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clear
use "C:\qols-iii-2013-2014-v1-stata\qol-iii-2013-2014-v1.dta", clear
numlabel, add
*rename ID Unique_Identifier
*Weights
* GCROweight

*In-migrants and Immigrants
ta X2_3
recode X2_3 (1=1 "In-migrants") (2=2 "Immigrants"), gen (Migration_Status)
ta Migration_Status [iw=GCROweight]

*Individual factors
ta X12_2 [iw=GCROweight]
recode X12_2 (14/17=0 "Under18") (18/27=1 "18-27") (28/37=2 "28-37") (38/47=3 "38-47")
(48/100=4 "48+"), gen (Grouped_Age)
replace Grouped_Age=. if Grouped_Age==0
ta Grouped_Age [iw=GCROweight]
ta H_2 [iw=GCROweight]
ta X12_1_RECODED [iw=GCROweight]
recode X12_1_RECODED (3=1 "No_Edu") (4=2 "Primary") (1/2=3 "Secondary_Higher") (5=3), gen
(Highest_Education)
ta Highest_Education [iw=GCROweight]
ta H_1 [iw=GCROweight]
replace H_1=. if H_1==5
recode H_1 (1=1 "Black_African") (2/4=2 "Non_Black_African"), gen (Population_group)
ta Population_group [iw=GCROweight]
ta X12_8 [iw=GCROweight]
replace X12_8=. if X12_8==18
recode X12_8 (17=1 "No_Income") (1/6=2 "Low") (7/8=3 "Middle") (9/16=4 "High"), gen (Income)

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ta Income [iw=GCROweight]
recode X8_8 (0=1) (1=2)
*ta employment_status [iw=GCROweight]
**employment_status
*Occupation
*ta q14_4_rel_status [iw=GCROweight]
*replace q14_4_rel_status=. if q14_4_rel_status==7
*recode q14_4_rel_status (3=1 "Never_Married") (1=2 "Married_Cohab") (2=2) (6=2) (4=3
"Divorced") (5=4 "Widowed"), gen (Marrital_Status)
*ta Marrital_Status [iw=GCROweight]
*Access to media
*Parity/number of children
*IPV
ta X11_3 [iw=GCROweight]
replace X11_3=. if X11_3==4
recode X11_3 (3=1) (1/2=2)
ta X11_1 [iw=GCROweight]
replace X11_1=. if X11_1>=4

*Household-level factors
*HH Wealth index
ta X12_5 [iw=GCROweight]
ta X12_4_RECODED [iw=GCROweight]
recode X12_4_RECODED (1=1 "One") (2=2 "Two") (3=3 "Three") (4/7=4 "Four_More"), gen
(People_in_HH)
ta People_in_HH [iw=GCROweight]
ta X12_6 [iw=GCROweight]
recode X12_6 (0=1) (1=2) (2=3) (3=4) (4/18=5)
*ta q14_7_60plus_recode [iw=GCROweight]
ta X5_8 [iw=GCROweight]
recode X5_8 (0=1) (1=2) (2=3)
ta X12_11 [iw=GCROweight]
recode X12_11 (0=1) (1=2)

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*Community-level factors

gen Media=.

replace Media= 1 if X5_4_1==1 & X5_4_2==1 & X5_4_3==1 & X5_4_4==1 & X5_4_5==1 & X5_4_6==1 & X5_4_7==1 & X5_6_2==1 & X5_6_6==1

replace Media= 2 if X5_4_1==2 & X5_4_2==2 & X5_4_3==3 & X5_4_4==4 & X5_4_5==5 & X5_4_6==6 & X5_4_7==7 & X5_6_2==2 & X5_6_6==6

*Q5_1 X5_6_2 X5_6_6

recode Media (1=1 "No") (2=2 "Yes"), gen (Media_Access)

*Residential status

ta H_3_RECODED [iw=GCROweight]

replace H_3_RECODED=. if H_3_RECODED==3

ta Migration_Status [iw=GCROweight]

ta Media_Access [iw=GCROweight]

ta Migration_Status [iw=GCROweight]

*Individual factors

ta Grouped_Age [iw=GCROweight]

ta H_2 [iw=GCROweight]

ta Highest_Education [iw=GCROweight]

ta Population_group [iw=GCROweight]

ta Income [iw=GCROweight]

ta X8_8 [iw=GCROweight]

ta X11_3 [iw=GCROweight]

ta X11_1 [iw=GCROweight]

*Household-level factors

*HH Wealth index

ta X12_5 [iw=GCROweight]

ta People_in_HH [iw=GCROweight]

ta X12_6 [iw=GCROweight]

ta X5_8 [iw=GCROweight]

ta X12_11 [iw=GCROweight]

*Community-level factors

*Residential status

ta H_3_RECODED [iw=GCROweight]

ta Migration_Status [iw=GCROweight]

ta Media_Access [iw=GCROweight]

