

Problem set #4 data for 14.64  
Spring 2006  
data description for ps4.dta

March CPS extract, 1991  
(note: we're using the 1991 CPS extract because it's the latest to report years of education  
- later years group educational attainment into coarser categories)

sex: 1=male, 2=female

age: ranges from 18-64  
race: self-reported race:  
100 - white  
200 - black  
300 - American Indian / Aleut / Eskimo  
650 - Asian  
700 - other

marst: marital status  
1 - married, spouse present  
2 - married, spouse absent  
3 - separated  
4 - divorced  
5 - widowed  
6 - never married/single

occ: one-digit occupation codes (roughly). Correspond with:  
0 - professional occupations (i.e. professors, actors, athletes, pilots, engineers, chemists, teachers...)  
1 - farmers  
2 - managers, inspectors, administrators, entrepreneurs  
3 - clerical work, service sector sales (i.e. cashiers)  
4 - salesmen/saleswomen  
5 - craftsmen/craftswomen (bakers, carpenters, electricians, etc)  
6 - "operatives" (light laborers, drivers)  
7 - other service workers (housekeepers, barbers, bartenders, security guards, policemen, janitors, etc)  
9 - other laborers (fishermen, longshoremen, lumberjacks, gardeners, etc)  
note: I created this variable for you from occ\_long. You could be more precise if you wanted (but there's no need to for the problem set), see [https://beta.ipums.org/cps/codes/occ50ly\\_codes.shtml](https://beta.ipums.org/cps/codes/occ50ly_codes.shtml) for what occupations apply to specific occ\_long codes.

ind: one-digit industry codes. Correspond with:  
1 - agriculture, forestry, fishing  
2 - mining, construction

- 3 - manufacturing (durable goods)
- 4 - manufacturing (non-durable goods)
- 5 - transportation
- 6 - trade, merchants, retail
- 7 - finance
- 8 - business and repair services
- 9 - public administration

note: I created this variable for you from ind\_long. You could be more precise if you wanted (but there's no need to for the problem set), see [https://beta.ipums.org/cps/codes/ind50ly\\_codes.shtml](https://beta.ipums.org/cps/codes/ind50ly_codes.shtml) for what industries apply to specific ind\_long codes.

school: number of years of education

incwage: total labor income last year

wkswork1: number of weeks worked last year

uhrswork: number of usual hours worked per week last year

union: whether the worker is in a union or covered by a collective bargaining agreement:

0 - N/A (not working, probably)

1 - NO union coverage

2 - member of union

3 - employment is covered by a union contract, but not a member of a union

for purposes of the problem set, define union status as union=2 or union=3, and no union as everything else

TO GENERATE HOURLY WAGE: impute the hourly wage as:

$\text{incwage}/(\text{wkswork1}*\text{uhrswork})$