

Colon Person (colo_prsn) Data Dictionary

TABLE OF CONTENTS

Document Summary.....	3
Colon Person (colo_prsn): Data Dictionary.....	4
Section 1: Identifiers	4
Section 2: Study	5
Section 3: BQ Eligibility.....	6
Section 4: DHQ Eligibility	7
Section 5: DQX Eligibility	8
Section 6: SQX Eligibility	9
Section 7: MUQ Eligibility	10
Section 8: Exit.....	11
Section 9: Demographics at Trial Entry.....	13
Section 10: Screening	14
Section 11: Diagnostic Workup.....	15
Section 12: Polyps	16
Section 13: Cancer Diagnosis	23
Section 14: Cancer Characteristics	24
Section 15: Treatments.....	29
Section 16: Incident Adenoma	30
Section 17: Pathology Images	32
Section 18: Mortality Status	33
Section 19: Death Certificate Cause of Death.....	34
Section 20: Final Cause of Death	40
Section 21: BQ Compliance	46
Section 22: BQ Demographics	47
Section 23: BQ Smoking.....	48

Section 24: BQ Family History50

Section 25: BQ Body Type51

Section 26: BQ NSAIDS53

Section 27: BQ Diseases54

Section 28: BQ Female Specific56

Section 29: BQ Male Specific61

Section 30: BQ Prostate Surgery63

Section 31: BQ Screening History65

Document Summary

Property	Value
Document Title	Colon Person (colo_prsn): Data Dictionary
Date Created	10/15/2024
Sections	31
Entries	285
Document Filename	dictionary_colo_prsn-t20241011.rtf

Colon Person (colo_prsn): Data Dictionary

Section 1: Identifiers

Variable	Label	Description	Format Text
bq_build	BQ Build	BQ build. Used to identify the version of the database.	Char, 30
build	Build	Masterfile build. Distributed to all datasets and used to identify the version of the database.	Char, 30
dth_build	Death Build	A variable tracking the run date of the death build. It uses the format d<YYYYMMDD>.	Char, 30
plco_id	PLCO ID	PLCO ID	Char, 8
build_cancers	Build Cancer Cohort	The source of the cancer incidence data.	1="Trial Only"
build_death_cutoff	Build Death Cutoff		6="Deaths through 2022"
build_incidence_cutoff	Build Incidence Cutoff	The censoring cutoff for cancer incidence data associated with the dataset.	1="Cancer Incidence Data Through 2009"

Section 2: Study

Variable	Label	Description	Format Text
ph_colo_trial	Trial Personal History of Colorectal Cancer	Did the participant have a personal history of colorectal cancer prior to trial entry?	0="No" 1="Yes"
ph_any_trial	Trial Personal History of Any Cancer	Did the participant have a personal history of any cancer prior to trial entry?	0="No" 1="Yes" 9="Unknown"
in_tgwas_population	In Total GWAS Population	Final denominator of Total GWAS population	0="No" 1="Yes"

Section 3: BQ Eligibility

Variable	Label	Description	Format Text
colo_eligible_bq	BQ Colorectal Analysis: Eligible?	Flagged participants must have completed a valid questionnaire, had no history of colorectal cancer prior to the trial or the questionnaire, and had time at risk for their first cancer following the questionnaire.	0="No" 1="Yes"
entryage_bq	BQ Analysis Entry Age	Age at BQ analysis entry.	Numeric .F="No Form"
entrydays_bq	BQ Analysis Entry Days	Days from the date of randomization until the participant has been randomized and completed the BQ.	Numeric .F="No Form"
ph_colo_bq	BQ Analysis Personal History of Colorectal Cancer	Did the participant have a personal history of colorectal cancer prior to BQ analysis entry?	.F="No Form" 0="No" 1="Yes"
ph_any_bq	BQ Analysis Personal History of Any Cancer	Did the participant have a personal history of any cancer prior to BQ analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"

Section 4: DHQ Eligibility

Variable	Label	Description	Format Text
colo_eligible_dhq	DHQ Colorectal Analysis: Eligible?	Flagged participants must have completed a valid questionnaire, had no history of cancer prior to the trial or the questionnaire, and had time at risk for their first cancer following the questionnaire.	0="No" 1="Yes"
entryage_dhq	DHQ Analysis Entry Age	Age at DHQ analysis entry.	Numeric .F="No Form"
entrydays_dhq	DHQ Analysis Entry Days	Days from the date of randomization until participant has been randomized and completed the BQ and DHQ.	Numeric .F="No Form"
ph_colo_dhq	DHQ Analysis Personal History of Colorectal Cancer	Did the participant have a personal history of colorectal cancer prior to DHQ analysis entry?	.F="No Form" 0="No" 1="Yes"
ph_any_dhq	DHQ Analysis Personal History of Any Cancer	Did the participant have a personal history of any cancer prior to DHQ analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"

Section 5: DQX Eligibility

Variable	Label	Description	Format Text
colo_eligible_dqx	DQX Colorectal Analysis: Eligible?	Flagged participants must have completed a valid questionnaire, had no history of cancer prior to the trial or the questionnaire, and had time at risk for their first cancer following the questionnaire.	0="No" 1="Yes"
entryage_dqx	DQX Analysis Entry Age	Age at DQX analysis entry.	Numeric .F="No Form"
entrydays_dqx	DQX Analysis Entry Days	Days from the date of randomization until participant has been randomized and completed the BQ and DQX.	Numeric .F="No Form"
ph_colo_dqx	DQX Analysis Personal History of Colorectal Cancer	Did the participant have a personal history of colorectal cancer prior to DQX analysis entry?	.F="No Form" 0="No" 1="Yes"
ph_any_dqx	DQX Analysis Personal History of Any Cancer	Did the participant have a personal history of any cancer prior to DQX analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"

Section 6: SQX Eligibility

Variable	Label	Description	Format Text
colo_eligible_sqx	SQX Colorectal Analysis: Eligible?	Flagged participants must have completed a valid questionnaire, had no history of colorectal cancer prior to the trial or the questionnaire, and had time at risk for their first cancer following the questionnaire.	0="No" 1="Yes"
entryage_sqx	SQX Analysis Entry Age	Age at SQX analysis entry.	Numeric .F="No Form"
entrydays_sqx	SQX Analysis Entry Days	Days from the date of randomization until the participant has been randomized and completed the BQ and SQX.	Numeric .F="No Form"
ph_colo_sqx	SQX Analysis Personal History of Colorectal Cancer	Did the participant have a personal history of colorectal cancer prior to SQX analysis entry?	.F="No Form" 0="No" 1="Yes"
ph_any_sqx	SQX Analysis Personal History of Any Cancer	Did the participant have a personal history of any cancer prior to SQX analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"

