

Explanation of Data Files

For Valerie A. Ramey and Neville Francis, “A Century of Work and Leisure”

AEJMacro2007-035

1. Excel Files. The main data file, with many of the calculations, is in Main_Data.xls. Auxiliary data are given in School_Hours.xls and Health_Data.xls.
2. The calculations from the Census and the CPS are given in Stata .do files. These files, with the data sets they use, are as follows:

Stata Do file	Data set used	Purpose
Pop190030.do, pop194050.do, pop196070.do, pop198000.do	Extracts from IPUMS	Calculate noninstitutional population by age and sex
Empteen190030.do	Extracts from IPUMS	Calculates employment rates for teens to adjust for March versus summer employment. Info is fed into hrs190030.do program.
Hefactor.do	Extracts from IPUMS	Uses Census data to compute the ratio of hours per worker by age-sex group relative to the aggregate. These factors are fed into the hrs190030.do program.
Hrs190030.do, Hrs194050.do, Hrs196070.do	Extracts from IPUMS, interval50.dta, interval80.dta	Use Census data to calculate the fraction of total hours worked by each age group, 1900-60.
Hrs196207.do	Mcps5.dta	Uses March CPS data to calculate the fraction of total civilian hours worked by each age group, annually 1962-2005.
Militaryhrs.do	Extracts from IPUMS, interval50.dta and interval80.dta	Uses Census data to calculate the fraction of total military hours worked by each age group, 1950 – 2000.
Schoolcensus.do	Extracts from IPUMS	Calculates fraction who are enrolled in school.
Emppop.do, unemp0030.do, unemp4050.do, Femalehp.do, marst.do	Extracts from IPUMS	Calculates employment-population ratios, marital status, children, for estimating home production

Extracts from IPUMS can be obtained as follows:

1. Go to <http://usa.ipums.org/usa/> and set up a (free) user account.
2. Click “Create a Data Extract.”

Here is the extract we used to create empschool190030.dta (which is used by hrs190030.do).

Extract Request Summary

Samples

1900 1% sample with oversamples	Regular
1910 1.4% sample with oversamples	Regular
1920 1% sample	Regular
1930 1% sample	Regular

Extract File Type

Rectangular

Case Selection

None

Variables

H [YEAR](#)
H [GQ](#)
H [FARM](#)
P [PERWT](#)
P [RELATE](#) (general)
P [AGE](#)
P [SEX](#)
P [MARST](#)
P [SCHOOL](#)
P [EMPSTAT](#) (general)
P [LABFORCE](#)
P [OCC1950](#)
P [CLASSWKR](#) (general)

Here is the extract we used to create hhdat190020.do (which is used by femalehp.do).

Extract Request Summary

Samples

1900 1% sample with oversamples	Regular
1910 1.4% sample with oversamples	Regular
1920 1% sample	Regular

Extract File Type

Rectangular

Case Selection

None

Variables

H	<u>YEAR</u>
H	<u>DATANUM</u>
H	<u>SERIAL</u>
H	<u>NUMPREC</u>
H	<u>HHWT</u>
H	<u>URBAN</u>
H	<u>GQ</u>
H	<u>FARM</u>
H	<u>NFAMS</u>
H	<u>NCOUPLES</u>
H	<u>NMOTHERS</u>
H	<u>NFATHERS</u>
P	<u>PERNUM</u>
P	<u>PERWT</u>
P	<u>MOMLOC</u>
P	<u>POPLOC</u>
P	<u>FAMSIZE</u>
P	<u>NCHILD</u>
P	<u>NCHLT5</u>
P	<u>ELDCH</u>
P	<u>YNGCH</u>
P	<u>NSIBS</u>
P	<u>RELATE</u> (general)
P	<u>AGE</u>
P	<u>SEX</u>
P	<u>MARST</u>
P	<u>RACE</u> (general)

P [LABFORCE](#)

P [OCC1950](#)

The time use dataset calculations are given by:

Ahtustime.do	AHTUS data (available at: http://www.timeuse.org/ahtus/)	Estimates home production for 1965, 1975, 1985
BLStime.do	BLS_datasets.dta	Estimates home production for 2003-2005
Teen93.do, Teenah03.do	AHTUS and ATUS data sets. ATUS available at http://www.bls.gov/tus/#data	Estimates school time for younger groups in 1993 and 2003