Contents

This file documents how Census Bureau ACS data files were merged and coded to create custom variables for AAF's 2020 ethnic profiles (published August 2022). Code to generate table statistics can be found in the accompanying Excel document. Definitions for original variables can be found in the respective ACS data dictionaries published by the US Census Bureau.

1. 2016-2020 PUMS Merged (population variables)

Data

```
*file directory setup – .csv files sourced from Census Bureau* cd
"C:/Users/annie/OneDrive - City University of New York/AAF Summer
2022/Ethnic Profiles/Data"

*import and save household and population files*
import delimited "C:\Users\annie\OneDrive - City University of New
York\AAF Summer 2022\Ethnic Profiles\Data\psam_h36.csv"
save 2020PUMS_5y_NYH
import delimited "C:\Users\annie\OneDrive - City University of New
York\AAF Summer 2022\Ethnic Profiles\Data\psam_p36.csv"
save 2020PUMS_5y_NYP
*merge datasets*
use 2020PUMS_5y_NYP
merge m:1 serialno using 2020PUMS_5y_NYH
drop if rt=="H"

*apply population weights*
svyset [pw=pwgtp], sdrweight(pwgtp1-pwgtp80) vce(sdr)

*save file*
save 2020PUMS_5yr_NYPMerged
```

Variables

```
*create Asian group labels*
label define rac2p 38 "Indian" 39 "Bangladeshi" 40 "Bhutanese" 41
"Burmese" 42 "Cambodian" 43 "Chinese" 44 "Taiwanese" 45 "Filipino" 46
"Hmong" 47 "Indonesian" 48 "Japanese" 49 "Korean" 50 "Laotian" 51
"Malaysian" 52 "Mongolian" 53 "Nepalese" 54 "Pakistani" 55 "Sri Lankan" 56
"Thai" 57 "Vietnamese" 58 "Other Asian" 59 "Multi-Asian"
label values rac2p rac2p

*create alone or in combination (AOIC) variable – for Chinese, Indian,
Korean, Japanese, Filipino, and Vietnamese only*
generate ChineseAOIC="Yes" if
inlist(rac3p,5,19,32,44,45,46,47,48,49,65,66,67,71,72,73,85,86,94,95
) generate IndianAOIC="Yes" if inlist(rac3p,4,18,31,39,42,43,76,93)
generate KoreanAOIC="Yes" if inlist(rac3p,8,22,35,46,54,98) generate
JapaneseAOIC="Yes" if
inlist(rac3p,7,21,34,45,50,54,55,66,69,73,88,94,97)
generate FilipinoAOIC="Yes" if
inlist(rac3p,6,20,33,40,44,50,51,52,53,61,63,65,68,71,72,77,85,87,96
) generate VietnameseAOIC="Yes" if inlist(rac3p,9,23,47,56,98)

*create nyc variable*
generate NYC=1 if puma>=3701& puma<=4114
```

```
*create borough variables*
generate Borough="Manhattan" if puma>=3801& puma<=3810
replace Borough="Bronx" if puma>=3701& puma<=3710
replace Borough="Brooklyn" if puma>=4001& puma<=4018
replace Borough="Queens" if puma>=4101& puma<=4114
replace Borough="StatenIsland" if puma>=3901& puma<=3903

*create age buckets variables*
generate agegroup="1 Children" if agep<18
replace agegroup="2 Adult" if agep>=18 & agep<65
replace agegroup="3 Senior" if agep>=65
*create sex labels*
label define sex 1 "male" 2 "female"
label values sex sex

*create mobility variable*
generate mobility="1. Did not move" if mig==1
replace mobility="3. Moved within US or Puerto Rico" if
mig==3 replace mobility="2. Moved within NYS" if migsp==36
replace mobility="4. Moved from abroad" if mig==2

*create year of entry variable*
generate yearofentry="1. Pre-2015" if yoep<2015 & yoep~=.
replace yearofentry="2. 2015 or later" if yoep>=2015 &
yoep~=.

*create foreign-born variable*
generate foreignborn="Foreign-born" if nativity==2
replace foreignborn="US or US-territory-born" if nativity==1

*create citizenship variable*
generate citizenship="US or US-territory born" if
inlist(cit,1,2,3) replace citizenship="Naturalized citizen" if
cit==4
replace citizenship="Non-citizen" if cit==5