Section 7: MUQ Eligibility

Variable	Label	Description	Format Text
entryage_muq	MUQ Analysis Entry Age	Age at MUQ analysis entry.	Numeric .F="No Form"
entrydays_muq	MUQ Analysis Entry Days	Days from the date of randomization until the participant has been randomized and completed the BQ and MUQ.	Numeric .F="No Form"
ph_colo_muq	MUQ Analysis Personal History of Colorectal Cancer	Did the participant have a personal history of colorectal cancer prior to MUQ analysis entry?	.F="No Form" 0="No" 1="Yes"
ph_any_muq	MUQ Analysis Personal History of Any Cancer	Did the participant have a personal history of any cancer prior to MUQ analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"

Section 8: Exit

Variable	Label	Description	Format Text
colo_exitstat	Colorectal Incidence Exit Status	Status of the participant at exit for colorectal cancer incidence.	0="No Time at Risk" 1="Confirmed Cancer" 2="Confirmed In Situ/Borderline/LMP/Non-Target Cancer" 3="Last Participant Contact Prior to Unconfirmed Report" 4="Last Participant Contact" 5="Death" 6="Date Lost, Prior to Death" 8="Cancer Free at Cutoff" 9="Post-2009 Death, Exit At 12/31/09"
fstcan_exitstat	First Cancer Incidence Exit Status	Status of the participant at exit for first cancer incidence. Only cancers occurring during the trial are used to determine exit.	0="No Time at Risk" 1="Confirmed Cancer" 3="Last Participant Contact Prior to Unconfirmed Report" 4="Last Participant Contact" 5="Death" 6="Date Lost, Prior to Death" 8="Cancer Free at Cutoff" 9="Post-2009 Death, Exit At 12/31/09"
colo_exitdays	Days Until Colorectal Incidence Exit	Days from trial entry (randomization) to cancer diagnosis for participants with colorectal cancer, or to trial exit otherwise.	Numeric
fstcan_exitdays	Days Until First Cancer Incidence Exit	Days from trial entry (randomization) to first cancer diagnosis for participants with cancer, or to trial exit otherwise. Only cancers occurring during the trial are used to determine exit.	Numeric
colo_exitage	Colorectal Incidence Exit Age	Age of participant at exit for colorectal incidence. This is age at diagnosis for participants with colorectal cancer and age at trial exit otherwise.	Numeric
fstcan_exitage	First Cancer Incidence Exit Age	Age of participant at exit for first cancer incidence. This is age at diagnosis for participants with cancer and age at trial exit otherwise. Only cancers occurring during the trial are used to determine exit.	Numeric
mortality_exitstat	Exit Status for Mortality	Status of the participant at mortality exit. For participants not confirmed dead, this is the most recent contact or NDI search indicating the participant is alive.	1="Death" 2="Last NDI/Cutoff" 3="Refusal" 4="Other"

Variable	Label	Description	Format Text
mortality_exitdays	Days Until Mortality Exit	Days from randomization until mortality exit date. This is the day of death or the day last known alive. Participants are known alive through either trial contact or by queries to NDI.	Numeric
mortality_exitage	Exit Age for Mortality	Age of the participant at death, or when last known to be alive.	Numeric

Section 9: Demographics at Trial Entry

Variable	Label	Description	Format Text
age	Age At Randomization	Age at trial entry, computed from date of birth and randomization date.	Numeric
agelevel	Age At Randomization	Categorical version of age, created from the derived age variable.	0="≤ 59" 1="60-64" 2="65-69" 3="≥ 70"
arm	Randomization Arm	Randomization group or arm. The intervention (screening) group or the control (usual-care) group.	1="Intervention" 2="Control"
center	Study Center	The study center at which the participant was randomized.	1="University of Colorado" 2="Georgetown University" 3="Pacific Health Research and Education Institute (Honolulu)" 4="Henry Ford Health System" 5="University of Minnesota" 6="Washington University in St Louis" 8="University of Pittsburgh" 9="University of Utah" 10="Marshfield Clinic Research Foundation" 11="University of Alabama at Birmingham"
rndyear	Year Of Randomization	Calendar year of trial entry, at which point the participant was randomized into an arm.	Numeric
sex	Sex	Sex of the participant.	1="Male" 2="Female"
dual	Screening Dual Consent	Was the participant presented with single consent or dual consent? Three study centers (Henry Ford Health System, Washington University in St Louis and Pacific Health Research Institute in Honolulu) chose the dual consent approach initially. All three centers switched to single consent from 1995 to 1997.	0="No, single consent" 1="Yes, dual consent"

Section 10: Screening

Variable	Label	Description	Format Text
fsg_result0/3/5/35	Result of T[X] FSG	Flexible sigmoidoscopy (FSG) screening result for each year.	.C="Control" 1="Negative" 2="Abnormal, Suspicious" 3="Abnormal, Non-Suspicious" 4="Inadequate Screen" 8="Not Done, Expected" 9="Not Done, Not Expected"
fsg_days0/3/5/35	Days Until T[X] FSG	Days from randomization until flexible sigmoidoscopy (FSG) exam for each screen year.	Numeric .C="Control" .F="No Form"
protocolc	FSG Screening Protocol	What study year is the 2nd flexible sigmoidoscopy (FSG) screen expected? T3 or T5.	.C="Control" 3="Expect T3" 5="Expect T5"
lessize0/3/5/35	Largest Lesion Size on T[X] FSG	The size of the largest lesion found on the flexible sigmoidoscopy (FSG) protocol or QA exam in each screen year.	Numeric .C="Control" .F="No Form" .M="Missing" .N="Not Applicable"
fsg_in0/3/5/35	T[X] Inadequate FSG or FSQ Result	If the participant has an inadequate flexible sigmoidoscopy (FSG) exam result, but has a positive/negative QA result, or vice versa, then the variable is set to 3.	.C="Control" .F="No Form" 0="No" 1="Yes, Also Has a Later Screen" 2="Yes, But Does Not Have a Later Screen" 3="Inadequate Screen and Positive/Negative QA, or Vice Versa."
lessize_cat0/3/5/35	Largest Lesion Size on T[X] FSG	Size of the largest lesion on T[X] flexible sigmoidoscopy (FSG). This variable categorizes the lesion size based on its measurement. For lesions where a comment regarding the size was provided instead of a numerical value, this variable provides the lesion size from the comment.	.C="Control" .F="No Form" .M="Missing" .N="Not Applicable" 1="Diminutive" 2="Small" 3="Large"

