



*Data and Biospecimen Use and  
Publications Committee*

**FOLLOW-UP 3 QUESTIONNAIRE CODEBOOK FOR SCCS DATA**

*Updated February 2019*

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## Administrative variables

Variable Name	Question and Coding	Comments
QuestionnaireYrF3	Year Questionnaire Completed Numeric value (integer) from 2015-2018	
QuestionnaireTypeF3	P Paper survey C CATI	

## Demographic variables

Variable Name	Question and Coding	Comments
AgeF3	Age at follow-up 3 interview (years) Numeric value (integer)	
AgeMonthsF3	Age at follow-up 3 interview (months) Numeric value (integer), rounded to the nearest month	
MonthsSinceEnrollF3	Number of months between participant's SCCS enrollment date and completion of the follow-up 3 questionnaire, rounded to the nearest month. Numeric value (integer)	
MaritalStatusF3	What is your CURRENT marital status? 1 Married, or living as married with a partner 2 Separated or divorced 3 Widowed 4 Single, never been married 8888 Refuse 9999 Don't know	Q2
EmploymentStatusF3	What is your CURRENT employment status? 1 Work for pay, full time 2 Work for pay, part time 3 Unemployed 4 On disability 5 Retired 6 Housewife 8888 Refuse 9999 Don't know	Q3
HHIncomeF3	What is your CURRENT total household income, per year? 1 Less than \$15,000 2 At least \$15,000 but less than \$25,000 3 At least \$25,000 but less than \$50,000 4 At least \$50,000 but less than \$100,000 5 \$100,000 or more 8888 Refuse 9999 Don't know	Q4

## Anthropometric variables

Variable Name	Question and Coding	Comments
Weight_LbsF3	How much do you currently weigh? Numeric value (pounds) from 50 to 500 8888 = Refuse 9999 = Don't know	Q5
Weight_kgF3	Weight_lbsF3 converted to kilograms 8888 Refuse 9999 Don't know	
BMIF3	Body Mass Index at Follow-up 3 Calculated from height (at enrollment) and weight (at Follow-up 3)	
BMICatF3	Body Mass Index categories at Follow-up 3 1 = < 18.5 2 = 18.5 – < 25.0 3 = 25.0 – < 30.0 4 = 30.0 – < 35.0 5 = 35.0 – < 40.0 6 = 40+	

## Tobacco exposure

Variable Name	Question and Coding	Comments
SmokeNowF3	What is your current cigarette smoking status? 0 Non-smoker 1 Smoker 8888 Refuse 9999 Don't know	Q6
EverSmokerF3	Have you ever smoked at least 100 cigarettes in your entire life? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q7
SmokingFrequencyF3	Do you currently smoke cigarettes every day, some days, or not at all? 1 Every day 2 Some days 3 Not at all 7777 Not applicable 8888 Refuse 9999 Don't know	Q8
CigsPerDayCurrentSmokerF3	On average, on days you smoke or did smoke, how many cigarettes did you smoke in one day? Numeric value from 1 to 200 7777 Not applicable 8888 Refuse 9999 Don't know	Q9 based on the responses of current smokers combining SmokeNowF3 and SmokingFrequencyF3
CigsPerDayFormerSmokerF3	On average, on days you smoke or did smoke, how many cigarettes did you smoke in one day? Numeric value from 1 to 200 7777 Not applicable 8888 Refuse 9999 Don't know	Q9 based on the responses of former smokers combining SmokeNowF3 and SmokingFrequencyF3

