>
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<table>
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<tr>
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<td>( \text{ER9235} )</td>
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<tr>
<td>wife, excluding farm and business-total labor income</td>
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</table>

<table>
<thead>
<tr>
<th>hwk1h</th>
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<td>( \text{V2457} )</td>
<td>( \text{V3039} )</td>
<td>( \text{V3451} )</td>
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<tr>
<td>Hours of Unpaid Housework - Head and Wife</td>
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<td>( \text{V1859} )</td>
<td>( \text{V2459} )</td>
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<tr>
<td>Annual hours spent on housework by husband</td>
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<tr>
<td>Annual hours spent on housework by Wife or unmarried Head</td>
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<td>( \text{V5264} )</td>
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</table>
WEALTH, DEBT, PENSION, POVERTY

---

total family wealth, without equity

| wlt01 |


---

total family wealth, with home equity

| wlt02 |


---

family stocks

| wlt03V1 |


---

Needs Standards

| wlt04 |

| [96]ER9246 | [97]ER12220 | [99]ER16427 | [01]ER20373 | [03]ER24140 |


---

Annual Need Standard

| wlt05 |


| [03]ER24139 | [05]ER28038 | [07]ER41029 |

---

imputed home equity

| equ01 |


---

Value of Checking/Savings Accounts

| equ02 |


---

Sold Home in past 5 years

| own01 |
| [94]ER3768 | [99]ER15046 | [01]ER19242 | [03]ER22637 | [05]ER26618 |


---

Selling price of home sold in past 5 years

| own02 |
| [94]ER3769 | [99]ER15047 | [01]ER19243 | [03]ER22638 | [05]ER26619 |


---

Own Business or Farm

| own03 |
|
Net Value of Business or Farm

Real Estate / Profit if sold

Other Assets / Profit if sold

Money invested in real estate / real estate bought in last five years

Debts Value

Debts y/n?

Ever inherit money/property?

Value of first inheritance

Estimate of pension benefits -- annual dollar Head

Estimate of pension benefits -- lump sum Head

Estimate of pension benefits -- lump sum Wife
<table>
<thead>
<tr>
<th>Pen</th>
<th>Head</th>
<th>Wife</th>
</tr>
</thead>
<tbody>
<tr>
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<td>pen03h</td>
<td>pen03p</td>
</tr>
<tr>
<td>01</td>
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<td>03</td>
<td>ER22763</td>
<td>ER22907</td>
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<td>05</td>
<td>ER26744</td>
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<td>ER37784</td>
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### HOUSING

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<tr>
<th>Pen</th>
<th>Homeownership</th>
<th>Monthly mortgage payment - first mortgage</th>
<th>Monthly mortgage payment - second mortgage</th>
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<tbody>
<tr>
<td>01</td>
<td>V103</td>
<td>V104</td>
<td>V8</td>
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<tr>
<td>02</td>
<td>V593</td>
<td>V594</td>
<td>V453</td>
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<tr>
<td>03</td>
<td>V1264</td>
<td>V1265</td>
<td>V1126</td>
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<td>05</td>
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<td>V2566</td>
<td>V2567</td>
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### Second mortgage?

<table>
<thead>
<tr>
<th>Pen</th>
<th>second mortgage?</th>
<th>annual mortgage payment</th>
<th>monthly mortgage payment - first mortgage</th>
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<tr>
<td>01</td>
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<td>03</td>
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### Annual mortgage payment

<table>
<thead>
<tr>
<th>Pen</th>
<th>monthly mortgage payment - second mortgage</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
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<td>07</td>
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<td>V21614</td>
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<tr>
<td>11</td>
<td>V21614</td>
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</table>

### Monthly mortgage payment - first mortgage

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<th>Pen</th>
<th>monthly mortgage payment - second mortgage</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
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<tr>
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</tr>
<tr>
<td>11</td>
<td>V21614</td>
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</table>

### Monthly mortgage payment - second mortgage

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<th>monthly mortgage payment - second mortgage</th>
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<tbody>
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<td>03</td>
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</tr>
<tr>
<td>11</td>
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</tbody>
</table>
mortgage payments include property taxes?

<table>
<thead>
<tr>
<th>accuracy of mortgage owed</th>
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</table>

accuracy of the annual mortgage payment

Remaining mortgage principle in the specific year

<table>
<thead>
<tr>
<th>Real estate other than main home</th>
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</table>

Imputed: Real estate other than main home

<table>
<thead>
<tr>
<th>house value</th>
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<tbody>
<tr>
<td>[88]V15837</td>
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</table>

value of the parent's house

<table>
<thead>
<tr>
<th>type of housing structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>[88]V15837</td>
</tr>
</tbody>
</table>

house value
fully subsidized housing

partially subsidized housing

public housing

 rents in public housing project

Economic information about the parents - own or rent house

HEALTH AND HEALTH INSURANCE

Psychological Distress Scale

Anyone in Family Covered by health insurance

Medicaid

children's health insurance plan
/// total cost in last two years for health insurance
///  |  isr04  ///
/// [99]ER15780 [01]ER19841 [03]ER23278 [05]ER27238 [07]ER40410 [09]ER46383 ///
///
/// FOOD, DRINK, SMOKE
///
/// Head: Ever drink alcohol
///  |  alc01h  ///
/// [99]ER15550 [01]ER19715 [03]ER23130 [05]ER27105 [07]ER38316 [09]ER44289 ///
///
/// Head: HOW OFTEN DRINK ALCOHOL
///  |  alc02h  ///
///
/// Wife: how often drink alcohol
///  |  alc02p  ///
///
/// Head: Smoke Now
///  |  smkh  ///
///
/// Wife: Smoke Now
///  |  smkp  ///
///
/// FU eat main meal together
///  |  ntr01  ///
/// [96]ER8153 [97]ER11047 [99]ER14231 [01]ER18361 [03]ER21627 [05]ER25624 ///
///
/// Food Stamps in past month
///  |  ntr02  ///
///
/// Food stamps in past year
///  |  ntr03  ///
///
/// Food stamps in current year
///  |  ntr04  ///
/// [99]ER14270 [01]ER18402 [03]ER21668 [05]ER25670 [07]ER36688 ///
///
/// ADLs and IADLs
///
/// difficulty eating
///  |  adl03V1  ///
/// [99]ER15529 [01]ER19694 [03]ER23096 [05]ER27065 [07]ER38276 [09]ER44249 ///
difficulty going outdoors