Section 11: Diagnostic Workup

Variable	Label	Description	Format Text
hadcolsc0/3/5/35	Had Endoscopy Following Positive T[X] Screen	This variable records what endoscopic follow-up, if any, occurred after a positive screen. If the participant had more than one type of endoscopy, this variable will indicate colonoscopy over other types of endoscopies, and will indicate endoscopy, NOS over sigmoidoscopy.	.F="No Form" 0="No" 1="Colonoscopy" 2="Endoscopy, NOS" 3="Sigmoidoscopy"
hadcolsc12mon0/3/5/35	Had Endoscopy Within 12 Months Following Positive T[X] Screen	This variable records what endoscopic follow-up, if any, occurred within 12 months of a positive screen? If the participant had more than one type of endoscopy, this variable will indicate colonoscopy over other types of endoscopies, and will indicate endoscopy, NOS over sigmoidoscopy.	.C="Control" .N="Not Applicable" 0="No Screen or No Endoscopies" 1="Colonoscopy" 2="Endoscopy, NOS" 3="Sigmoidoscopy"
hadcolsc_days0/3/5/35	Days Until Follow-up Endoscopy in T[X]	Days from randomization until the earliest endoscopy of the type specified by hadcolsc0/3/5/35.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
colo_mra_stat0/3/5/35	T[X] Colorectal Medical Record Abstracting Status	Captures whether the participant had follow-up in response to a positive screen. In particular, it is used to distinguish between when the trial knows a participant did not have follow-up, and when the trial does not have enough information to know.	0="No Positive Screen" 1="Complete Information with Procedures" 2="Complete Information with No Procedures" 3="Incomplete Information, Unknown If Procedures"

Section 12: Polyps

Variable	Label	Description	Format Text
colsw_eith0/3/5/35	Worst Finding Following Positive T[X] Screen	What was the worst finding on either side of the colon in each screening year? Lower numbers in the format correspond to worse findings than higher numbers (i.e. cancer is the worst finding, advanced adenoma is second worst, etc.).	.F="No Form" 1="Cancer" 2="Advanced Adenoma" 3="Adenoma" 4="Hyperplastic Polyp" 5="Benign Polyp, NOS" 6="Had Colonoscopy" 7="Had Endoscopy, NOS" 8="Had Sigmoidoscopy" 9="No Endoscopy"
colsw_eith_days0/3/5/35	Days Until Worst Finding Following Positive T[X] Screen	Days from randomization until the worst finding on either side of the colon in each screening year.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
colsw_left0/3/5/35	Worst Finding on Left Side Following Positive T[X] Screen	What was the worst finding on the left side of the colon in each screening year? Lower numbers in the format correspond to worse findings than higher numbers (i.e. cancer is the worst finding, advanced adenoma is second worst, etc.).	.F="No Form" 1="Cancer" 2="Advanced Adenoma" 3="Adenoma" 4="Hyperplastic Polyp" 5="Benign Polyp, NOS" 6="Had Colonoscopy" 7="Had Endoscopy, NOS" 8="Had Sigmoidoscopy" 9="No Endoscopy"
colsw_left_days0/3/5/35	Days Until Worst Finding on Left Side Following Positive T[X] Screen	Days from randomization until the worst finding on the left side of the colon in each screening year.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
colsw_rght0/3/5/35	Worst Finding on Right Side Following Positive T[X] Screen	What was the worst finding on the right side of the colon in each screening year? Lower numbers in the format correspond to worse findings than higher numbers (i.e. cancer is the worst finding, advanced adenoma is second worst, etc.).	.F="No Form" 1="Cancer" 2="Advanced Adenoma" 3="Adenoma" 4="Hyperplastic Polyp" 5="Benign Polyp, NOS" 6="Had Colonoscopy" 7="Had Endoscopy, NOS" 9="No Endoscopy or Only Sigmoidoscopy"
colsw_rght_days0/3/5/35	Days Until Worst Finding on Right Side Following Positive T[X] Screen	Days from randomization until the worst finding on the right side of the colon in each screening year.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
aden_count_eith0/3/5/35	Count of Adenomas Found Following Positive T[X] Screen	Number of adenomas found on either side of the colon in each screening year.	Numeric .F="No Form"
aden_count_left0/3/5/35	Count of Adenomas Found on Left Side Following Positive T[X] Screen	Number of adenomas found on the left side of the colon in each screening year.	Numeric .F="No Form"

Variable	Label	Description	Format Text
aden_count_rght0/3/5/35	Count of Adenomas Found on Right Side Following Positive T[X] Screen	Number of adenomas found on the right side of the colon in each screening year.	Numeric .F="No Form"
adeneith0/3/5/35	Adenoma Found Following Positive T[X] Screen	Was an adenoma found on either side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
adeneith_days0/3/5/35	Days Until Adenoma Found Following Positive T[X] Screen	Days from randomization until an adenoma was first found on either side of the colon in each screening year. If it is uncertain whether there was an adenoma, this is the days until a possible adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
adenleft0/3/5/35	Adenoma Found on Left Side Following Positive T[X] Screen	Was an adenoma found on the left side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
adenleft_days0/3/5/35	Days Until Adenoma Found on Left Side Following Positive T[X] Screen	Days from randomization until an adenoma was first found on the left side of the colon in each screening year. If it is uncertain whether there was an adenoma, this is the days until a possible adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
adenrght0/3/5/35	Adenoma Found on Right Side Following Positive T[X] Screen	Was an adenoma found on the right side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
adenrght_days0/3/5/35	Days Until Adenoma Found on Right Side Following Positive T[X] Screen	Days from randomization until an adenoma was first found on the right side of the colon in each screening year. If it is uncertain whether there was an adenoma, this is the days until a possible adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
adveith0/3/5/35	Advanced Adenoma Found Following Positive T[X] Screen	Was an advanced adenoma found on either side of the colon in each screening year? Advanced adenomas include in situ carcinomas, villous adenomas, large adenomas, and adenomas with dysplasia.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
adveith_days0/3/5/35	Days Until Advanced Adenoma Found Following Positive T[X] Screen	Days from randomization until an advanced adenoma was first found on either side of the colon in each screening year. If it is uncertain whether there was an advanced adenoma, this is the days until a possible advanced adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
advleft0/3/5/35	Advanced Adenoma Found on Left Side Following Positive T[X] Screen	Was an advanced adenoma found on the left side of the colon in each screening year? Advanced adenomas include in situ carcinomas, villous adenomas, large (≥ 1 cm) adenomas, and adenomas with dysplasia.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"