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
NicotineReplacementF3	<p>If you have ever tried to or did quit, did you use nicotine replacement?</p> <p>1 No, I have never used this</p> <p>2 Yes, I have used this in the past 12 months</p> <p>3 Yes, I have used this more than 12 months ago</p> <p>7777 Not applicable</p> <p>8888 Refuse</p> <p>9999 Don't know</p>	Q10
QuitSmokingMedsF3	<p>If you have ever tried to or did quit, did you use prescription pills?</p> <p>1 No, I have never used this</p> <p>2 Yes, I have used this in the past 12 months</p> <p>3 Yes, I have used this more than 12 months ago</p> <p>7777 Not applicable</p> <p>8888 Refuse</p> <p>9999 Don't know</p>	Q10
QuitSmokingCounselingF3	<p>If you have ever tried to or did quit, did you use counseling?</p> <p>1 No, I have never used this</p> <p>2 Yes, I have used this in the past 12 months</p> <p>3 Yes, I have used this more than 12 months ago</p> <p>7777 Not applicable</p> <p>8888 Refuse</p> <p>9999 Don't know</p>	Q10
QuitSmokingProviderAdviceF3	<p>If you have ever tried to or did quit, did you use advice from a health care provider?</p> <p>1 No, I have never used this</p> <p>2 Yes, I have used this in the past 12 months</p> <p>3 Yes, I have used this more than 12 months ago</p> <p>7777 Not applicable</p> <p>8888 Refuse</p> <p>9999 Don't know</p>	Q10
ElectronicCigaretteF3	<p>If you have ever tried to or did quit, did you use electronic cigarettes?</p> <p>1 No, I have never used this</p> <p>2 Yes, I have used this in the past 12 months</p> <p>3 Yes, I have used this more than 12 months ago</p> <p>7777 Not applicable</p> <p>8888 Refuse</p> <p>9999 Don't know</p>	Q10

## Personal medical history

Variable Name	Question and Coding	Comments
DiabetesF3	Since joining this study, have you been diagnosed with diabetes/high blood sugar? 0 No 1 Yes (Incident Diabetes) 7777 Not applicable (Prevalent Diabetes) 8888 Refuse 9999 Don't know	Q11
Diabetes_AgeF3	Age at diabetes diagnosis, based on reported month and year of diagnosis Numeric value (integer) 7777 Not applicable	Q11
Diabetes_MedF3	Are you currently taking medication to control your diabetes? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q16
ActosF3	Do you currently take Actos (Pioglitazone)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
AmarylF3	Do you currently take Amaryl (Glimepiride)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
AvandiaF3	Do you currently take Avandia (Rosiglitazone)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes



<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
BydureonF3	Do you currently take Bydureon (Exenatide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
ByettaF3	Do you currently take Byetta (Exenatide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
GlucophageF3	Do you currently take Glucophage (Metformin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q16 To control diabetes
GlucotrolF3	Do you currently take Glucotrol (Glipizide)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q16 To control diabetes
GlynaseF3	Do you currently take Glynase (Glyburide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
GlysetF3	Do you currently take Glyset (Miglitol)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
InsulinF3	Do you currently take Insulin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q19 To control diabetes
JanuviaF3	Do you currently take Januvia (Sitagliptin)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
OnglyzaF3	Do you currently take Onglyza (Saxagliptin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q16 To control diabetes
PrandinF3	Do you currently take Prandin (Repaglinide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
PrecoseF3	Do you currently take Precose (Acarbose)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
SaxendaF3	Do you currently take Saxenda (liraglutide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
StarlixF3	Do you currently take Starlix (Nateglinide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
SymlinF3	Did the participant report taking Symlin (Pramlintide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
TradjentaF3	Did the participant report taking Tradjenta (Linagliptin)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
VictozaF3	Did the participant report taking Victoza (Liraglutide)? 0 = No 1 = Yes 7777 = Not applicable 8888 = Refuse 9999 = Don't know	Q16 To control diabetes
OtherDiabetesMedF3	Do you currently take another prescription medication for diabetes? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q16 To control diabetes
MIF3	After joining this study, have you had a heart attack or myocardial infarction? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q12
MI_AgeF3	Age at heart attack or myocardial infarction (MI), based on reported month and year of occurrence Numeric value (integer) 7777 Not applicable	Q12
StrokeF3	After joining this study, have you had a stroke ( <u>not</u> a mini-stroke or TIA)? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q12
Stroke_AgeF3	Age at stroke, based on reported month and year of occurrence Numeric value (integer) 7777 Not applicable	Q12
HipFxF3	After joining this study, have you had a hip fracture (broken hip)? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q12