difficulty using toilet

problem doing light housework

problem managing money

problem preparing meals

problem using the telephone

PARENTS/INTERGENERATIONAL

Parents are poor or not
Economic situation of wife's family in early years

Head's Father's Occupation -- 1 digit

Head's Father's Occupation -- 3 digit

Wife's Father's Occupation

Head's Mother's Occupation -- 3 digit

Wife's Mother's Occupation

RELIGION

Church attendance

Religious preference of head
Religious preference of wife

CRIME AND PUNISHMENT

Incarceration

Ever booked/ charged breaking law

spent time in corrections institution

Month last released

Year last released

Times sent to adult corrections institutions

Times sent to youth corrections institutions

Times FU was asked to talk about school behavior

using ~/data/PSID, design(any) clear keepnotes

** 1.2 CNEF

psid add

Relationship to head

Number of people in FU

Number of children 0-18 living with FU

Number of children 0-14 living with FU

Age

sex

race

Rent

Completed education
emp01 e11102 /// employment status of individuum
emp02 e11101 /// hours worked
occ3 e11105 /// occupation (ISCO-88)
inc01 i11110 /// individual labor earnings
inc02 i11103 /// hh total labor income
inc03 i11101 /// hh pre government income
inc04 i11113 /// hh post gov income
inc05 i11104 /// hh assets income
hlt01 m11112 /// Asthma
hlt02 m11106 /// Blood Pressure
hlt03 m11108 /// Cancer
hlt04 m11107 /// diabetes
hlt05 m11111 /// Heart Attack and disease
hlt08 m11105 /// Stroke
hlt10 m11126 /// Self-rated health
adl01 m11114 /// difficulty bathing
adl02 m11115 /// difficulty dressing
adl04 m11116 /// difficulty getting in or out of a bed or chair
adl07 m11118 /// difficulty walking
adl08 m11119 /// problem doing heavy housework
adl12 m11117 /// problem shopping for personal items
wght01 w11101 /// Cross sectional weight
wght02 w11103 /// Longitudinal weight

using ~/data/PSID/cnef07, ftype(cnef) keepnotes waves(1970/2009)

** 1.3 Order and clean
compress
aorder
order x11101ll x11102* xsqrn*

* 2. Reshape

** 2.1 Beautiful variable names
rename x11102_ * x11102*
rename xsqrn_ * xsqrn*

local namestub ///
adl01 adl02 adl03V1 adl03V2 adl04 adl05V1 adl05V2 adl06V1 adl06V2 ///
adl07 adl08 adl09V1 adl09V2 adl10V1 adl10V2 adl11V1 adl11V2 adl12 ///
adl13V1 adl13V2 age alc01h alc02h alc02p brthcntry ch01 ch02 ch03 ch04 ///
crm01 crm02 crm03 crm04 crm05 crm06 crm07 crm08 dbt01 dbt02 ///
edu00 edu01 edu02 edu03h edu03p edu04h edu04p edu05h edu05p ///
edu06fthrh edu06fthrp edu06mthrh edu06mthrp ///
emp00 emp01 emp02 emp02V1h emp02V1p emp03 emp04h ///
emp04p emp05h emp05p emp06h emp06p emp07h emp07p emp08h emp08p ///
emp09h emp09p emp10h emp10p emp11h emp11p emp12 ///
emp13h emp13p emp14h emp14V1h emp14V2h emp14V3h ///
** 2.2 Auto-Generate stable value labels

labeldup, select

tempname labels
template xlabels
postfile `labels' str20 namestub year value str20 label using `xlabels', replace
foreach var of local namestub {
    forv wave = 1968/2011 {
        capture confirm numeric variable `var'`wave'
        if !_rc {
            local labname : value label `var'`wave'
            if "`labname'" != "" {
                levelsof `var'`wave', local(K)
                foreach k of local K {
                    post `labels' (`"var'`) (`wave`) (`k`) (`"`:label `labname' `k''"')
                }
            }
        }
    }
    postclose `labels'
}
preserve
use `xlabels', clear

template lbldo
tempname lbldo

file open `lbldo' using `lbldo', replace write

gen tag = .
levelsof namestub, local(names)
foreach name of local names {
    levelsof value if namestub == "'name''", local(values)
    foreach value of local values {
        quietly ///
        tab label if namestub == "'name'' & value == 'value' & label != "'value''
        if r(r) == 1 {
            replace tag = (namestub == "'name'' & value == 'value')
        }
        else {
            sort tag
            file write `lbldo' _n "'label define 'name' 'value' "='%label[_N]'", modify"
        }
    }
}
restore

** 2.3 Store Variable labels for long
foreach stub of local namestub {
    macro drop _lab
    local i 1968
    while "'lab'' == " & i <= 2009 {
        capture local lab: var lab `stub''i++'
    }
    local lb`stub' `lab'
}

** 2.4 Reshape data to long
reshape long `namestub', i(x11101ll) j(year)

** 2.5 Relabel and Clean

// Variable labels
foreach var of varlist `namestub' {
    label var `var'' "lb'var''"
}

// Chars
foreach var of varlist _all {
    if "'var'[note0]" != "" {
        char define `var'[itemnum] 1
capture macro drop _items
forv i = `var'[note0]'(-1)1 {
    local items `items' = subinstr("``var'[note `i']"","Orig. name:","",,)
    notes drop `var' in `i'
}
char define `var'[items1] `items'
} else char define `var'[itemnum] 0
}

// Tsset
egen waveorder = group(year)
tsset x1110111 waveorder
sort x1110111 waveorder

* 3. Select observations
// Individuals in the family at the time of the interview
keep if inrange(xsqnr, 1, 50)
// keep if rel2h == 1 | rel2h == 2  // This deletes all no-CNEF cases

* 4. Recodings

** 4.1 Shift Head/partner information into one variable
foreach stub in ///
    fu04 ///
    race02 ///
    emp02V1 emp04 emp05 emp06 emp07 emp08 emp09 emp10 emp11 emp13 ///
    emp14 emp14V1 emp14V2 emp14V3 emp15V1 emp15V2 emp15V3 ///
    emp16V1 emp16V3 emp17 emp18 emp19V1 emp19V2 ///
    emp20V1 emp20V2 emp20V3 {
        clonevar `stub' = `stub'h if rel2h == 1
        replace `stub' = `stub'p if rel2h == 2

        char define `stub'[items1] `stub'h[items1]
        char define `stub'[items2] `stub'p[items1]
        char define `stub'[itemnum] 2
        drop `stub'h `stub'p
    }