Variable	Label	Description	Format Text
advleft_days0/3/5/35	Days Until Advanced Adenoma Found on Left Side Following Positive T[X] Screen	Days from randomization until an advanced adenoma was first found on the left side of the colon in each screening year. If it is uncertain whether there was an advanced adenoma, this is the days until a possible advanced adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
advrght0/3/5/35	Advanced Adenoma Found on Right Side Following Positive T[X] Screen	Was an advanced adenoma found on the right side of the colon in each screening year? Advanced adenomas include in situ carcinomas, villous adenomas, large (>= 1 cm) adenomas, and adenomas with dysplasia.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
advrght_days0/3/5/35	Days Until Advanced Adenoma Found on Right Side Following Positive T[X] Screen	Days from randomization until an advanced adenoma was first found on the right side of the colon in each screening year. If it is uncertain whether there was an advanced adenoma, this is the days until a possible advanced adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
villeith0/3/5/35	Villous Adenoma Found Following Positive T[X] Screen	Was a villous adenoma found on either side of the colon in each screening year. Both completely villous and tubulovillous adenomas are considered villous for this variable.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
villeith_days0/3/5/35	Days Until Villous Adenoma Found Following Positive T[X] Screen	Days until a villous adenoma was found on either side of the colon in each screening year. If it is uncertain whether there was a villous adenoma, this is the days until a possible villous adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
villleft0/3/5/35	Villous Adenoma Found on Left Side Following Positive T[X] Screen	Was a villous adenoma found on the left side of the colon in each screening year. Both completely villous and tubulovillous adenomas are considered villous for this variable.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
villleft_days0/3/5/35	Days Until Villous Adenoma Found on Left Side Following Positive T[X] Screen	Days until a villous adenoma was found on the left side of the colon in each screening year. If it is uncertain whether there was a villous adenoma, this is the days until a possible villous adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
villrght0/3/5/35	Villous Adenoma Found on Right Side Following Positive T[X] Screen	Was a villous adenoma found on the right side of the colon in each screening year. Both completely villous and tubulovillous adenomas are considered villous for this variable.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
villrght_days0/3/5/35	Days Until Villous Adenoma Found on Right Side Following Positive T[X] Screen	Days until a villous adenoma was found on the right side of the colon in each screening year. If it is uncertain whether there was a villous adenoma, this is the days until a possible villous adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"

Variable	Label	Description	Format Text
dyspeith0/3/5/35	Polyp with Dysplasia Found Following Positive T[X] Screen	Was a polyp with severe dysplasia found on either side of the colon in each screening year. This variable only reflects whether there was a polyp with severe dysplasia, not mild or moderate dysplasia.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No known Endoscopy"
dyspeith_days0/3/5/35	Days Until Polyp with Dysplasia Found Following Positive T[X] Screen	Days until a polyp with severe dysplasia was found on either side of the colon in each screening year. If it is uncertain whether a polyp had severe dysplasia, this is the days until a polyp where dysplasia information is uncertain.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
dyspleft0/3/5/35	Polyp with Dysplasia Found on Left Side Following Positive T[X] Screen	Was a polyp with severe dysplasia found on the left side of the colon in each screening year. This variable only reflects whether there was a polyp with severe dysplasia, not mild or moderate dysplasia.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No known Endoscopy"
dyspleft_days0/3/5/35	Days Until Polyp with Dysplasia Found on Left Side Following Positive T[X] Screen	Days until a polyp with severe dysplasia was found on the left side of the colon in each screening year. If it is uncertain whether a polyp had severe dysplasia, this is the days until a polyp where dysplasia information is uncertain.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
dysprght0/3/5/35	Polyp with Dysplasia Found on Right Side Following Positive T[X] Screen	Was a polyp with severe dysplasia found on the right side of the colon in each screening year. This variable only reflects whether there was a polyp with severe dysplasia, not mild or moderate dysplasia.	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No known Endoscopy"
dysprght_days0/3/5/35	Days Until Polyp with Dysplasia Found on Right Side Following Positive T[X] Screen	Days until a polyp with severe dysplasia was found on the right side of the colon in each screening year. If it is uncertain whether a polyp had severe dysplasia, this is the days until a polyp where dysplasia information is uncertain.	Numeric .F="No Form" .N="Not Applicable"
dyspw_eith0/3/5/35	Worst Level of Dysplasia Found Following Positive T[X] Screen	The worst dysplasia found on either side of the colon in each screening year. If dysplasia information was not available, the level for no dysplasia is used. The levels 1, "mild," and 3, "severe," are reversed from the order of the levels on the Diagnostic Evaluation form.	.F="No Form" 0="No Dysplasia" 1="Severe Dysplasia" 2="Moderate Dysplasia" 3="Mild Dysplasia" 10="No Known Endoscopy"
dyspw_left0/3/5/35	Worst Level of Dysplasia Found on Left Side Following Positive T[X] Screen	The worst dysplasia found on the left side of the colon in each screening year. If dysplasia information was not available, the level for no dysplasia is used. The levels 1, "mild," and 3, "severe," are reversed from the order of the levels on the Diagnostic Evaluation form.	.F="No Form" 0="No Dysplasia" 1="Severe Dysplasia" 2="Moderate Dysplasia" 3="Mild Dysplasia" 9="Unknown" 10="No Known Endoscopy"
dyspw_rght0/3/5/35	Worst Level of Dysplasia Found on Right Side Following Positive T[X] Screen	The worst dysplasia found on the right side of the colon in each screening year. If dysplasia information was not available, the level for no dysplasia is used. The levels 1, "mild," and 3, "severe," are reversed from the order of the levels on the Diagnostic Evaluation form.	.F="No Form" 0="No Dysplasia" 1="Severe Dysplasia" 2="Moderate Dysplasia" 3="Mild Dysplasia" 9="Unknown" 10="No Known Endoscopy"