*create schooling variable*
generate schooling="1. Less than 9th grade education" if
inlist(schl,1,2,3,4,5,6,7,8,9,10,11)
replace schooling="2. 9th grade or higher but not graduated from high
school" if inlist(schl, 12,13,14,15)
replace schooling="3. Graduated high school" if
inlist(schl,16,17) replace schooling="4. Some post-secondary
education" if  inlist(schl,18,19,20)
replace schooling="5. Bachelor's degree" if schl==21
replace schooling="6. Degree beyond a bachelor's" if inlist(schl,22,23,24)

*create limited English proficiency (LEP) variable*
generate lep="LEP" if inlist(eng,2,3,4)
replace lep="Speaks English very well" if eng==1
```

```stata
replace lep="Only speaks English" if eng==.

*create civilian employment status variable*
generate employment="civilian employed" if esr==1
replace employment=" civilian employed" if esr==2
replace employment="unemployed" if esr==3
replace employment="not in labor force" if esr==6

*create civilian self employment variable*
generate selfemployment="employed as employee" if inlist(cow,1,2,3,4,5) &
esr<=2
replace selfemployment="self-employed" if inlist(cow,6,7) & esr<=2
replace selfemployment="working without pay" if cow==8 & esr<=2
replace selfemployment="unemployed or never worked" if cow==9 &
esr<=2


*create industry variable*
generate industry="AGR" if indp>=170 & indp<=290
replace industry="EXT" if indp>=370 & indp<=490
replace industry="UTL" if indp>=570 & indp<=690
replace industry="CON" if indp==770
replace industry="MFG" if indp>=1070 & indp<=3990
replace industry="WHL" if indp>=4070 & indp<=4590
replace industry="RET" if indp>=4670 & indp<=5790
replace industry="TRN" if indp>=6070& indp<=6390
replace industry="INF" if indp>=6470& indp<=6780
replace industry="FIN" if indp>=6870& indp<=7190
replace industry="PRF" if indp>=7270& indp<=7790
replace industry="EDU" if indp>=7860& indp<=7890
replace industry="MED" if indp>=7970& indp<=8290
replace industry="SCA" if indp>=8370& indp<=8470
replace industry="ENT" if indp>=8561& indp<=8690
replace industry="SRV" if indp>=8770& indp<=9290
replace industry="ADM" if indp>=9370& indp<=9590
replace industry="MIL" if indp>=9670& indp<=9870
replace industry="UNEMPLOYED" if indp==9920

*adjust personal income for inflation*
generate pincip1=pincp*(adjinc/1000000)

*create poverty status variable*
generate povstatus = "Under poverty line" if povpip<100 replace
povstatus = "Near poverty" if (povpip>=100 & povpip<200)
replace povstatus = "Not in poverty" if povpip>=200
replace povstatus = "Missing" if missing(povpip)

*label health insurance coverage data*
label define hicov 1 "yes" 2 "no"
label values hicov hicov
```

```
*label private health insurance coverage data*
label define privcov 1 "yes" 2 "no"
label values privcov privcov

*label public health insurance coverage data*
label define pubcov 1 "yes" 2 "no"
label values pubcov pubcov

*label Medicaid data*
label define hins4 1 "yes" 2 "no"
label values hins4 hins4
```

2. 2016-2020 PUMS Merged (household variables)

Data

```
*open household dataset previously saved*
cd "C:/Users/annie/OneDrive - City University of New York/AAF Summer
2022/Ethnic Profiles/Data"
use "C:\Users\annie\OneDrive - City University of New York\AAF Summer
2022\Ethnic Profiles\Data\2020PUMS_5y_NYH.dta"

*merge datasets and drop duplicates*
merge 1:m serialno using 2020PUMS_5y_NYP
duplicates drop serialno, force

*apply household weights*
svyset [pw=wgtp], sdrweight(wgtp1-wgtp80) vce(sdr)

*save file*
save 2020PUMS_5yr_NYHMerged
```