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
HipFx_AgeF3	Age at hip fracture (broken hip), based on reported month and year of occurrence Numeric value (integer) 7777 Not applicable	Q12
CancerF3	After joining this study, have you been diagnosed with any type of cancer? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q14
BladderCancerF3	After joining this study, have you been diagnosed with bladder cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
BoneCancerF3	After joining this study, have you been diagnosed with bone cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
BrainCancerF3	After joining this study, have you been diagnosed with brain cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
BreastCancerF3	After joining this study, have you been diagnosed with breast cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
CervicalCancerF3	After joining this study, have you been diagnosed with cervical cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14 Females only
ColonCancerF3	After joining this study, have you been diagnosed with colon cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
ColorectalCancerF3	After joining this study, have you been diagnosed with colon/rectum cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
ConnectTissCancerF3	After joining this study, have you been diagnosed with connective tissue cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
EsophagealCancerF3	After joining this study, have you been diagnosed with esophageal cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
GallbladderCancerF3	After joining this study, have you been diagnosed with gallbladder cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
GastricCancerF3	After joining this study, have you been diagnosed with gastric cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
HodgkinLymphomaF3	After joining this study, have you been diagnosed with Hodgkin's Lymphoma? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
KidneyCancerF3	After joining this study, have you been diagnosed with kidney cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
LaryngealCancerF3	After joining this study, have you been diagnosed with laryngeal cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
LeukemiaF3	After joining this study, have you been diagnosed with leukemia? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
LiverCancerF3	After joining this study, have you been diagnosed with liver cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
LungCancerF3	After joining this study, have you been diagnosed with lung cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
LymphomaF3	After joining this study, have you been diagnosed with Non-Hodgkin's lymphoma? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
MelanomaF3	After joining this study, have you been diagnosed with melanoma? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14



<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
MultMyelomaF3	After joining this study, have you been diagnosed with multiple myeloma? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
NonMelSkinCancerF3	After joining this study, have you been diagnosed with non-melanoma skin cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
OralCancerF3	After joining this study, have you been diagnosed with oral cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
OvarianCancerF3	After joining this study, have you been diagnosed with ovarian cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14 Females only
PancreaticCancerF3	After joining this study, have you been diagnosed with pancreatic cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
PharyngealCancerF3	After joining this study, have you been diagnosed with pharyngeal cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
ProstateCancerF3	After joining this study, have you been diagnosed with prostate cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14 Males only
RectalCancerF3	After joining this study, have you been diagnosed with rectal cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
TesticularCancerF3	After joining this study, have you been diagnosed with testicular cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14 Males only
ThyroidCancerF3	After joining this study, have you been diagnosed with thyroid cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
UterineCancerF3	After joining this study, have you been diagnosed with uterine cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14 Females only
OtherCancerF3	After joining this study, have you been diagnosed with any other cancer? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
Cancer_AgeF3	Age when cancer was diagnosed, based on reported month and year of diagnosis. Numeric value (integer) from 40 to 89 7777 Not applicable 8888 Refuse 9999 Don't know	Q14
HyperChol_MedF3	Do you currently take prescription medication to lower your cholesterol? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q17
AdvicorF3	Do you currently take Advicor? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
AltocorF3	Do you currently take Altocor? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
AntaraF3	Do you currently take Antara? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
AtorvastatinF3	Do you currently take Atorvastatin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
HyperChol_CaduetF3	Do you currently take Caduet? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
CholestyramineF3	Do you currently take Cholestyramine? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
ColestidF3	Do you currently take Colestid? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
ColestipolF3	Do you currently take Colestipol? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
CrestorF3	Do you currently take Crestor (Rosuvastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
FenofibrateF3	Do you currently take Fenofibrate? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
FluvastatinF3	Do you currently take Fluvastatin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
GemfibrozilF3	Do you currently take Gemfibrozil? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
LescolF3	Do you currently take Lescol (Fluvastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
LipitorF3	Do you currently take Lipitor (Atorvastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
LivaloF3	Do you currently take Livalo? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
LofibraF3	Do you currently take Lofibra? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
LopidF3	Do you currently take Lopid (Gemfibrozil)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
LovastatinF3	Do you currently take Lovastatin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
LovazaF3	Do you currently take Lovaza? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
MevacorF3	Do you currently take Mevacor (Lovastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
NiacinF3	Do you currently take Niacin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
NiaspanF3	Do you currently take Niaspan? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
PravacholF3	Do you currently take Pravachol (Pravastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
PravastatinF3	Do you currently take Pravastatin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
SimvastatinF3	Do you currently take Simvastatin? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
TricorF3	Do you currently take Tricor? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
TriglideF3	Do you currently take Triglide? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol



