Subject: How to calculate the prevalence of an outcome by SAS for ever married women surveys?
Posted by Han on Fri, 18 Dec 2020 14:51:05 GMT

I am doing an analysis that looks at smoking prevalence of women from ever married women surveys.

For a "all-women" survey, we can calculate the overall smoking prevalence of women using PROC SURVEYFREQ to in SAS:

weight --> (V005 Women's individual sample weight (6 decimals) / 1,000,000)
cluster --> V021 Primary sampling unit
strata --> V023 Stratification used in sample design
y --> V463a Smokes cigarettes

proc surveyfreq data=a;
strata strata;
cluster cluster;
weight weight;
tables y;
run;

However, if I would like to calculate the overall smoking prevalence of women from an ever married women survey, then what should I do? How should I use the awfactt variable?

Thank you!