Variables

```
*create Asian group labels*
label define rac2p 38 "Indian" 39 "Bangladeshi" 40 "Bhutanese" 41
"Burmese" 42 "Cambodian" 43 "Chinese" 44 "Taiwanese" 45 "Filipino" 46
"Hmong" 47 "Indonesian" 48 "Japanese" 49 "Korean" 50 "Laotian" 51
"Malaysian" 52 "Mongolian" 53 "Nepalese" 54 "Pakistani" 55 "Sri Lankan" 56
"Thai" 57 "Vietnamese" 58 "Other Asian" 59 "Multi-Asian"
label values rac2p rac2p
```

*create *alone or in combination (AOIC)* variable – for Chinese, Indian,
Korean, Japanese, Filipino, and Vietnamese only*
```
generate ChineseAOIC="Yes" if
inlist(rac3p,5,19,32,44,45,46,47,48,49,65,66,67,71,72,73,85,86,94,95
) generate IndianAOIC="Yes" if inlist(rac3p,4,18,31,39,42,43,76,93)
generate KoreanAOIC="Yes" if inlist(rac3p,8,22,35,46,54,98) generate
```

```
JapaneseAOIC="Yes" if
inlist(rac3p,7,21,34,45,50,54,55,66,69,73,88,94,97)
generate FilipinoAOIC="Yes" if
inlist(rac3p,6,20,33,40,44,50,51,52,53,61,63,65,68,71,72,77,85,87,96
) generate VietnameseAOIC="Yes" if inlist(rac3p,9,23,47,56,98)

*create nyc variable*
generate NYC=1 if puma>=3701& puma<=4114
*create borough variables*
generate Borough="Manhattan" if puma>=3801& puma<=3810
replace Borough="Bronx" if puma>=3701& puma<=3710
replace Borough="Brooklyn" if puma>=4001& puma<=4018
replace Borough="Queens" if puma>=4101& puma<=4114
replace Borough="StatenIsland" if puma>=3901& puma<=3903


*adjust family income for inflation*
generate fincip1=fincp*(adjinc/1000000)

*adjust household income for inflation*
generate hincip1=hincp*(adjinc/1000000)


*label food stamp / SNAP data*
label define fs 1 "yes" 2 "no"
label values fs fs

*create computer access variable*
generate owncomputer="Yes" if compothx==1 | laptop==1 | smartphone==1 |
tablet==1
replace owncomputer="No" if compothx==2 & laptop==2 & smartphone==2 &
tablet==2

*create internet access variable*
generate internet="Yes" if accessinet==1
replace internet="Yes" if accessinet==2
replace internet="No" if accessinet==3

*create overcrowding variable*
generate occupantsperroom=np/rmsp
generate overcrowded="Yes" if occupantsperroom>1 & type==1 &
np>0 replace overcrowded="No" if occupantsperroom<=1 & type==1 &
np>0

*create homeownership status variable*
generate homeowner="Homeowner" if ten==1 | ten==2
replace homeowner="Renter" if ten==3
replace homeowner="Occupied without payment of rent" if ten==4

*create rent burden variable*
```

```
generate rentburden="2 Rent burdened" if grpip>=30 &
grpip>50 replace rentburden="3 Severely rent burdened" if
grpip>=50 replace rentburden="1 Not rent burdened" if
grpip<30
```

3. 2011-2015 PUMS Merged (population variables)

Data

```
*file directory setup — .csv files sourced from Census Bureau* cd
"C:/Users/annie/OneDrive - City University of New York/AAF Summer
2022/Ethnic Profiles/Data"

*import and save household and population files*
import delimited "C:\Users\annie\OneDrive - City University of New
York\AAF Summer 2022\Ethnic Profiles\Data\ss15pny.csv", clear  save
"C:\Users\annie\OneDrive - City University of New York\AAF Summer
2022\Ethnic Profiles\Data\2015PUMS_5y_NYP.dta"
import delimited "C:\Users\annie\OneDrive - City University of New
York\AAF Summer 2022\Ethnic Profiles\Data\ss15hny.csv", clear  save
"C:\Users\annie\OneDrive - City University of New York\AAF Summer
2022\Ethnic Profiles\Data\2015PUMS_5y_NYH.dta"

*merge datasets*
use "C:\Users\annie\OneDrive - City University of New York\AAF Summer
2022\Ethnic Profiles\Data\2015PUMS_5y_NYP.dta"
merge m:1 serialno using 2015PUMS_5y_NYH
drop if rt=="H"

*apply population weights*
svyset [pw=pwgtp], sdrweight(pwgtp1-pwgtp80) vce(sdr)

*save file*
save 2015PUMS_5yr_NYPMerged
```