<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
TrilipixF3	Do you currently take Trilipix? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
VytorinF3	Do you currently take Vytorin (Ezetimibe/Simvastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
WelcholF3	Do you currently take Welchol? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
ZetiaF3	Do you currently take Zetia (Ezetimibe)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol
ZocorF3	Do you currently take Zocor (Simvastatin)? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

Variable Name	Question and Coding	Comments
OtherHyperCholMedF3	Do you take another prescription medication to lower your cholesterol? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q17 For high cholesterol

## Analgesic exposure

Variable Name	Question and Coding	Comments
AnyAspirinF3	Do you currently take Aspirin (regular or low-dose)? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q15
AnyAspirin_PillsPerWkF3	How many Aspirin pills/tablets do you take per week? Numeric value (integer) from 1 to 100 7777 Not applicable 8888 Refuse 9999 Don't know	Q15

## Health insurance and health services

Variable Name	Question and Coding	Comments
InsuranceCoverageF3	Did the participant report currently having health insurance? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q22
MedicaidF3	Did the participant report currently having Medicaid or medical assistance? 0 No 1 Yes 7777 Not applicable	Q22
MedicareF3	Did the participant report currently having Medicare? 0 No 1 Yes 7777 Not applicable	Q22

PrivateInsuranceF3	Did the participant report currently having private insurance? 0 No 1 Yes 7777 Not applicable	Q22
MilitaryInsuranceF3	Did the participant report currently having military health insurance? 0 No 1 Yes 7777 Not applicable	Q22
OtherInsuranceF3	Did the participant report currently having other health insurance? 0 No 1 Yes 7777 Not applicable	Q22
InsuranceExchangeF3	Did you purchase your health insurance through an insurance exchange such as healthcare.gov or a state exchange? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q23
GovAssistanceInsPremiumsF3	If purchased through an insurance exchange, did you receive financial assistance from the government with the cost of monthly premiums? 0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know	Q23
ReasonNoHealthInsuranceF3	If you do not have any health insurance, what is the main reason you do not have health insurance? 1 It is too expensive 2 It doesn't cover the services you need 3 You do not need or want health insurance 4 It is too hard to enroll 5 Some other reason 7777 Not applicable 8888 Refuse 9999 Don't know	Q24

DeniedInsPreExistingCondF3	<p>Have you ever applied for health insurance and been denied due to a pre-existing medical condition?</p> <p>0 No  1 Yes  8888 Refuse  9999 Don't know</p>	Q25
ReadingAbilityF3	<p>How would you rate your ability to read?</p> <p>1 Excellent  2 Very Good  3 Good  4 Okay  5 Poor  8888 Refuse  9999 Don't know</p>	Q26
HelpReadMaterialsF3	<p>Do you usually ask someone to help you read materials you receive from the doctor or hospital?</p> <p>0 No  1 Yes  8888 Refuse  9999 Don't know</p>	Q27
ConfidentFillingOutFormsF3	<p>How confident are you filling out medical forms by yourself?</p> <p>1 Extremely  2 Quite a bit  3 Somewhat  4 A little bit  5 Not at all  8888 Refuse  9999 Don't know</p>	Q28

