

Data Set: 2012 CCHS

Research Question: Find the number of people who have dental insurance and who don't have dental insurance between the ages of 60 and 64, broken down by gender, region and income level.

<u>SAS CODE</u>	<u>STATA CODE</u>
<pre>libname CCHS_Den "M:\Surveys\CCHS\documentation\"; data work.CCHS; set CCHS_Den.cchs2012dummydata (keep= OH2_11 GEO_PRV DHH_SEX DHH_AGE INC_3); /*Assigning Age*/ If 60<=DHH_AGE<=64; /*Assigning Gender*/ If DHH_SEX=1 then Gender="MALE"; Else If DHH_SEX=2 then Gender="FEMALE"; /*Grouping Insured and Uninsured*/ If OH2_11 in (1) then Status="Insured"; Else if OH2_11 in (2,6,7,8,9) then Status="Uninsured"; /*Grouping provinces into regions*/ If GEO_PRV in (10,11,12,13) then Region="Eastern"; Else if GEO_PRV in (24, 35) then Region="Central"; Else if GEO_PRV in (46,47,48,59) then Region="Western"; Else if GEO_PRV in (60, 61, 62) then Region="Territories"; /*Grouping income into 3 brackets*/ If INC_3<30000 then Income="Low"; Else if 30000<=INC_3<80000 then Income="Middle"; Else if 80000<=INC_3 then Income="High"; proc freq data=CCHS; TABLES Gender*Status*Income; run;</pre>	<pre>use "M:\Surveys\CCHS\documentation\cchs2012dummydata" keep OH2_11 GEO_PRV DHH_SEX DHH_AGE INC_3 *Assigning Age* rename (DHH_AGE) (AGE) keep if AGE<=64 keep if AGE>=60 *Assigning Gender* rename (DHH_SEX) (GENDER) label define malefemale 1 "male" 2 "female" label values GENDER malefemale *Grouping Insured and Uninsured* rename (OH2_11) (STATUS) recode STATUS 1=1 2/9=2 label define insured 1 "insured" 2 "uninsured" label values STATUS insured *Grouping provinces into regions* rename (GEO_PRV) (PROVINCE) recode PROVINCE 10/13=1 24 35=2 46/48 59=3 60/62=4 label define region 1 "eastern" 2 "central" 3 "western" 4 "territories" label values PROVINCE region *Grouping income into 3 brackets* generate income=. replace income=1 if INC_3<30000 replace income=2 if INC_3>=30000 & INC_3<80000 replace income=3 if INC_3>=80000 label define incomelevel 1 "low" 2 "middle" 3 "high" label values income incomelevel tab STATUS income if GENDER==1 tab STATUS income if GENDER==2</pre>