Variables

```
*create Asian group labels — part 1*
generate rac2p="Indian" if rac2p05==40
replace rac2p="Bangladeshi" if rac2p05==41
replace rac2p="Cambodian" if rac2p05==42
replace rac2p="Chinese" if rac2p05==43
replace rac2p="Filipino" if rac2p05==44
replace rac2p="Hmong" if rac2p05==45
replace rac2p="Indonesian" if rac2p05==46
replace rac2p="Japanese" if rac2p05==47
replace rac2p="Korean" if rac2p05==48
replace rac2p="Laotian" if rac2p05==49
```

```
replace rac2p="Malaysian" if rac2p05==50
replace rac2p="Pakistani" if rac2p05==51
replace rac2p="Sri Lankan" if rac2p05==52
replace rac2p="Thai" if rac2p05==53
replace rac2p="Vietnamese" if rac2p05==54
replace rac2p="Other Asian" if rac2p05==55
replace rac2p="Asian, not specified" if rac2p05==56
replace rac2p="Multi-Asian" if rac2p05==57
replace rac2p="Two or more races" if rac2p05==67

*create Asian group labels – part 2*
replace rac2p="Indian" if rac2p12==38
replace rac2p="Bangladeshi" if rac2p12==39
replace rac2p="Bhutanese" if rac2p12==40
replace rac2p="Burmese" if rac2p12==41
replace rac2p="Cambodian" if rac2p12==42
replace rac2p="Chinese" if rac2p12==43
replace rac2p="Taiwanese" if rac2p12==44
replace rac2p="Filipino" if rac2p12==45
replace rac2p="Hmong" if rac2p12==46
replace rac2p="Indonesian" if rac2p12==47
replace rac2p="Japanese" if rac2p12==48
replace rac2p="Korean" if rac2p12==49
replace rac2p="Laotian" if rac2p12==50
replace rac2p="Malaysian" if rac2p12==51
replace rac2p="Mongolian" if rac2p12==52
replace rac2p="Nepalese" if rac2p12==53
replace rac2p="Pakistani" if rac2p12==54
replace rac2p="Sri Lankan" if rac2p12==55
replace rac2p="Thai" if rac2p12==56
replace rac2p="Vietnamese" if rac2p12==57
replace rac2p="Other Asian" if rac2p12==58
replace rac2p="Multi-Asian" if rac2p12==59
replace rac2p="Two or more races" if rac2p12==68

*create alone or in combination (AOIC) variable – for Chinese, Indian,
Korean, Japanese, Filipino, and Vietnamese only*
generate ChineseAOIC="Yes" if
inlist(rac3p05,19,20,21,22,23,24,25,26,41,60,61,62)
replace ChineseAOIC="Yes" if
inlist(rac3p12,5,19,32,44,45,46,47,48,49,65,66,67,71,72,73,85,86,94,95)
generate IndianAOIC="Yes" if inlist(rac3p05,27,28,29,42,63) replace
IndianAOIC="Yes" if inlist(rac3p12,4,18,31,39,42,43,76,93) generate
KoreanAOIC="Yes" if inlist(rac3p05,10,13,38,55) replace KoreanAOIC="Yes"
if inlist(rac3p12,8,22,35,46,54,98) generate JapaneseAOIC="Yes" if
inlist(rac3p05,11,12,13,14,17,23,39,56,57) replace JapaneseAOIC="Yes" if
inlist(rac3p12,7,21,34,45,50,54,55,66,69,73,88,94,97)
generate FilipinoAOIC="Yes" if
inlist(rac3p05,15,16,17,18,24,25,40,58,59,61)
replace FilipinoAOIC="Yes" if
```

```
inlist(rac3p12,6,20,33,40,44,50,51,52,53,61,63,65,68,71,72,77,85,87,96
) generate VietnameseAOIC="Yes" if inlist(rac3p05,9,22,54) replace
VietnameseAOIC="Yes" if inlist(rac3p12,9,23,47,56,98)
*create nyc variable*
generate NYC=1 if puma00>=3701& puma00<=4114
replace NYC=1 if puma10>=3701& puma10<=4114

*create borough variables*
generate Borough="Manhattan" if puma00>=3801& puma00<=3810
replace Borough="Manhattan" if puma10>=3801 & puma10<=3810
replace Borough="Bronx" if puma00>=3701& puma00<=3710
replace Borough="Bronx" if puma10>=3701& puma10<=3710
replace Borough="Brooklyn" if puma00>=4001& puma00<=4018
replace Borough="Brooklyn" if puma10>=4001& puma10<=4018
replace Borough="Queens" if puma00>=4101& puma00<=4114
replace Borough="Queens" if puma10>=4101& puma10<=4114
replace Borough="StatenIsland" if puma00>=3901&
puma00<=3903 replace Borough="StatenIsland" if
puma10>=3901& puma10<=3903

*create age buckets variables*
generate agegroup="1 Children" if agep<18
replace agegroup="2 Adult" if agep>=18 & agep<65
replace agegroup="3 Senior" if agep>=65

*create sex labels*
label define sex 1 "male" 2 "female"
label values sex sex

*create mobility variable*
