
Subject: DISABILITY - UGANDA DHS 2016 ON SAS

Posted by [Mlue](#) on Thu, 23 May 2019 08:32:44 GMT

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Hello,

In case you're trying to derive the Washington Group disability statistics on SAS using the 2016 Uganda DHS, the code below will guide you in the right direction.

```
/**** IMPORT SPSS DATA TO SAS *****/
```

```
PROC IMPORT DATAFILE="\\HO123456789\Users\User1\Documents\UGANDA DHS
2016\UGANDA_2016_SPSS_DATA\UGPR7AFL"
  DBMS=SAV
  OUT=WORK.UGANDA_DHS
  REPLACE;
RUN;
```

```
/* DISABILITY _ UGANDA DHS 2016 ON SAS */
```

```
DATA DISABILITY_UGANDA;
  SET WORK.UGANDA_DHS;
```

```
weight = (HV005 / 1000000);
psu    = HV021;
strata = HV023;
```

```
/**** ONLY PERSONS AGED FIVE YEARS AND OLDER *****/
```

```
IF HV105 > 4;
```

```
/**** FORMAT *****/
```

```
FORMAT Agegroup $11. Ungandadisab $21.;
```

```
/**** DERIVING DISABILITY *****/
```

```
IF SH24 =. OR SH25 =. THEN SEEING = 9;
IF SH24 =1 OR SH25 =1 THEN SEEING = 1;
IF SH24 =2 OR SH25 =2 THEN SEEING = 2;
IF SH24 =3 OR SH25 =3 THEN SEEING = 3;
IF SH24 =4 OR SH25 =4 THEN SEEING = 4;
IF SH24 =8 OR SH25 =8 THEN SEEING = 8;
```

```
IF SH27 =. OR SH28 =. THEN HEARING = 9;
IF SH27 =1 OR SH28 =1 THEN HEARING = 1;
IF SH27 =2 OR SH28 =2 THEN HEARING = 2;
IF SH27 =3 OR SH28 =3 THEN HEARING = 3;
```

```
IF SH27 =4 OR SH28 =4 THEN HEARING = 4;  
IF SH27 =8 OR SH28 =8 THEN HEARING = 8;
```

```
IF SH29 =. THEN COMMUNICATE = 9;  
IF SH29 =1 THEN COMMUNICATE = 1;  
IF SH29 =2 THEN COMMUNICATE = 2;  
IF SH29 =3 THEN COMMUNICATE = 3;  
IF SH29 =4 THEN COMMUNICATE = 4;  
IF SH29 =8 THEN COMMUNICATE = 8;
```

```
IF SH30 =. THEN REMEMBERING = 9;  
IF SH30 =1 THEN REMEMBERING = 1;  
IF SH30 =2 THEN REMEMBERING = 2;  
IF SH30 =3 THEN REMEMBERING = 3;  
IF SH30 =4 THEN REMEMBERING = 4;  
IF SH30 =8 THEN REMEMBERING = 8;
```

```
IF SH31 =. THEN WALKING = 9;  
IF SH31 =1 THEN WALKING = 1;  
IF SH31 =2 THEN WALKING = 2;  
IF SH31 =3 THEN WALKING = 3;  
IF SH31 =4 THEN WALKING = 4;  
IF SH31 =8 THEN WALKING = 8;
```

```
IF SH32 =. THEN SELFCARE = 9;  
IF SH32 =1 THEN SELFCARE = 1;  
IF SH32 =2 THEN SELFCARE = 2;  
IF SH32 =3 THEN SELFCARE = 3;  
IF SH32 =4 THEN SELFCARE = 4;  
IF SH32 =8 THEN SELFCARE = 8;
```

```
ARRAY disa2 {6} $ SEEING HEARING COMMUNICATE REMEMBERING WALKING  
SELFCARE;
```

```
disab=0;  
sevdisab=0;  
undisab1=0;  
undisab2=0;  
undisab=0;  
discount=0;  
donotknow=0;
```

```
Do k=1 to 6;  
  if 2<=disa2{k}<=4 then disab=1;  
  if 3<=disa2{k}<=4 then sevdisab=1;  
End;
```

```
Do i=1 to 6;
```

```

if 3<=disa2{i}<=4 then undisab2=1;
End;

Do j=1 to 6;
  if disa2{j}=9 then discount+1;
End;

Do l=1 to 6;
  if disa2{l}=8 then donotknow+1;
End;

Do n=1 to 6;
  if disa2{n}=4 then undisab1+1;
End;

if undisab1>1 then undisab=1;
if undisab2=1 then undisab=1;

if discount=6 then do;
  undisab=9;
  disab=9;
  sevdisab=9;
end;

if donotknow=6 then do;
  undisab=8;
  disab=8;
  sevdisab=8;
end;

drop k i j l n;

if HV103=1 & undisab NE 9;

IF HV105 IN (0:4) THEN Agegroup="00-04";
IF HV105 IN (5:9) THEN Agegroup="05-09";
IF HV105 IN (10:14) THEN Agegroup="10-14";
IF HV105 IN (15:19) THEN Agegroup="15-19";
IF HV105 IN (20:29) THEN Agegroup="20-29";
IF HV105 IN (30:39) THEN Agegroup="30-39";
IF HV105 IN (40:49) THEN Agegroup="40-49";
IF HV105 IN (50:59) THEN Agegroup="50-59";
IF HV105 IN (60:95) THEN Agegroup="60+";
IF HV105 NOT IN (0:95) THEN Agegroup="DKN/MISSING";

Ungandadisab=undisab;

```

```
IF undisab IN (0) THEN Ungandadisab="0. Without disability";
IF undisab IN (1) THEN Ungandadisab="1. With disability";
IF undisab IN (8) THEN Ungandadisab="8. DNK";
IF undisab IN (9) THEN Ungandadisab="9. Unspecified";
```

```
RUN;
```

```
PROC FREQ DATA=WORK.DISABILITY_UGANDA;
  TABLE undisab Ungandadisab;
  TABLE Agegroup * Ungandadisab /NOCOL NOFREQ NOPERCENT;
  WEIGHT weight;
RUN;
```

```
PROC SURVEYFREQ DATA=WORK.DISABILITY_UGANDA;
  TABLES Agegroup * undisab /ROW WT;
  STRATA strata;
  CLUSTER psu;
  WEIGHT weight;
RUN;
```
