14.64 Problem set #4 data notes

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, entreprenuers
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 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

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: incwage/(wkswork1*xhrswork)