generate mobility="1. Did not move" if mig==1
replace mobility="3. Moved within US or Puerto Rico" if
mig==3 replace mobility="2. Moved within NYS" if migsp05==36
replace mobility="2. Moved within NYS" if migsp12==36 replace
mobility="4. Moved from abroad" if mig==2

*create year of entry variable*
generate yearofentry="1. Pre-2010" if yoep05>0 & yoep05~=.
replace yearofentry="1. Pre-2010" if yoep12>0 & yoep12~=. replace
yearofentry="2. 2010 or later" if yoep05>=2010 & yoep05~=.
replace yearofentry="2. 2010 or later" if yoep12>=2010 &
yoep12~=.

*create foreign-born variable*
generate foreignborn="Foreign-born" if nativity==2
replace foreignborn="US or US-territory-born" if nativity==1

*create citizenship variable*
generate citizenship="US or US-territory born" if
inlist(cit,1,2,3) replace citizenship="Naturalized citizen" if
```

```
cit==4
replace citizenship="Non-citizen" if cit==5

*create schooling variable*
generate schooling="1. Less than 9th grade education" if
inlist(schl,1,2,3,4,5,6,7,8,9,10,11)
replace schooling="2. 9th grade or higher but not graduated from high
school" if inlist(schl, 12,13,14,15)
replace schooling="3. Graduated high school" if
inlist(schl,16,17) replace schooling="4. Some post-secondary
education" if  inlist(schl,18,19,20)
replace schooling="5. Bachelor's degree" if schl==21
replace schooling="6. Degree beyond a bachelor's" if inlist(schl,22,23,24)

*create limited English proficiency (LEP) variable*
generate lep="LEP" if inlist(eng,2,3,4)
replace lep="Speaks English very well" if eng==1
replace lep="Only speaks English" if eng==.

*create civilian employment status variable*
generate employment="civilian employed" if esr==1
replace employment=" civilian employed" if esr==2
replace employment="unemployed" if esr==3
replace employment="not in labor force" if esr==6

*create civilian self employment variable*
generate selfemployment="employed as employee" if inlist(cow,1,2,3,4,5) &
esr<=2
replace selfemployment="self-employed" if inlist(cow,6,7) & esr<=2
replace selfemployment="working without pay" if cow==8 & esr<=2
replace selfemployment="unemployed or never worked" if cow==9 &
esr<=2


*create industry variable*
generate industry="AGR" if indp>=170 & indp<=290
replace industry="EXT" if indp>=370 & indp<=490
replace industry="UTL" if indp>=570 & indp<=690
replace industry="CON" if indp==770
replace industry="MFG" if indp>=1070 & indp<=3990
replace industry="WHL" if indp>=4070 & indp<=4590
replace industry="RET" if indp>=4670 & indp<=5790
replace industry="TRN" if indp>=6070& indp<=6390
replace industry="INF" if indp>=6470& indp<=6780
replace industry="FIN" if indp>=6870& indp<=7190
replace industry="PRF" if indp>=7270& indp<=7790
replace industry="EDU" if indp>=7860& indp<=7890
replace industry="MED" if indp>=7970& indp<=8290
replace industry="SCA" if indp>=8370& indp<=8470
replace industry="ENT" if indp>=8561& indp<=8690
```

```
replace industry="SRV" if indp>=8770& indp<=9290
replace industry="ADM" if indp>=9370& indp<=9590
replace industry="MIL" if indp>=9670& indp<=9870
replace industry="UNEMPLOYED" if indp==9920
*adjust personal income for inflation*
generate pincip1=pincp*(adjinc/1000000)

*create poverty status variable*
generate povstatus = "Under poverty line" if povpip<100 replace
povstatus = "Near poverty" if (povpip>=100 & povpip<200)
replace povstatus = "Not in poverty" if povpip>=200
replace povstatus = "Missing" if missing(povpip)

*label health insurance coverage data*
label define hicov 1 "yes" 2 "no"
label values hicov hicov

*label private health insurance coverage data*
label define privcov 1 "yes" 2 "no"
label values privcov privcov

*label public health insurance coverage data*
label define pubcov 1 "yes" 2 "no"
label values pubcov pubcov

*label Medicaid data*
label define hins4 1 "yes" 2 "no"
label values hins4 hins4
```