** 4.2 Missings
mvdecode fu04 ch03 race02 ///
    emp03 emp04 emp05 emp06 emp07 emp08 emp09 emp10 emp11 emp12 ///
    emp14 emp15* emp16V* emp17 emp18 emp19* emp20* inc10, mv(0)
mvdecode ch03, mv(3)

mvdecode emp13, mv(4/7)

mvdecode ch03 race02 emp05 emp06 emp08 emp09 emp10 emp13 emp15* emp16V* ///
emp17 emp19* emp20*, mv(8)

mvdecode ///
int02 fu04 ch03 sib01h sib01p sib02V1h sib02V2h sib02p sib03V1p ///
sib03V1p mar09h mar09p race02 fthus01 ///
fthus02 mthus sbdyu s edu01 edu03h edu06f thrp ///
emp00 emp04 emp05 emp06 emp09 emp10 emp13 emp15* emp16V* ///
emp17 emp19* emp20* edu06mthrp sup01 , mv(9)

mvdecode ch04 emp07 emp12 emp14V* ///
sib03V2p sib03V3p sib03V2h sib03V3h sib03V2p ///
edu02 sta01fips sta01gsa edu06fthr sup01 edu06mthrp , mv(98,99)

mvdecode brthcntry emp14, mv(999)
mvdecode emp02 emp03, mv(9999)
mvdecode sup02, mv(99999)

** 4.3 Change code 5 "No" to 0 "No"

foreach var of varlist emp04 emp05 {
    replace `var' = 0 if `var' == 5
    label value `var' yesno

    char define `var'[corrections] "Code 5 changed to zero"
}

** 4.3 Idiosyncratic changes due to consistency checks

*** 4.3.1 Date of Interview

gen intstringbegin = "3/4/" + string(year) if year <= 1979 & int01V1==1
replace intstringbegin = "3/18/" + string(year) if year <= 1979 & int01V1==2
replace intstringbegin = "4/1/" + string(year) if year <= 1979 & int01V1==3
replace intstringbegin = "4/15/" + string(year) if year <= 1979 & int01V1==4
replace intstringbegin = "4/29/" + string(year) if year <= 1979 & int01V1==5
replace intstringbegin = "5/13/" + string(year) if year <= 1979 & int01V1==6
replace intstringbegin = "5/27/" + string(year) if year <= 1979 & int01V1==7
replace intstringbegin = "6/10/" + string(year) if year <= 1979 & int01V1==8

gen intstringend = "3/17/" + string(year) if year <= 1979 & int01V1==1
replace intstringend = "3/31/" + string(year) if year <= 1979 & int01V1==2
replace intstringend = "4/14/" + string(year) if year <= 1979 & int01V1==3
replace intstringend = "4/28/" + string(year) if year <= 1979 & int01V1==4
replace intstringend = "5/12/" + string(year) if year <= 1979 & int01V1==5 
replace intstringend = "5/26/" + string(year) if year <= 1979 & int01V1==6 
replace intstringend = "6/9/" + string(year) if year <= 1979 & int01V1==7 
replace intstringend = "8/15/" + string(year) if year <= 1979 & int01V1==8

gen intstring = ///
    substr(string(int01V1),1,1) ///
    + "/" ///
    + substr(string(int01V1),2,2) ///
    + "/" ///
    + string(year) ///
if length(string(int01V1)) == 3 & inrange(year,1979,1996)

replace intstring = ///
    substr(string(int01V1),1,2) ///
    + "/" ///
    + substr(string(int01V1),3,2) ///
    + "/" ///
    + string(year) ///
if length(string(int01V1)) == 4 & inrange(year,1979,1996)

replace intstring = ///
    string(int01V1) + "/" + string(int01V2) + "/" + string(year) ///
if year > 1996

gen long int01 = round((date(intstringbegin,"MDY") + date(intstringend,"MDY"))/2) if year <= 1979 
replace int01 = date(intstring,"MDY") if year >= 1980 
label variable int01 "Date of Interview" 
format int01 %d

gen int01s = string(int01,"%d")
label variable int01 "Date of Interview (String)"

char rename int01V1 int01

drop int01V1 int01V2 intstring*

*** 4.3.2 Age
// Note: slightly displaced in some obs. Correction based on first
// year with non-missing information
replace age = . if age<0
gen agemiss = mi(age)
by x11101ll (agemiss year), sort: gen ybirth = year[1]-age[1]
replace age = year- ybirth
drop agemiss
char define age[corrections] "Correction applied using first non-missing age information; see retrieval do-file"
*** 4.3.3 Employment Variables
replace emp00 = . if emp00 == 0
lab val emp00 emp00
lab def emp00
1 "Working now"
2 "Only temporarily laid off"
3 "Looking for work, unemployed"
4 "Retired"
5 "Permanently disabled"
6 "Housewife; keeping house"
7 "Student"
8 "Other"

// From PSID because of some obvious errors in CNEF var -- Note 1
// A few values above 5840, which is supposed to be the maximum value,
// PSID codebook considers them "wild code", we recode to missing
replace emp02V1 = . if inrange(emp02V1, 5841, .)
replace emp02V1 = emp02V1/52
replace emp02 = emp02/52
replace emp11 = . if emp11 >= 99999998

lab value emp13 emp13
lab define emp13
1 "Other than respondent"
2 "Respondent and other"
3 "Respondent self employed"
0 "Not working for money"

gen x = emp14V1*52 + emp14V2*4 + emp14V3
replace x = . if x == 0
replace emp14 = x/4.28 if year >= 1994
drop emp14V*
x

clonavar emp15 = emp15V1
replace emp15 = emp15V2 if mi(emp15)
replace emp15 = emp15V3 if mi(emp15)
drop emp15V?