*Individual factors

ta Migration_Status

gen life_sati_5=X7_10 if Migration_Status==1 | Migration_Status==2

*gen lifesatisfaction=LifeSati if Migration_Status==1 | Migration_Status==2

gen groupedage=Grouped_Age if Migration_Status==1 | Migration_Status==2

gen sex=H_2 if Migration_Status==1 | Migration_Status==2

gen highesteducation=Highest_Education if Migration_Status==1 | Migration_Status==2

gen populationgroup=Population_group if Migration_Status==1 | Migration_Status==2

gen income=Income if Migration_Status==1 | Migration_Status==2

gen working=X8_8 if Migration_Status==1 | Migration_Status==2

*gen maritalstatus=Marrital_Status if Migration_Status==1 | Migration_Status==2

gen medicalaid=X11_3 if Migration_Status==1 | Migration_Status==2

gen healthfacility=X11_1 if Migration_Status==1 | Migration_Status==2

*Household-level factors

gen hhhead=X12_5 if Migration_Status==1 | Migration_Status==2

recode hhhead (1/9=1 "HhH"), gen (HHead)

ta HHead

gen HHeadSex=.

replace HHeadSex=1 if HHead==1 & sex==1

replace HHeadSex=2 if HHead==1 & sex==2

gen hhmembers=People_in_HH if Migration_Status==1 | Migration_Status==2

gen under18=X12_6 if Migration_Status==1 | Migration_Status==2

*gen sixtyplus=q14_7_60plus_recode if Migration_Status==1 | Migration_Status==2

gen childhunger=X5_8 if Migration_Status==1 | Migration_Status==2

gen social_grant=X12_11 if Migration_Status==1 | Migration_Status==2

*Community-level factors

gen dwellingtype=H_3_RECODED if Migration_Status==1 | Migration_Status==2

*gen Migration_Status if Migration_Status==1 | Migration_Status==2

gen mediaaccess=Media_Access if Migration_Status==1 | Migration_Status==2

drop if Migration_Status==.

*drop if lifiesatisfaction==.

drop if groupedage==.

drop if sex==.

drop if highesteducation==.

drop if populationgroup==.

drop if income==.

drop if working==.

*drop if marritalstatus==.

drop if medicalaid==.

drop if healthfacility==.

drop if dwellingtype==.

*Frequency

ta life_sati_5 Migration_Status [iw=GCROweight]

ta Migration_Status [iw=GCROweight]

*ta lifiesatisfaction

ta groupedage Migration_Status [iw=GCROweight]

ta sex Migration_Status [iw=GCROweight]

ta highesteducation Migration_Status [iw=GCROweight]

ta populationgroup Migration_Status [iw=GCROweight]

ta income Migration_Status [iw=GCROweight]

ta working Migration_Status [iw=GCROweight]

*ta marritalstatus Migration_Status [iw=GCROweight]

ta medicalaid Migration_Status [iw=GCROweight]

ta healthfacility Migration_Status [iw=GCROweight]

*Household-level factors

ta HHeadSex Migration_Status [iw=GCROweight]

ta hhmembers Migration_Status [iw=GCROweight]

ta under18 Migration_Status [iw=GCROweight]

*ta sixtyplus Migration_Status [iw=GCROweight]

ta childhunger Migration_Status [iw=GCROweight]

ta social_grant Migration_Status [iw=GCROweight]

*Community-level factors

ta dwellingtype Migration_Status [iw=GCROweight]

ta Migration_Status Migration_Status [iw=GCROweight]

ta mediaaccess Migration_Status [iw=GCROweight]

*Frequency by sex

ta Migration_Status sex [iw=GCROweight]

ta life_sati_5 [iw=GCROweight]

ta life_sati_5 Migration_Status [iw=GCROweight]

ta life_sati_5 sex [iw=GCROweight]

ta groupedage sex [iw=GCROweight]

ta sex [iw=GCROweight]

ta highesteducation sex [iw=GCROweight]

ta populationgroup sex [iw=GCROweight]

ta income sex [iw=GCROweight]

ta working sex [iw=GCROweight]

*ta marritalstatus sex [iw=GCROweight]

ta medicalaid sex [iw=GCROweight]

ta healthfacility sex [iw=GCROweight]

*Household-level factors

ta HHeadSex [iw=GCROweight]

ta hhmembers sex [iw=GCROweight]

ta under18 sex [iw=GCROweight]

*ta sixtyplus sex [iw=GCROweight]
ta childhunger sex [iw=GCROweight]
ta social_grant sex [iw=GCROweight]

*Community-level factors

ta dwellingtype sex [iw=GCROweight]
ta Migration_Status sex [iw=GCROweight]
ta mediaaccess sex [iw=GCROweight]

table sex life_sati_5 Migration_Status [iw=GCROweight]
table life_sati_5 Migration_Status [iw=GCROweight]