Variable	Label	Description	Format Text
insieith0/3/5/35	In Situ Carcinoma Found Following Positive T[X] Screen	Did the participant have an in situ carcinoma on either side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes"
insileft0/3/5/35	In Situ Carcinoma Found on Left Side Following Positive T[X] Screen	Did the participant have an in situ carcinoma on either side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes"
insirght0/3/5/35	In Situ Carcinoma Found on Right Side Following Positive T[X] Screen	Did the participant have an in situ carcinoma on either side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes"
largeith0/3/5/35	Large Adenoma Found Following Positive T[X] Screen	Was a large (>= 1 cm) adenoma found on either side of the colon in each screening year? The level for "probably large" is used when a polyp record indicated multiple polyps were recorded together in a single record, with at least one of those polyps being an adenoma and at least one of those polyps being large.	.F="No Form" 0="No" 1="Yes" 2="Probable Large" 9="Unknown" 10="No Known Endoscopy"
largeith_days0/3/5/35	Days Until Large Adenoma Found Following Positive T[X] Screen	Days from randomization until a large (>= 1cm) adenoma was found on either side of the colon in each screening year. If it is uncertain whether there was a large adenoma, this is the days until a possible large adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
largeth0/3/5/35	Large Adenoma Found on Left Side Following Positive T[X] Screen	Was a large (>= 1 cm) adenoma found on the left side of the colon in each screening year? The level for "probably large" is used when a polyp record indicated multiple polyps were recorded together in a single record, with at least one of those polyps being an adenoma and at least one of those polyps being large.	.F="No Form" 0="No" 1="Yes" 2="Probable Large" 9="Unknown" 10="No Known Endoscopy"
largeth_days0/3/5/35	Days Until Large Adenoma Found on Left Side Following Positive T[X] Screen	Days from randomization until a large (>= 1 cm) adenoma was found on the left side of the colon in each screening year. If it is uncertain whether there was a large adenoma, this is the days until a possible large adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
largrht0/3/5/35	Large Adenoma Found on Right Side Following Positive T[X] Screen	Was a large (>= 1 cm) adenoma found on the right side of the colon in each screening year? The level for "probably large" is used when a polyp record indicated multiple polyps were recorded together in a single record, with at least one of those polyps being an adenoma and at least one of those polyps being large.	.F="No Form" 0="No" 1="Yes" 2="Probable Large" 9="Unknown" 10="No Known Endoscopy"
largrht_days0/3/5/35	Days Until Large Adenoma Found on Right Side Following Positive T[X] Screen	Days from randomization until a large (>= 1cm) adenoma was found on the right side of the colon in each screening year. If it is uncertain whether there was a large adenoma, this is the days until a possible large adenoma was found.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
rsizeith0/3/5/35	Size (mm) of Largest Adenoma Found Following Positive T[X] Screen	Size in millimeters of the largest adenoma on either side of the colon in each screening year.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"

Variable	Label	Description	Format Text
rsizleft0/3/5/35	Size (mm) of Largest Adenoma Found on Left Side Following Positive T[X] Screen	Size in millimeters of the largest adenoma on the left side of the colon in each screening year.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
rsizrgh0/3/5/35	Size (mm) of Largest Adenoma Found on Right Side Following Positive T[X] Screen	Size in millimeters of the largest adenoma on the right side of the colon in each screening year.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
sizeeith0/3/5/35	Size of Largest Adenoma Found Following Positive T[X] Screen	Size of the largest adenoma on either side of the colon in each screening year.	.F="No Form" 0="No Known Adenoma" 1="Diminutive" 2="Small" 3="Large" 9="No Known Size"
sizeeith_days0/3/5/35	Days Until Largest Adenoma Found Following Positive T[X] Screen	Days from randomization until the largest adenoma on either side of the colon was found in each screening year. If the largest adenoma is unclear, this is the days until the first adenoma that could be the largest.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
sizeleft0/3/5/35	Size of Largest Adenoma Found on Left Side Following Positive T[X] Screen	Size of the largest adenoma on the left side of the colon in each screening year.	.F="No Form" 0="No Known Adenoma" 1="Diminutive" 2="Small" 3="Large" 9="No Known Size"
sizeleft_days0/3/5/35	Days Until Largest Adenoma Found on Left Side Following Positive T[X] Screen	Days from randomization until the largest adenoma on the left side of the colon was found in each screening year. If the largest adenoma is unclear, this is the days until the first adenoma that could be the largest.	Numeric .F="No Form" .N="Not Applicable"
sizerght0/3/5/35	Size of Largest Adenoma Found on Right Side Following Positive T[X] Screen	Size of the largest adenoma on the right side of the colon in each screening year.	.F="No Form" 0="No Known Adenoma" 1="Diminutive" 2="Small" 3="Large" 9="No Known Size"
sizerght_days0/3/5/35	Days Until Largest Adenoma Found on Right Side Following Positive T[X] Screen	Days from randomization until the largest adenoma on the right side of the colon was found in each screening year. If the largest adenoma is unclear, this is the days until the first adenoma that could be the largest.	Numeric .F="No Form" .M="Missing" .N="Not Applicable"
multeith0/3/5/35	Multiple Adenomas Found Following Positive T[X] Screen	Were multiple adenomas found on either side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No known endoscopy"
multleft0/3/5/35	Multiple Adenomas Found on Left Side Following Positive T[X] Screen	Were multiple adenomas found on the left side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"

Variable	Label	Description	Format Text
multrght0/3/5/35	Multiple Adenomas Found on Right Side Following Positive T[X] Screen	Were multiple adenomas found on the right side of the colon in each screening year?	.F="No Form" 0="No" 1="Yes" 9="Unknown" 10="No Known Endoscopy"
numadv0/3/5/35	Number of Advanced Adenomas in Study Years [X]		Numeric .F="No Form" .M="Missing data" .V="Missing"
numnoadv0/3/5/35	Number of Non-Advanced Adenomas in Study Years [X]		Numeric .F="No Form" .M="Missing data" .V="Missing"