*** 4.3.4 Occupation

// Impute using nearest neighbour
replace occ3 = . if occ3 == .m

gen occi:yesno = 0
sort x11101ll waveorder
forv i=1/10 {
    replace occi = 1 if mi(occ3) & !mi(l'i'.occ3) & emp02 > 0 & !mi(emp02)
    replace occ3 = l'i'.occ3 ///
        if mi(occ3) & !mi(l'i'.occ3) & emp02 > 0 & !mi(emp02)

    replace occi = 1 if mi(occ3) & !mi(f'i'.occ3) & emp02 > 0 & !mi(emp02)
    replace occ3 = f'i'.occ3 ///
        if mi(occ3) & !mi(f'i'.occ3) & emp02 > 0 & !mi(emp02)
}

note occi: Created using occ3 and emp02; see retrieval Do-File

// 2-digit ISCO88 (Source: Ganzeboom and Treiman (1996))
gen occ2 = .
// Legislator (20)
replace occ2 = 11 if occ3==20
// Office Manager (30), Lodging Operat (51)
replace occ2 = 12 if inlist(occ3,30,51)
// Priv.Bus.Leadr (21) BusinessManagr (40), Rest./StoreMgr (50), Agriculturladm (60) Farm Manager (61)
replace occ2 = 13 if inlist(occ3,21,40,50,60,61)
replace occ2 = 21 if inlist(occ3,1,2,3,4,5,8,85)
// Doctor/Dentist/Vet (6), RelatMedicalJob (7)
replace occ2 = 22 if inlist(occ3,6,7)
// Educator (13)
replace occ2 = 23 if occ3==13
// Economist (9), Accountant (11), Lawyer (12), Cleric (14), Author (15), Sculptr/Paintr (16), Music/Perform(17), Scientist(19), Business Oper. (41)
replace occ2 = 24 if inlist(occ3,9,11,12,14,15,16,17,41)
// ComputerOperat (34), Inspector(70)
replace occ2 = 31 if inlist(occ3,34,70)
// Prof. Athlete (18), Administrator (31), Buyer(42), Tech.Salespers.(43), Insurance Rep. (44), Vendor(45), Broadcaster (86)
replace occ2 = 34 if inlist(occ3,18,31,42,43,44,86)
// Stenographer (32), Bookkeeper/Cash(33), Transp. Attend(35), Mailman(37), Ofc. Worker Etc (39)
replace occ2 = 41 if inlist(occ3,32,33,35,37,39)
// Tel. Operator (38)
replace occ2 = 42 if occ3==38
// Conductor (36), HH Supervisor(52) Cook/Waiter (53), Hair Stylist(57), SecurityServic(58), Service Worker (59), Soldier (101)
replace occ2 = 51 if inlist(occ3,36,52,53,57,58,59,101)
// Salesperson (49)
replace occ2 = 52 if inlist(occ3,49)
// Lumbrman/Axman (73),
replace occ2 = 61 if occ3==73
// Fisher/Hunter (64),
replace occ2 = 62 if occ3==64
// Miner (71), Stone Cutter (82), Pipe Fitter (87), Glazier (89), Painter (93), Bricklay/Carpt (95)
replace occ2 = 71 if inlist(occ3,71,82,87,89,93,95)
// Tool/Die Maker (83), Machine Fitter (84)
replace occ2 = 72 if inlist(occ3,83,84)
// Jewelry Maker (88), Printer Etc. (92)
replace occ2 = 73 if inlist(occ3,88,92)
// Spinner/Weaver (75), Tanner/Furrier (76), Food Producer (77), Tobacco Producer (78), Tailor (79), Shoemaker (80), Cabinet Maker (81)
replace occ2 = 74 if inlist(occ3,75,76,77,78,79,80,81)
// Foundry Worker (72), ChemicalWorker (74), Stat.Mach.Oper (96), Convey. Oper. (97)
replace occ2 = 81 if inlist(occ3,72,74,96,97)
// RubberProducer (90) Paper Producer (91)
replace occ2 = 82 if inlist(occ3,90,91)
// Domest Help (54), Janitor(55), Dry-Cleaner56)
replace occ2 = 91 if inlist(occ3,54,55,56)
// Farm Hand (62), Forestry Work (63)
replace occ2 = 92 if inlist(occ3,62,63)
// Manufacturer (94), Transport.Oper (98), Labor/Craftsmn (99)
replace occ2 = 93 if inlist(occ3,94,98,99)
note occ2: Created using occ3; see retrival Do-File

// 2-digit ISCO88 (Source: Ganzeboom and Treiman (1996))
gen occ1:occ1 =.
replace occ1 = 1 if inrange(occ2,11,13)
replace occ1 = 2 if inrange(occ2,21,24)
replace occ1 = 3 if inrange(occ2,31,34)
replace occ1 = 4 if inrange(occ2,41,42)
replace occ1 = 5 if inrange(occ2,51,52)
replace occ1 = 6 if inrange(occ2,61,62)
replace occ1 = 7 if inrange(occ2,71,74)
replace occ1 = 8 if inrange(occ2,81,83)
replace occ1 = 9 if inrange(occ2,91,93)
lab define occ1 ///
    1 "Legislators, Senior Officials and Managers" ///
    2 "Professionals" ///
    3 "Technicians and Associate professionals" ///
    4 "Clerks" ///
    5 "Service workers and shop and market sales workers" ///
    6 "Skilled agricultural and fishery workers" ///
    7 "Craft and related trades workers" ///
    8 "Plant and machine operators and assemblers" ///
    9 "Elementary occupations"
note occ1: Created using occ2; see retrival Do-File

*** 4.3.5 Lead Earner
gen xmiss = mi(inc01,age)
gen leadearn:yesno=0
bys xmiss year x11102 (inc01 age): replace leadearn = _n=-_N if lmiss
drop xmiss

*** 4.3.6 EGP

// < 2001: present main job, head, wife
// 03-07: present or most recent main job, head, wife

gen egp10i:egp10 = .
replace egp10i = 1 if inlist(occ3,1,2,6,8,9,11,12,19,20,51,85)
replace egp10i = 2 if inlist(occ3,4,15,16,17,18,21,30,31,34,35,36,40,41,42,43,44,45,50,70,86)
replace egp10i = 3 if inlist(occ3,32,33,38,39,49,59)
// replace egp10i = 4 if inlist(occ3,)
// replace egp10i = 7 if inlist(occ3,)
replace egp10i = 8 if inlist(occ3,57,74,76,77,78,79,80,81,83,84,87,88,92,93,101)
replace egp10i = 9 if inlist(occ3,37,52,54,55,56,71,72,75,82,89,90,91,94,96,97,98,99)
replace egp10i = 10 if inlist(occ3,60,62,63,64,73)
replace egp10i = 5 if emp13==3 // "self-employed only"(3)
replace egp10i = 11 if inlist(occ3,61) // including self-employed farm-workers