4. 2011-2015 PUMS Merged (household variables)

Data

```
*open household dataset previously saved*
cd "C:/Users/annie/OneDrive - City University of New York/AAF Summer
2022/Ethnic Profiles/Data"
use "C:\Users\annie\OneDrive - City University of New York\AAF Summer
2022\Ethnic Profiles\Data\2015PUMS_5y_NYH.dta"

*merge datasets and drop duplicates*
merge 1:m serialno using 2015PUMS_5y_NYP
duplicates drop serialno, force

*apply household weights*
svyset [pw=wgtp], sdrweight(wgtp1-wgtp80) vce(sdr)
```

```
*save file*
save 2015PUMS_5yr_NYHMerged
```

Variables

```
*creat Asian group labels – part 1*
generate rac2p="Indian" if rac2p05==40
replace rac2p="Bangladeshi" if
rac2p05==41 replace rac2p="Cambodian" if
rac2p05==42 replace rac2p="Chinese" if
rac2p05==43
replace rac2p="Filipino" if
rac2p05==44 replace rac2p="Hmong" if
rac2p05==45
replace rac2p="Indonesian" if
rac2p05==46 replace rac2p="Japanese" if
rac2p05==47 replace rac2p="Korean" if
rac2p05==48
replace rac2p="Laotian" if rac2p05==49
replace rac2p="Malaysian" if rac2p05==50
replace rac2p="Pakistani" if rac2p05==51
replace rac2p="Sri Lankan" if
rac2p05==52 replace rac2p="Thai" if
rac2p05==53
replace rac2p="Vietnamese" if rac2p05==54 replace
rac2p="Other Asian" if rac2p05==55 replace
rac2p="Asian, not specified" if rac2p05==56
replace rac2p="Multi-Asian" if rac2p05==57 replace
rac2p="Two or more races" if rac2p05==67

*create Asian group labels – part 2*
replace rac2p="Indian" if rac2p12==38
replace rac2p="Bangladeshi" if
rac2p12==39 replace rac2p="Bhutanese" if
rac2p12==40 replace rac2p="Burmese" if
rac2p12==41
replace rac2p="Cambodian" if
rac2p12==42 replace rac2p="Chinese" if
rac2p12==43
replace rac2p="Taiwanese" if
rac2p12==44 replace rac2p="Filipino" if
rac2p12==45 replace rac2p="Hmong" if
rac2p12==46
replace rac2p="Indonesian" if
rac2p12==47 replace rac2p="Japanese" if
rac2p12==48 replace rac2p="Korean" if
rac2p12==49
replace rac2p="Laotian" if rac2p12==50
replace rac2p="Malaysian" if rac2p12==51
replace rac2p="Mongolian" if rac2p12==52
replace rac2p="Nepalese" if rac2p12==53
```

```
replace rac2p="Pakistani" if rac2p12==54
replace rac2p="Sri Lankan" if
rac2p12==55 replace rac2p="Thai" if
rac2p12==56
replace rac2p="Vietnamese" if rac2p12==57
replace rac2p="Other Asian" if rac2p12==58
replace rac2p="Multi-Asian" if rac2p12==59
replace rac2p="Two or more races" if
rac2p12==68
*create alone or in combination (AOIC) variable – for Chinese, Indian,