Section 13: Cancer Diagnosis

Variable	Label	Description	Format Text
colo_cancer	Confirmed Colorectal Cancer	Does the participant have confirmed primary invasive colorectal cancer diagnosed during the trial?	0="No Confirmed Cancer" 1="Confirmed Cancer"
colo_cancer_diagdays	Colorectal Confirmed Cancer Diagnosis Days		Numeric .N="Not Applicable"
colo_cancer_first	Was Colorectal Cancer the First Diagnosed Cancer?	Among all of a participant's cancers diagnosed during the trial, was colorectal cancer the earliest?	.N="Not Applicable" 0="No" 1="Yes"
intstatc_cat	Colorectal Cancer Screen Detected vs. Interval Status	Classifies colorectal cancers based on their screen detected or interval status.	0="No Cancer" 1="Control With Cancer" 2="Never Screened" 3="Post-Screening" 4="Interval" 5="Screen Dx"
reasfolc	Reason For Initial Clinical Assessment: Followup Of Positive Screen (Cancer Year)?	DEC2-5 DEC3-2 Was follow-up to a positive screen listed as a reason for the initial visit for clinical assessment in the cancer year? This question was not asked on version 1 forms.	.F="No Form" .V="Not Asked - Version 1 Form" 0="No" 1="Yes"
reasothc	Reason For Initial Clinical Assessment: Other (Specify) (Cancer Year)?	DEC2-5 DEC3-2 Was an other reason listed as a reason for the initial visit for clinical assessment in the cancer year? This question was not asked on version 1 forms.	.F="No Form" .V="Not Asked - Version 1 Form" 0="No" 1="Yes"
reassurvc	Reason For Initial Clinical Assessment: Surveillance (Cancer Year)?	DEC2-5 Was surveillance listed as a reason for the initial visit for clinical assessment in the cancer year? This question was not asked on version 1 forms, and this answer was not a choice on version 3 forms.	.F="No Form" .V="Not Asked - Version 1 or 3 Form" 0="No" 1="Yes"
reassympc	Reason For Initial Clinical Assessment: Symptomatic (Cancer Year)?	DEC2-5 DEC3-2 Was being symptomatic listed as a reason for the initial visit for clinical assessment in the cancer year? This question was not asked on version 1 forms.	.F="No Form" .V="Not Asked - Version 1 Form" 0="No" 1="Yes"
colo_annyr	Colorectal Cancer Anniversary Year	Full years elapsed before colorectal cancer diagnosis (from randomization/trial entry).	Numeric .N="Not Applicable"

Section 14: Cancer Characteristics

Variable	Label	Description	Format Text
colo_stage	Colorectal Stage (AJCC 5th Edition)		.M="Missing data" .N="Not Applicable" 100="Stage I" 200="Stage II" 300="Stage III" 400="Stage IV" 994="Carcinoid, cannot be assessed"
colo_stage_m	Colorectal Stage M Component	Pathologic M is preferred over clinical M, unless there is neoadjuvant treatment.	.M="Missing data" .N="Not Applicable" 0="M0" 100="M1" 994="Carcinoid, cannot be assessed" 999="MX"
colo_stage_n	Colorectal Stage N Component	Pathologic N is preferred over clinical N, unless there is neoadjuvant treatment.	.M="Missing data" .N="Not Applicable" 0="N0" 100="N1" 200="N2" 300="N3" 994="Carcinoid, cannot be assessed" 999="NX"
colo_stage_t	Colorectal Stage T Component	Pathologic T is preferred over clinical T, unless there is neoadjuvant treatment.	.M="Missing data" .N="Not Applicable" 100="T1" 200="T2" 300="T3" 400="T4" 994="Carcinoid, cannot be assessed" 999="TX"
colo_clinstage	Colorectal Clinical Stage (AJCC 5th Edition)		.M="Missing data" .N="Not Applicable" 100="Stage I" 200="Stage II" 300="Stage III" 400="Stage IV" 994="Carcinoid, cannot be assessed"
colo_clinstage_m	Colorectal Clinical Stage M Component		.M="Missing data" .N="Not Applicable" 0="M0" 100="M1" 994="Carcinoid, cannot be assessed" 999="MX"

Variable	Label	Description	Format Text
colo_clinstage_n	Colorectal Clinical Stage N Component		.M="Missing data" .N="Not Applicable" 0="N0" 100="N1" 200="N2" 994="Carcinoid, cannot be assessed" 999="NX"
colo_clinstage_t	Colorectal Clinical Stage T Component		.M="Missing data" .N="Not Applicable" 0="T0" 20="Tis" 100="T1" 200="T2" 300="T3" 400="T4" 994="Carcinoid, cannot be assessed" 999="TX"
colo_pathstage	Colorectal Pathologic Stage (AJCC 5th Edition)		.M="Missing data" .N="Not Applicable" 100="Stage I" 200="Stage II" 300="Stage III" 400="Stage IV" 994="Carcinoid, cannot be assessed"
colo_pathstage_m	Colorectal Pathologic Stage M Component		.M="Missing data" .N="Not Applicable" 0="M0" 100="M1" 994="Carcinoid, cannot be assessed" 999="MX"
colo_pathstage_n	Colorectal Pathologic Stage N Component		.M="Missing data" .N="Not Applicable" 0="N0" 100="N1" 200="N2" 300="N3" 994="Carcinoid, cannot be assessed" 999="NX"
colo_pathstage_t	Colorectal Pathologic Stage T Component		.M="Missing data" .N="Not Applicable" 0="T0" 100="T1" 200="T2" 300="T3" 400="T4" 994="Carcinoid, cannot be assessed" 999="TX"