// not classified so far, critical: 3,5,7,13,14,53,58,95 (22361 obs.)
// for example: 7 "RelatMedicalJob" can include pharmacists and nurses
// or 53 "Cook/Waiter": Cook would be 8 but Waiter would be 9 according to G&T(1996)
replace egp10i = 1 if occ3==3
replace egp10i = 1 if occ3==5
replace egp10i = 2 if occ3==7
replace egp10i = 2 if occ3==13
replace egp10i = 2 if occ3==14
replace egp10i = 8 if occ3==53
replace egp10i = 8 if occ3==58 // police men, firefighter, prison guards
replace egp10i = 8 if occ3==95 // Bricklay=8/Carpenter=9

lab define egp10 ///
  1 "Higher Service" ///
  2 "Lower Service" ///
  3 "Routine Clerical/Sales" ///
  4 "originally small employers: self-empl w/ empl" ///
  5 "Self-Employed w and w/o empl" ///
  7 "Manual Foremen" ///
  8 "Skilled Manual" ///
  9 "Semi-Unskilled Manual" ///
10 "Unskilled Manual and Farm Workers" ///
11 "Farmers/Farm Managers, self-empl and supervisory"

// EGP 7

gen egp7i:egp7 = .
replace egp7i = 1 if egp10==1
replace egp7i = 2 if egp10==2
replace egp7i = 3 if egp10==3
replace egp7i = 6 if egp10==8
replace egp7i = 7 if inlist(egp10,9,10)
replace egp7i = 4 if emp13==3
replace egp7i = 4 if egp10==11

lab define egp7 ///
    1 "Higher Service" ///
    2 "Lower Service" ///
    3 "Routine Clerical/Sales" ///
    4 "Self-Employed and Farmers/Farm Managers" ///
    5 "Manual Foremen" ///
    6 "Skilled Manual" ///
    7 "Unskilled Manual and Farm Workers"

// EGP of lead earner
bys year x11102 (leadearn): gen egp10:egp10 = egp10i[_N]
bys year x11102 (leadearn): gen egp7:egp7 = egp7i[_N]

*** 4.3.7 Income

// Set negative incomes to zero
foreach var of varlist inc* {
    count if `var' < 0
    if r(N) > 0 char define `var'[corrections] `"\r(N)" obs with values <0 set to 0''
    replace `var' = 0 if `var' < 0
}

// Equivalent Scale
gen inc03eq = inc03/(1 + .5*(fu01 - ch01 - 1) + .3*ch02)
gen inc04eq = inc04/(1 + .5*(fu01 - ch01 - 1) + .3*ch02)

// Consumer Price Index (Base year 2011)
preserve
clear
input year cpi
1968 6.46
1969 6.13
1970 5.80
1971 5.55
1972 5.38
1973 5.07
1974 4.56
1975 4.18
1976 3.95
1977 3.71
1978 3.45
1979 3.10
1980 2.73
1981 2.47
1982 2.33
1983 2.26
1984 2.16
1985 2.09
1986 2.05
1987 1.98
1988 1.90
1989 1.81
1990 1.72
1991 1.65
1992 1.60
1993 1.56
1994 1.52
1995 1.48
1996 1.43
1997 1.40
1999 1.35
2001 1.27
2003 1.22
2005 1.15
2007 1.08
2009 1.05
2011 1.00
end
tempfile cpi
save `cpi', replace
restore
merge m:1 year using `cpi', nogen
foreach var of varlist inc01 inc02 inc03 inc04 inc05 inc08 inc10 {
    replace `var' = `var'*cpi
}
replace inc06 = 0 if inc06 == 5 & year == 1969
char define inc06[corrections] "Value 5 in 1969 changed to 0"

// Top Coding of Expenditures varied over time
replace exp02 = .t if exp02 == 9999 & year <= 1975
replace exp02 = .t if exp02 == 9998 & year >= 1976 & year <= 1979
replace exp02 = .t if exp02 == 99998 & year >= 1985 & year <= 1993
replace exp02 = .t if exp02 == 999997 & year >= 1994 & year <= 1997
replace exp02 = .t if exp02 == 9999997 & year > 1997
replace exp02 = .a if year > 1975 & year < 1980 & exp02 == 9999
replace exp02 = .a if year >= 1985 & year <= 1997 & exp02 == 9999
replace exp02 = .a if year >= 1999 & year <= 1911 & exp02 == 99999
replace exp02 = .a if year >= 1999 & year <= 1911 & exp02 == 999999

replace exp02 = exp02 * cpi
label variable exp02 "Cost Child Care (2011 prices)"
label variable cpi "Consumer Price Index based on 2011"

replace exp02 = .t if exp02 >= (9998 * 3.95)
replace exp02 = ceil(9998 * 3.95) if exp02 == .t

// Work in Progress

replace ch02 = . if ch02 == 8
replace edu01 = 2 if edu01 == 0 & year <= 1972
replace edu01 = 5 if edu01 == 0 & year == 1968
replace edu06fthr = . if edu06fthr == 9
replace edu06fthr = . if edu06fthr == 99
replace edu06mthr = . if edu06mthr == 99
replace mthus = . if mthus == 8
replace sbdyus = . if sbdyus == 8