Korean, Japanese, Filipino, and Vietnamese only*
generate ChineseAOIC="Yes" if
inlist(rac3p05,19,20,21,22,23,24,25,26,41,60,61,62)
replace ChineseAOIC="Yes" if
inlist(rac3p12,5,19,32,44,45,46,47,48,49,65,66,67,71,72,73,85,86,94,95)
generate IndianAOIC="Yes" if inlist(rac3p05,27,28,29,42,63) replace
IndianAOIC="Yes" if inlist(rac3p12,4,18,31,39,42,43,76,93) generate
KoreanAOIC="Yes" if inlist(rac3p05,10,13,38,55) replace KoreanAOIC="Yes"
if inlist(rac3p12,8,22,35,46,54,98) generate JapaneseAOIC="Yes" if
inlist(rac3p05,11,12,13,14,17,23,39,56,57) replace JapaneseAOIC="Yes" if
inlist(rac3p12,7,21,34,45,50,54,55,66,69,73,88,94,97)
generate FilipinoAOIC="Yes" if
inlist(rac3p05,15,16,17,18,24,25,40,58,59,61)
replace FilipinoAOIC="Yes" if
inlist(rac3p12,6,20,33,40,44,50,51,52,53,61,63,65,68,71,72,77,85,87,96
) generate VietnameseAOIC="Yes" if inlist(rac3p05,9,22,54) replace
VietnameseAOIC="Yes" if inlist(rac3p12,9,23,47,56,98)

*create nyc variable*
generate NYC=1 if puma00>=3701& puma00<=4114
replace NYC=1 if puma10>=3701& puma10<=4114

*create borough variables*
generate Borough="Manhattan" if puma00>=3801& puma00<=3810
replace Borough="Manhattan" if puma10>=3801 & puma10<=3810
replace Borough="Bronx" if puma00>=3701& puma00<=3710
replace Borough="Bronx" if puma10>=3701& puma10<=3710
replace Borough="Brooklyn" if puma00>=4001& puma00<=4018
replace Borough="Brooklyn" if puma10>=4001& puma10<=4018
replace Borough="Queens" if puma00>=4101& puma00<=4114
replace Borough="Queens" if puma10>=4101& puma10<=4114
replace Borough="StatenIsland" if puma00>=3901&
puma00<=3903 replace Borough="StatenIsland" if
puma10>=3901& puma10<=3903

*adjust family income for inflation*
generate fincip1=fincp*(adjinc/1000000)

*adjust household income for inflation*
generate hincip1=hincp*(adjinc/1000000)
```

```
*label food stamp / SNAP data*
label define fs 1 "yes" 2 "no"
label values fs fs

*create overcrowding variable*
generate occupantsperroom=np/rmsp
generate overcrowded="Yes" if occupantsperroom>1 & type==1 &
np>0 replace overcrowded="No" if occupantsperroom<=1 & type==1 &
np>0
*create homeownership status variable*
generate homeowner="Homeowner" if ten==1 |
ten==2 replace homeowner="Renter" if ten==3
replace homeowner="Occupied without payment of rent" if ten==4

*create rent burden variable*
generate rentburden="2 Rent burdened" if grpip>=30 &
grpip>50 replace rentburden="3 Severely rent burdened" if
grpip>=50 replace rentburden="1 Not rent burdened" if
grpip<30
```