Variable	Label	Description	Format Text
colo_stage_7e	Colorectal Stage (AJCC 7th Edition)	<p>Stage for colorectal cancer calculated using the AJCC 7th edition staging manual.</p> <p>The trial collected stage using the AJCC 5th edition staging manual. The 7th edition stage has been calculated by using the TNM components recorded for the 5th edition stage, but applying the staging algorithm from the 7th edition staging manual.</p>	.M="Missing data" .N="Not Applicable" 100="Stage I" 200="Stage II" 210="Stage IIA" 300="Stage III" 310="Stage IIIA" 320="Stage IIIB" 330="Stage IIIC" 400="Stage IV" 994="Carcinoid, cannot be assessed"
colo_clinstage_7e	Colorectal Clinical Stage (AJCC 7th Edition)	<p>Clinical stage for colorectal cancer calculated using the AJCC 7th edition staging manual.</p> <p>The trial collected stage using the AJCC 5th edition staging manual. The 7th edition stage has been calculated by using the TNM components recorded for the 5th edition stage, but applying the staging algorithm from the 7th edition staging manual.</p>	.M="Missing data" .N="Not Applicable" 100="Stage I" 200="Stage II" 210="Stage IIA" 300="Stage III" 310="Stage IIIA" 320="Stage IIIB" 330="Stage IIIC" 400="Stage IV" 994="Carcinoid, cannot be assessed"
colo_pathstage_7e	Colorectal Pathologic Stage (AJCC 7th Edition)	<p>Pathologic stage for colorectal cancer calculated using the AJCC 7th edition staging manual.</p> <p>The trial collected stage using the AJCC 5th edition staging manual. The 7th edition stage has been calculated by using the TNM components recorded for the 5th edition stage, but applying the staging algorithm from the 7th edition staging manual.</p>	.M="Missing data" .N="Not Applicable" 100="Stage I" 200="Stage II" 210="Stage IIA" 300="Stage III" 310="Stage IIIA" 320="Stage IIIB" 330="Stage IIIC" 400="Stage IV" 994="Carcinoid, cannot be assessed"
colo_appendix_cancer	Is This a Cancer of the Appendix?	Is this a cancer of the appendix?	0="No" 1="Yes"
colo_cancer_type	Colorectal Cancer Type		.N="Not Applicable" 1="Colorectal Cancer" 2="Colorectal Carcinoid"
colo_icdo2_tmrlc	Colorectal Tumor Location (from ICD-O-2 topography)	Tumor location based on ICD topography.	0="Not Applicable" 1="Rectum, NOS or Cloacogenic Zone or Overlapping Lesion of Rectum, Anus and Anal Cavity" 2="Rectosigmoid Junction" 3="Sigmoid Colon" 4="Descending Colon" 5="Splenic Flexure of Colon" 6="Transverse Colon" 7="Hepatic Flexure of Colon" 8="Ascending Colon" 10="Cecum" 11="Overlapping Lesion of Colon" 12="Colon, NOS"

Variable	Label	Description	Format Text
colo_location	Colorectal Cancer Location	Where was the colon tumor located using both the ICD topography and the bubbled carcinoma records.	.N="Not Applicable" 1="Rectum, NOS or Cloacogenic Zone or Overlapping Lesion of Rectum, Anus and Anal Cavity" 2="Rectosigmoid Junction" 3="Sigmoid Colon" 4="Descending Colon" 5="Splenic Flexure of Colon" 6="Transverse Colon" 7="Hepatic Flexure of Colon" 8="Ascending Colon" 10="Cecum" 12="Colon, NOS"
colo_location_rectum	Colorectal Cancer Location - Rectum or Colon	Colorectal tumor location classified into rectum, colon, or unclear.	.N="Not Applicable" 1="Rectum" 2="Colon" 3="Unclear"
colo_location_side	Colorectal Cancer Side/Location	Colorectal tumor location classified into distal/proximal or unclear.	.N="Not Applicable" 1="Distal" 2="Proximal" 3="Unclear"
colo_location_summary	Colorectal Cancer Location Summary	Colorectal tumor location classification, breaking out splenic flexure.	.N="Not Applicable" 1="Rectosigmoid" 2="Splenic Flexure or Descending" 3="Proximal (Except for Splenic Flexure)" 4="Unclear"
colo_behavior	Colon Cancer Behavior (ICD-O-2)	DEC1-C.15 DEC2-C.17 DEC3-C.12 ICD-O-2 behavior code.	.N="Not Applicable" 3="Malignant"
colo_grade	Colon Cancer Grade (ICD-O-2)	DEC1-C.15 DEC2-C.17 DEC3-C.12 ICD-O-2 grade.	.N="Not Applicable" 1="Well Differentiated (Grade I)" 2="Moderately Differentiated (Grade II)" 3="Poorly Differentiated (Grade III)" 4="Undifferentiated (Grade IV)" 9="Unknown"
colo_morphology	Colon Cancer Morphology (ICD-O-2)	DEC1-C.15 DEC2-C.17 DEC3-C.12 ICD-O-2 morphology. Valid range is 8000-9989.	Reference ICD-O-2 Documentation .N="Not Applicable"

Variable	Label	Description	Format Text
colo_seer	SEER Site Recode	SEER Program cancer classification for ICD-O-2. This is only available for confirmed cancers.	.N="Not Applicable" 21041="Colon: Cecum" 21043="Colon: Ascending Colon" 21044="Colon: Hepatic Flexure" 21045="Colon: Transverse Colon" 21046="Colon: Splenic Flexure" 21047="Colon: Descending Colon" 21048="Colon: Sigmoid Colon" 21049="Colon: Large Intestine, NOS" 21051="Rectosigmoid Junction" 21052="Rectum" 21060="Anus, Anal Canal, and Anorectum"
colo_topography	Colon Cancer Topography (ICD-O-2)	DEC1-C.15 DEC2-C.17 DEC3-C.12 ICD-O-2 topography. Valid range is C000 - C809.	"C180"="Cecum" "C182"="Ascending colon" "C183"="Hepatic flexure of colon" "C184"="Transverse colon" "C185"="Splenic flexure of colon" "C186"="Descending colon" "C187"="Sigmoid colon" "C188"="Overlapping lesion of colon" "C189"="Colon, NOS" "C199"="Rectosigmoid junction" "C209"="Rectum, NOS" "C212"="Cloacogenic zone" "C218"="Overlapping lesion of rectum, anus and anal canal"