rename strat psu

// sup03
replace sup03 = 15 if sup03 == 16 & year == 1994
replace sup03 = 15 if sup03 == 16 & year == 1994
replace sup03 = 25 if sup03 == 17 & year == 1994
replace sup03 = 28 if sup03 == 19 & year == 1994
replace sup03 = 30 if sup03 == 36 & year == 1994
replace sup03 = 33 if sup03 == 31 & year == 1994
replace sup03 = 33 if sup03 == 37 & year == 1994
replace sup03 = 35 if sup03 == 32 & year == 1994
replace sup03 = 35 if sup03 == 38 & year == 1994
replace sup03 = 83 if sup03 == 33 & year == 1994
replace sup03 = 83 if sup03 == 34 & year == 1994
replace sup03 = 83 if sup03 == 39 & year == 1994
replace sup03 = 83 if sup03 == 40 & year == 1994
replace sup03 = 83 if sup03 == 43 & year == 1994
replace sup03 = 83 if sup03 == 45 & year == 1994
replace sup03 = 40 if sup03 == 45 & year == 1994
replace sup03 = 40 if sup03 == 50 & year == 1994
replace sup03 = 47 if sup03 == 46 & year == 1994
replace sup03 = 47 if sup03 == 51 & year == 1994
replace sup03 = 48 if sup03 == 47 & year == 1994
replace sup03 = 48 if sup03 == 49 & year == 1994
replace sup03 = 48 if sup03 == 52 & year == 1994
replace sup03 = 48 if sup03 == 53 & year == 1994
replace sup03 = 48 if sup03 == 54 & year == 1994
replace sup03 = 50 if sup03 == 55 & year == 1994
replace sup03 = 50 if sup03 == 60 & year == 1994
replace sup03 = 57 if sup03 == 56 & year == 1994
replace sup03 = 57 if sup03 == 61 & year == 1994
replace sup03 = 58 if sup03 == 57 & year == 1994
replace sup03 = 58 if sup03 == 59 & year == 1994
replace sup03 = 58 if sup03 == 62 & year == 1994
replace sup03 = 58 if sup03 == 63 & year == 1994
replace sup03 = 58 if sup03 == 64 & year == 1994
replace sup03 = 60 if sup03 == 65 & year == 1994
replace sup03 = 60 if sup03 == 66 & year == 1994
replace sup03 = 65 if sup03 == 71 & year == 1994
replace sup03 = 65 if sup03 == 72 & year == 1994
replace sup03 = 66 if sup03 == 67 & year == 1994
replace sup03 = 66 if sup03 == 68 & year == 1994
replace sup03 = 67 if sup03 == 69 & year == 1994
replace sup03 = 67 if sup03 == 70 & year == 1994
replace sup03 = 68 if sup03 == 73 & year == 1994
replace sup03 = 68 if sup03 == 74 & year == 1994
replace sup03 = 69 if sup03 == 75 & year == 1994
replace sup03 = 69 if sup03 == 76 & year == 1994
replace sup03 = 70 if sup03 == 77 & year == 1994
replace sup03 = 70 if sup03 == 79 & year == 1994
replace sup03 = 71 if sup03 == 78 & year == 1994
replace sup03 = 71 if sup03 == 80 & year == 1994
replace sup03 = 72 if sup03 == 81 & year == 1994
replace sup03 = 72 if sup03 == 83 & year == 1994
replace sup03 = 73 if sup03 == 82 & year == 1994
replace sup03 = 73 if sup03 == 84 & year == 1994
replace sup03 = 74 if sup03 == 85 & year == 1994
replace sup03 = 74 if sup03 == 86 & year == 1994
replace sup03 = 75 if sup03 == 87 & year == 1994
replace sup03 = 75 if sup03 == 88 & year == 1994
replace sup03 = 88 if sup03 == 25 & year == 1994
replace sup03 = 88 if sup03 == 26 & year == 1994
replace sup03 = 95 if sup03 == 89 & year == 1994
replace sup03 = 95 if sup03 == 90 & year == 1994
replace sup03 = 96 if sup03 == 91 & year == 1994
replace sup03 = 96 if sup03 == 92 & year == 1994
replace sup03 = 97 if sup03 == 93 & year == 1994
replace sup03 = 97 if sup03 == 94 & year == 1994
replace sup03 = 97 if sup03 == 95 & year == 1994
replace sup03 = 97 if sup03 == 96 & year == 1994
replace sup03 = 98 if sup03 == 27 & year == 1994
replace sup03 = 98 if sup03 == 28 & year == 1994
replace sup03 = .a if sup03 == 998 & year == 1994
replace sup03 = .b if sup03 == 999 & year == 1994
replace sup03 = .b if sup03 == 99

** 4.4 Proper Variable Labels

*** 4.4.1 CNEF Variables

label variable rel2h "Relationship to Head"
label variable fu01 "Number of Persons in FU"
label variable ch01 "Number of Children Living with FU (Age 0-17)"
label variable ch02 "Number of Children Living with FU (Age 0-14)"
label variable age "Age"
label variable sex "Sex"
label variable race01 "Race"
label variable rent "Rent"
label variable edu00 "Completed Education"
label variable emp01 "Employment Status"
label variable emp02 "Hours Worked (CNEF)"
label variable occ3 "Occupation (ISCO-88, 3 digits)"
label variable occ2 "Occupation (ISCO-88, 2 digits)"
label variable occ1 "Occupation (ISCO-88, 1 digit)"
label variable occi "Occ. Imputed Using Nearest Neighbor"
label variable egp10 "EGP 10 of HH Lead Earner"
label variable egp7 "EGP 7 of HH Lead Earner"
label variable egp10i "EGP 10 (Individuals)"
label variable egp7i "EGP 7 (Individuals)"
label variable inc01 "Individual Labor Earnings"
label variable inc02 "HH Total Labor Income"
label variable inc03 "HH Pre Government Income"
label variable inc03eq "Equivalent Pre Government Income"
label variable inc04 "HH Post Government Income"
label variable inc04eq "Equivalent Post Government Income"
label variable inc05 "HH Assets Income"
label variable hlt01 "Asthma y/n"
label variable hlt02 "Blood Pressure y/n"
label variable hlt03 "Cancer y/n"
label variable hlt04 "Diabetes y/n"
label variable hlt05 "Heart Attack and Disease y/n"
label variable hlt08 "Stroke y/n"
label variable hlt10 "Self-Rated Health"
label variable adl01 "Difficulty Bathing"
label variable adl02 "Difficulty Dressing"
label variable adl04 "Difficulty Getting In/Out of Bed/Chair"
label variable adl07 "Difficulty Walking"
label variable adl08 "Problem Doing Heavy Housework"
label variable adl12 "Problem Shopping for Personal Items"
label variable wght01 "Cross Sectional Weight"
label variable wght02 "Longitudinal Weight"