UsualSourceOfCareF3	<p>What is your CURRENT usual source of medical care?</p> <p>1 Community health center or free clinic  2 Private doctor's office  3 Emergency Room  4 Veterans Affairs (VA)  5 Hospital (not emergency room)  6 Other source  7 No source  8888 Refuse  9999 Don't know</p>	Q18
NoDoctorCostF3	<p>Was there a time in the past 12 months when you needed to see a doctor but could not because of the cost?</p> <p>0 No  1 Yes  8888 Refuse  9999 Don't know</p>	Q19
EmergencyRoomNumberVisitsF3	<p>In the past 12 months, how many times did you go to an emergency room to get care for yourself?</p> <p>Numeric value (integer) from 0 to 99  8888 Refuse  9999 Don't know</p>	Q19
ClinicNumberVisitsF3	<p>In the past 12 months, how many times did you go to a doctor's office or clinic to get care for yourself?</p> <p>Numeric value (integer) from 0 to 290.  8888 Refuse  9999 Don't know</p>	Q19
DentistNumberVisitsF3	<p>In the past 12 months, how many times did you go to the dentist to get care for yourself?</p> <p>Numeric value (integer) from 0 to 99  8888 Refuse  9999 Don't know</p>	Q19
ChangeUsualHealthCareSourceF3	<p>In the past 12 months, did you change where you usually go for health care?</p> <p>0 No  1 Yes  8888 Refuse  9999 Don't know</p>	Q19

NewHospitalVisitF3	In the past 12 months, did you use a new hospital for the first time? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q19
NewERVisitF3	In the past 12 months, did you use a new emergency room for the first time? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q19
HavePersonalDoctorF3	Do you currently have a personal doctor? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q20
SearchForNewPersonal DoctorF3	During the past 12 months, did you look for a new personal doctor? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q20
FoundNewPersonalDoctorF3	During the past 12 months, were you able to find a new personal doctor who could help you? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q20
DoctorNotAcceptHealth InsuranceF3	During the past 12 months, were you told by a personal doctor that they would not accept your health insurance? 0 No 1 Yes 8888 Refuse 9999 Don't know	Q20

<p>DoctorNotAcceptNew PatientF3</p>	<p>During the past 12 months, were you told by a personal doctor that they would not accept you as a new patient?</p> <p>0 No 1 Yes 8888 Refuse 9999 Don't know</p>	<p>Q20</p>
<p>SearchForNewSpecialistF3</p>	<p>During the past 12 months, did you look for a new specialist?</p> <p>0 No 1 Yes 8888 Refuse 9999 Don't know</p>	<p>Q21</p>
<p>FoundNewSpecialistF3</p>	<p>During the past 12 months, were you able to find a new specialist who could see you?</p> <p>0 No 1 Yes 7777 Not applicable 8888 Refuse 9999 Don't know</p>	<p>Q21</p>



## Cancer and diabetes screening variables

Variable Name	Question and Coding	Comments
Colonoscopy_FreqF3	How often do you usually get a colonoscopy? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 8888 Refuse 9999 Don't know	Q13
Sigmoidoscopy_FreqF3	How often do you usually get a sigmoidoscopy? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 8888 Refuse 9999 Don't know	Q13
FecalOccult_FreqF3	How often do you usually get a test to check your stool/feces for blood? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 8888 Refuse 9999 Don't know	Q13
PSA_FreqF3	How often do you get a PSA blood test? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 7777 Not applicable 8888 Refuse 9999 Don't know	Q13 Males only

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
DRE_FreqF3	How often do you usually get a digital rectal exam? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 7777 Not applicable 8888 Refuse 9999 Don't know	Q13 Males only
Mammo_FreqF3	How often do you usually get a mammogram? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 7777 Not applicable 8888 Refuse 9999 Don't know	Q13 Females only
Pap_FreqF3	How often do you usually get a pap smear? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 7777 Not applicable 8888 Refuse 9999 Don't know	Q13 Females only
DiabetesGlucoseTest_FreqF3	How often do you usually get a blood test to check for diabetes? 1 Every year 2 Every 2-4 years 3 Every 5 years 4 Less than every 5 years 5 Never 8888 Refuse 9999 Don't know	Q13

