01/30/2019   Version 1.2 Women_CRC_RAM_agerange4090 (Fanni Zhang)

Updates: - replace old incidence rates with new rates (SEER18 2000-2015) in H1_Star data step;

    - replace old mortality rates with new rates (2010-2015) in H2 data step;

    - extend the age range for the new rates to allow projections to age 40.

06/02/2015   Version 1.1 incorporates missing values -8,-9 with replacement values (10/16/14 Pfeiffer)

05/26/2010   Version 1.0

Short instruction file on the use of the women's colorectal cancer (CRC) absolute risk

projection SAS macro (Women_CRC_RAM),

The women's colorectal cancer absolute risk projection SAS macro, Women_CRC_RAM needs

the following information as input to estimate absolute risk of colorectal cancer:

  Race   =1, white

            =2, african-american

            =3, hispanic

            =4, asian-american

  T1   T1,   current age ranges from: 50 < T1 < 89

  T2   T2, projection age ranges from: 50 <= T1 < T2 <=90

  Sigmoid_Polyps   =0, yes sigmoidoscopy and/or colonscopy last 10 years, no history of polyps

            =1. no sigmoidoscopy and/or colonscopy last 10 years

            =2, yes sigmoidoscopy and/or colonscopy last 10 years, yes history of polyps

            =3, unk sigmoidoscopy and/or colonscopy last 10 years, unk history of polyps or

              yes sigmoidoscopy and/or colonscopy last 10 years, unk history of polyps

Estrogen   =0, yes estrogen treatment last 2 years   or

      -9 still have period or period < 2 yrs ago

    =1, no estrogen treatment last 2 years

Fam_Hist_CRC   =0, 0 relative with CRC (CRC=Colorectal Cancer) or

      -9 dont know if any relative has CRC

    =1, 1 relative with CRC

     -8 relatives have CRC, dont know how many

    =2, 2 or more relatives with CRC

NSaids   =0, regular user of NSaids such as aspirin, IBuprofin, Advil, Aleve, Nuprin etc   or

     -9 don't know

    =1, non user of asprin and non-asprin NSaids

Vigorus_Xrcis   =0, 0 hrs/wk

    =1, greater than 0 and less than equal 2 hrs/wk

    =2, greater than 2 and less than equal 4 hrs/wk

    =3, greater than 4 hrs/wk

BMIge30 Ind   =0, BMI less   < 30

=1, BMI greater >= 30

Vegetable   =0, greater   equal to five servings of vegetables per week

=1, less   than   five servings of vegetables per week

A short SAS sample program, Women_CRC_Template.sas, which reads a covariate input dataset, Women_CRC_raw.in,

are included to more clearly demonstrate the use of the SAS macro Women_CRC_RAM. User's can run

the program Women_CRC_Template.sas for instructional and clarification purposes

Ref: "Colorectal Cancer Risk Prediction Tool for White Men and Women Without Known

Susceptibility".   A Freedman et al. JCO 27:686-693 2008.