***4.4.2 PSID Variables
label variable adl03V1 "Difficulty Eating"
label variable adl03V2 "Difficulty Eating"
label variable adl05V1 "Difficulty Going Outdoors"
label variable adl05V2 "Difficulty Going Outdoors"
label variable adl06V1 "Difficulty Using Toilet"
label variable adl06V2 "Difficulty Using Toilet"
label variable adl09V1 "Problem Doing Light Housework"
label variable adl09V2 "Problem Doing Light Housework"
label variable adl10V1 "Problem Managing Money"
label variable adl10V2 "Problem Managing Money"
label variable adl11V1 "Problem Preparing Meals"
label variable adl11V2 "Problem Preparing Meals"
label variable adl13V1 "Problem Using The Telephone"
label variable adl13V2 "Problem Using The Telephone"
label variable alc01h "Head: Ever Drink Alcohol"
label variable alc02h "Head: How Often Drink Alcohol"
label variable alc02p "Wife: How Often Drink Alcohol"
label variable brthcntry "Country Where Born"
label variable ch03 "Number Of Children Born In The Specific Year"
label variable ch04 "Total Number Of Children For Head"
label variable crm01 "Incarceration"
label variable crm02 "Ever Booked/Charged Breaking Law"
label variable crm03 "Spent Time In Corrections Institution"
label variable crm04 "Month Last Released"
label variable crm05 "Year Last Released"
label variable crm06 "Times Sent To Adult Corrections Institutions"
label variable crm07 "Times Sent To Youth Corrections Institutions"
label variable crm08 "Times Fu Was Asked To Talk About School Behavior"
label variable dbt01 "Value Of All Debts"
label variable dbt02 "Debts y/n"
label variable edu01 "Head Received Additional Training Outside Of School"
label variable edu02 "Field Of Study Head: Additional Training"
label variable edu03h "Head: Did You Attend College?"
label variable edu03p "Wife: Did You Attend College?"
label variable edu04h "College Degree Of Head"
label variable edu04p "College Degree Of Wife"
label variable edu05h "Highest Degree Received Of Head"
label variable edu05p "Highest Degree Of Wife Received"
label variable edu06fh "Education Of Head's Father"
label variable edu06fhrp "Education Of Wife's Father"
label variable edu06mthrh "Education Of Head's Mother"
label variable edu06mthrp "Education Of Wife's Mother"
label variable emp02V1 "Work Hours (PSID; recommended)"
label variable emp03 "Hours Unemployed"
label variable emp04 "Veteran"
label variable emp05 "Vacation In Prior Year"
label variable emp06 "Reason No Longer Has Previous Job"
label variable emp07 "Years Experience Since 18"
label variable emp08 "Actively Looking For Work"
label variable emp09 "Used Private Employment Agency Recently To Find Job"
label variable emp10 "Used Friend/Relative Recently To Find Job"
label variable emp11 "Establishment Size"
label variable emp12 "Business-Owned Industry"
label variable emp13 "Self-Employed"
label variable emp14 "Tenure With Employer (Months)"
label variable emp15 "Out Of Laborforce In Previous Year"
label variable emp16V1 "Union Member"
label variable emp16V2 "Union Member"
label variable emp16V3 "Union Member"
label variable emp17 "Union-Coverage"
label variable emp18 "Hours of Illness"
label variable emp19V1 "Work Loss-Illness"
label variable emp19V2 "Work Loss-Illness"
label variable emp20V1 "Work-Loss Strike-Head (Previous Year)"
label variable emp20V2 "Work-Loss Strike-Head (Previous Year)"
label variable emp20V3 "Work-Loss Strike-Head (Previous Year)"
label variable equ01 "Imputed Home Equity"
label variable equ02 "Value Of Checking/Savings Accounts"
label variable exp01 "Total Annual Utilities Paid"
label variable exp02 "Child Care Annual Spending"
label variable fthus01 "Father In Us 1968"
label variable fthus02 "Whether Father In Us Since Recent Years"
label variable fu02V1 "Current Family Composition"
label variable fu02V2 "Current Family Composition"
label variable fu02V3 "Current Family Composition"
label variable fu03 "Change In Family Composition In Past Year"
label variable fu04 "New in Family Unit"
label variable hlt09 "Psychological Distress Scale"
label variable htg01 "Ever Inherit Money/Property?"
label variable htg02 "Value Of First Inheritance"
label variable hwk01h "Housework Hours Of Head In An Average Week"
label variable hwk01p "Housework Hours Of Wife In An Average Week"
label variable hwk02 "Hours Of Unpaid Housework - Head And Wife"
label variable hwk03h "Annual Hours Spent On Housework By Husband"
label variable hwk03p "Annual Hours Spent On Housework By Wife Or Unmarried Head"
label variable hwk04 "Annual Hours Of Housework Done By Others In Fu"
label variable inc06 "Number Of Other Income Receivers In Fu Next To Head And Partner"
label variable inc07 "Number Of Other Labor Income Receivers In Fu"
label variable inc08 "Total Family Money Income/Needs"
label variable inc09 "Wife, Excluding Farm And Business-Total Labor Income"
label variable inc10 "Social Security Income Received By The Individual"
label variable int01 "Date Of Interview-Head"
label variable int02 "Language Of Interview"
label variable isr01 "Anyone In Family Covered By Health Insurance"
label variable isr02 "Medicaid"
label variable isr03 "Children's Health Insurance Plan"
label variable isr04 "Total Cost In Last Two Years For Health Insurance"
label variable mar09h "Number Of Marriages Of The Head"
label variable mar09p "Number Of The Marriages Of The Wife"
label variable mov01 "Fu Moved Since Last Interview"
label variable mov02 "Individual Moved Since Last Interview"
label variable mtg01 "Has A Mortgage"
label variable mtg02 "Second Mortgage?"
label variable mtg03 "Annual Mortgage Payment"
label variable mtg04 "Monthly Mortgage Payment - First Mortgage"
label variable mtg05 "Monthly Mortgage Payment - Second Mortgage"
label variable mtg06 "Mortgage Payments Include Property Taxes?"
label variable mtg07 "Accuracy Of Mortgage Owed"
label variable mtg08 "Accuracy Of The Annual Mortgage Payment"
label variable mtg09 "Remaining Mortgage Principle In The Specific Year"
label variable mthus "Mother In Us 1968"
label variable ntr01 "Fu Eat Main Meal Together"
label variable ntr02 "Food Stamps In Past Month"
label variable ntr03 "Food Stamps In Past Year"
label variable ntr04 "Food Stamps In Current Year"
label variable own01 "Sold Home In Past 5 Years"
label variable own02 "Selling Price Of Home Sold In Past 5 Years"
label variable own03 "Own Business Or Farm"
label variable own04V1 "Net Value Of Business Or Farm"
label variable own04V2 "Net Value Of Business Or Farm"
label variable own05 "Real Estate / Profit If Sold"
label variable own06 "Other Assets/ Profit If Sold"
label variable own07 "Money Invested In Real Estate / Real Estatee Bought In Last Five Years"
label variable par02 "Parents Are Poor Or Not"
label variable par03p "Economic Situation Of Wife's Family In Early Years"
label variable par04h "Head's Father's Occupation -- 1 Digit"
label variable par05V1h "Head's Father's Occupation -- 3 Digit"
label variable par05V2h "Head's Father's Occupation -- 3 Digit"
label variable par05V1p "Wife's Father's Occupation"
label variable par05V2p "Wife's Father's Occupation"
label variable par05V3p "Wife's Father's Occupation"
label variable par05V4p "Wife's Father's Occupation"
label variable par06V1h "Head's Mother's Occupation -- 3 Digit"
label variable par06V2h "Head's Mother's Occupation -- 3 Digit"
label variable par06V1p "Wife's Mother's Occupation"
label variable par06V2p "Wife's Mother's Occupation"
label variable par06V3p "Wife's Mother's Occupation"
label variable pen01h "Estimate Of Pension Benefits -- Annual Dollar Head"
label variable pen02h "Estimate Of Pension Benefits -- Lump Sum Head"
label variable pen02p "Estimate Of Pension Benefits -- Lump Sum Wife"
label variable pen03h "Estimate Of Pension Benefits -- Payment Amount Head"
label variable pen03p "Estimate Of Pension Benefits -- Payment Amount Wife"
label variable prp01 "Homeownership"
label variable prp02 "Real Estate Other Than Main Home"
label variable prp03 "Imputed: Real Estate Other Than Main Home"
label variable prp04 "House Value"
label variable prp06 "Value Of The Parent's House"
label variable prp07 "Type Of Housing Structure"
label variable prp08 "Fully Subsidized Housing"
label variable prp09 "Partially Subsidized Housing"
label variable prp10 "Public Housing"
label variable prp11 "Rents In Public Housing Project"
label variable prp12V1 "Economic Information About The Parents - Own Or Rent House"
label variable prp12V2 "Economic Information About The Parents - Own Or Rent House"
label variable race02 "Hispanic Origin"
label variable rel01V1 "Church Attendance"
label variable rel01V2 "Church Attendance"
label variable rel02h "Religious Preference Of Head"
label variable rel02p "Religious Preference Of Wife"
label variable sbdyus "Individual In Us In 1968"
label variable sib01h "Head Has Brothers Living"
label variable sib01p "Wife Has Brothers Living"
label variable sib02V1h "Head Has Sisters Still Living"
label variable sib02V2h "Head Has Sisters Still Living"
label variable sib02p "Wife Has Sisters Living"
label variable sib03V1h "Head Number Of Brothers And Sisters"
label variable sib03V2h "Head Number Of Brothers And Sisters"
label variable sib03V3h "Head Number Of Brothers And Sisters"
label variable sib03V1p "Wife Number Of Brothers And Sisters"
label variable sib03V2p "Wife Number Of Brothers And Sisters"
label variable sib03V3p "Wife Number Of Brothers And Sisters"
label variable sinc11 "Receivers Of Supplemental Security Income"
label variable sinc12 "Receivers Of Tanf"
label variable smkh "Head: Smoke Now"
label variable smkp "Wife: Smoke Now"
label variable sta01fips "State Fips Code"
label variable sta01gsa "State Gsa Code"
label variable sta02fips "State Where Head Grew Up -- Fips"
label variable sta02gsa "State Where Head Grew Up - Gsa"
label variable sup01 "Dependents Outside Of Fu"
label variable sup02 "Amount Paid To Dependents Outside Of Fu"
label variable sup03 "Relationship To Dependents Outside Of Fu"
label variable wlt01 "Total Family Wealth, Without Equity"
label variable wlt02 "Total Family Wealth, With Home Equity"
label variable wlt03V1 "Family Stocks"
label variable wlt03V2 "Family Stocks"
label variable wlt04 "Needs Standards"
label variable wlt05 "Annual Need Standard"