## Self-Reported Health Status

Variable Name	Question and Coding	Comments
SF12v2HealthF3	In general, would you say your health is 1      Excellent 2      Very good 3      Good 4      Fair 5      Poor 8888 Refuse 9999 Don't know	Q29
SF12v2LimitActF3	Does your health now limit you in moderate activities? 1      Yes, limited a lot 2      Yes, limited a little 3      No, not limited at all 8888 Refuse 9999 Don't know	Q30
SF12v2LimitStairsF3	Does your health now limit you in climbing several flights of stairs? 1      Yes, limited a lot 2      Yes, limited a little 3      No, not limited at all 8888 Refuse 9999 Don't know	Q30
SF12v2PhyAccomplishF3	During the past 4 weeks, how much of the time have you accomplished less than you would like? 1      All of the time 2      Most of the time 3      Some of the time 4      A little of the time 5      None of the time 8888 Refuse 9999 Don't know	Q31

Variable Name	Question and Coding	Comments
SF12v2PhyLimitF3	<p>During the past 4 weeks, how much of the time were you limited in the kind of work or other activities?</p> <p>1 All of the time  2 Most of the time  3 Some of the time  4 A little of the time  5 None of the time  8888 Refuse  9999 Don't know</p>	Q31
SF12v2EmAccomplishF3	<p>During the past 4 weeks, how much of the time have you accomplished less than you would like as a result of any emotional problems?</p> <p>1 All of the time  2 Most of the time  3 Some of the time  4 A little of the time  5 None of the time  8888 Refuse  9999 Don't know</p>	Q32
SF12v2EmCarefulF3	<p>During the past 4 weeks, how much of the time did you work or conduct activities less carefully than usual as a result of any emotional problems?</p> <p>1 All of the time  2 Most of the time  3 Some of the time  4 A little of the time  5 None of the time  8888 Refuse  9999 Don't know</p>	Q32

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
SF12v2PainF3	<p>During the past 4 weeks, how much did pain interfere with your normal work (including both work outside the home and housework)?</p> <p>1 Not at all  2 A little bit  3 Moderately  4 Quite a bit  5 Extremely  8888 Refuse  9999 Don't know</p>	Q33
SF12v2CalmF3	<p>During the past 4 weeks, have you felt calm and peaceful?</p> <p>1 All of the time  2 Most of the time  3 Some of the time  4 A little of the time  5 None of the time  8888 Refuse  9999 Don't know</p>	Q34
SF12v2EnergyF3	<p>During the past 4 weeks, did you have a lot of energy?</p> <p>1 All of the time  2 Most of the time  3 Some of the time  4 A little of the time  5 None of the time  8888 Refuse  9999 Don't know</p>	Q34
SF12v2DepressedF3	<p>During the past 4 weeks, have you felt downhearted and depressed?</p> <p>1 All of the time  2 Most of the time  3 Some of the time  4 A little of the time  5 None of the time  8888 Refuse  9999 Don't know</p>	Q34

Variable Name	Question and Coding	Comments
SF12v2SocialF3	<p data-bbox="485 196 1377 258">During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities?</p> <p data-bbox="485 266 753 293">1 All of the time</p> <p data-bbox="485 302 785 329">2 Most of the time</p> <p data-bbox="485 337 791 365">3 Some of the time</p> <p data-bbox="485 373 800 401">4 A little of the time</p> <p data-bbox="485 409 785 436">5 None of the time</p> <p data-bbox="485 444 663 472">8888 Refuse</p> <p data-bbox="485 480 722 508">9999 Don't know</p>	Q35
<p data-bbox="149 521 348 548"><b>SF12v12 Scoring</b></p> <p data-bbox="149 557 947 584">The responses to the SF12v2 questionnaire were scored by Optum.</p> <p data-bbox="149 626 1482 760">Health Domain Scales: Eight domain scales were derived to represent the degree of impairment reported by the participant in eight health domains: physical functioning, role participation with physical health problems (role physical), bodily pain, general health, vitality, social functioning, role participation with emotional health problems (role emotional), and mental health. Each scale has a range from 0-100.</p> <p data-bbox="149 802 1482 971">Component Summary Measures: The two component summary measures—Physical Component Summary (PCS) and Mental Component Summary (MCS)—provide reliable and valid summaries of a respondent or group’s physical and mental health status, respectively. These measures take into account not only the physical or psychological limitations, but also self-evaluation of current health. Both summary measures rely on each of the 8 health domain scales.</p> <p data-bbox="149 1013 1482 1146">Norm Based Scoring (NBS): Simple linear T-score transformation was used to transform the 8 health domain scales and the two component summary measures so scores would be comparable to the 2009 SF12v2 general US population normative data (mean =50; standard deviation = 10). Thus, scores above 55 and below 45 can be considered above and below the average, respectively, in the 2009 US general population.</p> <p data-bbox="149 1188 1482 1321">Missing items: Missing items were not imputed using the Quality Metric Missing Score Estimation (MSE). Scores for the two-item health domain scales (PF, RP, RE, MH) were still derived with one input item missing, while the single-item scales (BP, GH, VT, SF) will be missing if the input item is missing. The component summary measures will be missing if any response to one of the SF12v2 questions was missing.</p> <p data-bbox="149 1364 1451 1435">For additional information see: Maruish, M. E. (Ed.). (2012). User’s manual for the SF-12v2 Health Survey (3rd ed.). Lincoln, RI: QualityMetric Incorporated.</p>		