*** 4.4.3 Produced by -reshape-/Organization
label variable year "Year"
label variable x11102 "Interview Number"
label variable xsqnr "Sequence Number"

** 4.5 Proper Value Labels

do `lbldo'.

foreach var of varlist ///
    occ3 hlt10 hlt08 hlt05 hlt04 hlt02 emp01 adl12 adl08 adl07 adl04  ///
    adl02 adl01 {
    label value `var' `var'
}
labeldup, select names(emp01)
*labelrename adl01 apply
labelrename emp01 emp

recode fu04 (5=0)

label define yesno 0 "No" 1 "Yes"

foreach var of varlist fu04 emp15 occi dbt02 {
    label value `var' yesno
}

label define apply 0 "Does not apply" 1 "applies"
*label value apply

label define fu03 ///
0 "No change" ///
1 "Change in members other than Head or Partner" ///
2 "Change in Partner" ///
3 "Partner became Head" ///
4 "Female Head got married, Partner is Head" ///
5 "New Head that was not Heat/Partner before" ///
6 "New Partner of non-Head female becomes Head" ///
7 "Institutional Partner of female Head becomes Head" ///
8 "Other changes" ///
9 "New nonsample Head"
label value fu03 fu03
label value ch03 ch03
label define ch03 1 "One children" 2 "Two children"

label value race02 race02
label define race02 ///
    1 "Mexican" ///
    2 "Mexican American" ///
    3 "Chicano" ///
    4 "Puerto Rican" ///
    5 "Cuban" ///
    6 "Combination"
    7 "Other Spanish; Hispanic; Latino"

* 5 Order, clean and save
compress
aorder
order x11101ll x11102* xsqnr*
save wzbpsid_cr01V2, replace

exit

* Appendix

** Note 1

CNEF work hours Variable contains practically no zeros in 1995-97, (missing values in CNEF). For most other cases CNEF and PSID values are identical; if different, PSID values look more plausible (Heisig, 14.3.2012)