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
SF12v2PFF3	Physical functioning scale: Measures the degree to which the participant's health limits him or her in performing moderate activities and in climbing several flights of stairs during the past 4 weeks. Numeric value from 0 (Very Limited)-100 (No Limitations) in increments of 25	Scored from responses to SF12v2LimitActF3 and SF12v2LimitStairsF3.
SF12v2RPF3	Role physical scale: Measures the frequency with which physical health limits the participant in accomplishing what he or she would like to accomplish and in performing the kind of work or other activities he or she would like to perform during the past 4 weeks. Numeric value from 0 (Always) -100 (Never) in increments of 12.5	Scored from responses to SF12v2PhyAccomplishF3 and SF12v2PhyLimitF3.
SF12v2BPF3	Bodily pain scale: Measures the degree to which pain interfered with a respondent's normal work during the past 4 weeks. Numeric value from 0 (Extreme) -100 (None) in increments of 25	Scored from response to SF12v2PainF3.
SF12v2GHF3	General health scale: Measures respondents' ratings of their health in general. Numeric Value 0 Poor 25 60 85 100 Excellent	Scored from response to SF12v2HealthF3.
SF12v2VTF3	Vitality scale: Measures how much of the time respondents have "a lot of energy" during the past 4 weeks. Numeric value from 0 (Never) -100 (Always) in increments of 25	Scored from response to SF12v2EnergyF3.
SF12v2SFF3	Social functioning scale: Measures the frequency of limited social activities resulting from physical health or emotional problems during the past 4 weeks. Numeric value from 0 (Always) -100 (Never) in increments of 25	Scored from response to SF12v2SocialF3.
SF12v2REF3	Role emotional scale: Measures the frequency at which emotional health limits the respondent in accomplishing what he or she would like to accomplish and in performing work or other activities as carefully as usual. Numeric value from 0 (Always) -100 (Never) in increments of 12.5	Scored from responses to SF12v2EmAccomplishF3 and SF12v2EmCarefulF3.

<b>Variable Name</b>	<b>Question and Coding</b>	<b>Comments</b>
SF12v2MHF3	Mental health scale: Measures how often the respondent felt both “calm and peaceful” and “downhearted and depressed” during the past 4 weeks. Numeric value from 0 (Downhearted/Never Calm)-100 (Not depressed/Always Calm) in increments of 12.5	Scored from responses to SF12v2CalmF3 and SF12v2DepressedF3.
SF12v2PF_NBSF3	Physical functioning scale Numeric value from 25.58 to 57.06 Lowest possible score: very limited in performing moderate physical activities, such as moving a table or playing golf, and in climbing several flights of stairs. Highest possible score: performs moderate types of physical activities without limitations due to health; is not limited in climbing several flights of stairs.	Norm-based score calculated from SF12v2PFF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.
SF12v2RP_NBSF3	Role physical scale Numeric value from 23.61 to 57.46 Lowest possible score: always experiences problems in accomplishing as much work or other daily activities as one would like, including being limited in the kind work or activities performed, as a result of physical health. Highest possible score: never experiences problems in accomplishing as much work or other daily activities as one would like, including not being limited in the kind work or activities performed, as a result of physical health.	Norm-based score calculated from SF12v2RPF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.
SF12v2BP_NBSF3	Bodily pain scale Numeric value from 21.66 to 57.73 Lowest possible score: extreme interference with normal work due to pain. Highest possible score: no interference with normal work due to pain.	Norm-based score calculated from SF12v2BPF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.



Variable Name	Question and Coding	Comments
SF12v2GH_NBSF3	<p>General health scale</p> <p>Numeric value from 23.90 to 63.66</p> <p>Lowest possible score: evaluates one's health as <i>poor</i>.</p> <p>Highest possible score: evaluates one's health as <i>excellent</i>.</p>	<p>Norm-based score calculated from SF12v2GHF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>
SF12v2VT_NBSF3	<p>Vitality scale</p> <p>Numeric value from 29.39 to 68.74</p> <p>Lowest possible score: never has a lot of energy.</p> <p>Highest possible score: has a lot of energy <i>all of the time</i>.</p>	<p>Norm-based score calculated from SF12v2VTF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>
SF12v2SF_NBSF3	<p>Social functioning scale</p> <p>Numeric value from 21.32 to 56.90</p> <p>Lowest possible score: interference with social activities due to physical and emotional problems <i>all of the time</i>.</p> <p>Highest possible score: no interference with social activities due to physical and emotional problems.</p>	<p>Norm-based score calculated from SF12v2SFF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>
SF12v2RE_NBSF3	<p>Role emotional scale</p> <p>Numeric value from 14.70 to 56.28</p> <p>Lowest possible score: always experiences problems in accomplishing as much work or other daily activities as one would like, including being limited in the kind work or activities performed, as a result of emotional problems.</p> <p>Highest possible score: never experiences problems in accomplishing as much work or other daily activities as one would like, including not being limited in the kind work or activities performed, as a result of emotional problems.</p>	<p>Norm-based score calculated from SF12v2REF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>

Variable Name	Question and Coding	Comments
SF12v2MH_NBSF3	<p>Mental health scale</p> <p>Numeric value from 18.32 to 64.21</p> <p>Lowest possible score: feels downhearted and depressed <i>all of the time</i>; never feels calm and peaceful.</p> <p>Highest possible score: feels downhearted and depressed <i>none</i> of the time; feels calm and peaceful <i>all of the time</i>.</p>	<p>Norm-based score calculated from SF12v2MHF3. Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>
SF12v2PCSF3	<p>Physical component summary. Reflects physical morbidity and etiology.</p> <p>Numeric value from 9.88 to 74.95</p> <p>Lowest possible score: limitations in self-care, physical, social, and role activities; severe bodily pain; frequent tiredness; health rated <i>poor</i>.</p> <p>Highest possible score: no physical limitations, disabilities, or decrements in well-being; high energy level; health rated <i>excellent</i>.</p>	<p>Scored using all eight health domain scales (PF, RP, BP, GH, VT, SF, RE, MH)</p> <p>Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>
SF12v2MCSF3	<p>Mental component summary. Reflects psychological or mental morbidity and etiology.</p> <p>Numeric value from 5.63 to 76.53</p> <p>Lowest possible score: frequent psychological distress; social and role disability due to emotional problems; health rated <i>poor</i>.</p> <p>Highest possible score: frequent positive affect; absence of psychological distress and limitations in usual social/role activities due to emotional problems; health rated <i>excellent</i>.</p>	<p>Scored using all eight health domain scales (PF, RP, BP, GH, VT, SF, RE, MH)</p> <p>Scored using T-score methods. The mean is 50 and the SD is 10 in the 2009 U.S. general population.</p>
SF6D_R2F3	<p>This is a preference-based health state utility index, the SF6D_R2. It is used to conduct cost-utility and cost-benefit analyses of the relative benefits gained from treatment in terms of quality adjusted life years.</p> <p>Numeric value from 0.34 to 1.00</p> <p>Lowest possible score: 0 - dead</p> <p>Highest possible score: 1.00 - full health</p>	<p>This is an additional variable that was not provided in FU1.</p>