Section 15: Treatments

Variable	Label	Description	Format Text
primary_trtc	Known Primary Treatment for Colorectal Cancer	What is the initial primary treatment intended to cure the participant of colorectal cancer.	0="No Cancer" 1="Resection Without Chemotherapy" 2="Resection With Chemotherapy" 3="Chemotherapy Without Resection" 4="Has Treatment Form, No Known Treatment With Curative Intent" 10="Treatment Data Could Not Be Collected"
primary_trtc_days	Days Until Primary Treatment for Colorectal Cancer	Days from randomization until the first known primary treatment for colorectal cancer.	Numeric .N="Not Applicable"
curative_chemoc	Had Chemotherapy for Colorectal Cancer	Did the participant have chemotherapy as part of the initial treatment for colorectal cancer?	.F="No Treatment Form" .N="Not Applicable" 0="No" 1="Yes"
curative_radc	Had Radiation Treatment for Colorectal Cancer	Did the participant have radiation treatment as part of the initial treatment for colorectal cancer?	.F="No Treatment Form" .N="Not Applicable" 0="No" 1="Yes"
curative_resectc	Had Resection for Colorectal Cancer	Did the participant have a resection with curative intent as part of the initial treatment for colorectal cancer?	.F="No Treatment Form" .N="Not Applicable" 0="No" 1="Yes"
neoadjuvantc	Had Neoadjuvant Treatment for Colorectal Cancer?	Indicates whether the participant received neoadjuvant treatment before receiving a resection with curative intent.	.N="Not Applicable" 0="No" 1="Yes"

Section 16: Incident Adenoma

Variable	Label	Description	Format Text
iaden_cohort	In incident adenoma cohort	Indicates if a participant is in the incident adenoma cohort. A participant is in the incident adenoma cohort if they had a negative screen at baseline and had either a negative screen at T3/T5 or a positive screen at T3/T5 with a left-sided adenoma found on follow-up to the screen.	.C="Control Arm" 0="Not in Incident Adenoma Cohort" 1="In Incident Adenoma Cohort"
iaden_aden	Has an incident adenoma	Indicates if participants in the incident adenoma cohort had an incident adenoma. A participant is considered to have an incident adenoma if they are in the incident adenoma cohort and had an adenoma found on the left side following a positive T3/T5 screen. Only the first T3/T5 endoscopy and any other endoscopies within 6 months of that one are considered when determining if the participant had an incident adenoma.	.C="Control Arm" .N="Not in Incident Adenoma Cohort" 0="No Adenoma" 1="Has Adenoma"
iaden_aden_days	Days until first incident adenoma was found	Days from randomization until the first incident adenoma was found.	Numeric .C="Control arm" .N="Not in Incident Adenoma Cohort, or Not an Incident Adenoma Case"
iaden_adv	Has an advanced incident adenoma	Did the participant have an advanced incident adenoma? Advanced adenomas include in situ carcinomas, villous adenomas, large (\geq 1 cm) adenomas, and adenomas with dysplasia.	.C="Control Arm" .N="Not in Incident Adenoma Cohort" 0="No Adenoma" 1="Yes, Has an Advanced Incident Adenoma" 2="Has an Adenoma But It Is Not an Advanced Incident Adenoma" 9="Has an Adenoma, But It Is Unknown If It Is an Advanced Incident Adenoma"
iaden_protocol	Study year of second FSG screen (T3 or T5)	The study year in which the participant received their second flexible sigmoidoscopy screen.	.C="Control Arm" .N="Not in Incident Adenoma Cohort" 3="T3" 5="T5"
iaden_dyspw	Worst level of dysplasia among all incident adenomas		.C="Control Arm" .N=" Not in Incident Adenoma Cohort, or Not an Incident Adenoma Case" 0="No Dysplasia" 1="Severe Dysplasia" 2="Moderate Dysplasia" 3="Mild Dysplasia"

Variable	Label	Description	Format Text
iaden_exclusion	Reason for exclusion from the incident adenoma cohort	<p>The reason why a participant was excluded from the incident adenoma cohort.</p> <p>A participant is in the incident adenoma cohort if they had a negative screen at baseline and had either a negative screen at T3/T5 or a positive screen at T3/T5 with a left-sided adenoma found on follow-up to the screen.</p>	0="Not Excluded" 1="Control Arm" 2="No T0 Screen" 3="Positive T0 Screen" 4="Inadequate T0 Screen" 5="No T3/T5 Screen" 6="Inadequate T3/T5 Screen" 7="Positive T3/T5 Screen with No Follow-up" 8="Positive T3/T5 Screen with No Adenoma"

Section 17: Pathology Images

Variable	Label	Description	Format Text
adenoma_has_deliv_heslide_img	Has a Deliverable Adenoma H&E Slide Image	Has a deliverable Adenoma H&E Slide image? Not all were deliverable due to duplicates or no consent.	.N="Not Applicable" 1="Yes"
colo_has_deliv_heslide_img	Has a Deliverable Colorectal H&E Slide Image	Has a deliverable Colorectal H&E Slide image? Not all were deliverable due to duplicates or no consent.	.N="Not Applicable" 1="Yes"
adenoma_num_heslide_imgs	Number of Adenoma H&E Slide Images	Number of deliverable adenoma H&E Slide images participant has.	Numeric .N="Not Applicable"
colo_num_heslide_imgs	Number of Colorectal H&E Slide Images	Number of deliverable Colorectal H&E Slide images participant has.	Numeric .N="Not Applicable"

Section 18: Mortality Status

Variable	Label	Description	Format Text
is_dead	Dead?	Is the participant confirmed dead?	0="Not Confirmed Dead" 1="Dead"
is_dead_with_cod	Dead With Known Cause?	Is the participant confirmed dead with known cause of death?	0="Not Confirmed Dead" 1="Dead"
dth_days	Days Until Death	Days from randomization until date of death.	Numeric .N="Not applicable"

Section 19: Death Certificate Cause of Death

Variable	Label	Description	Format Text
d_cause_of_death	Cause of Death from Death Certificate	<p>Categorized underlying cause of death.</p> <p>This is a grouping of ICD-9 codes for underlying causes of death from the death certificate. If the cause of death is from cancer, the grouping is based on the PLCO trial cancers of interest.</p>	<p>.F="No Form" .N="Not applicable" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian, Peritoneal, and Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 26="Other Neoplasm" 100="Ischemic Heart Disease" 101="Cerebrovascular Accident" 102="Other Circulatory Disease" 103="Respiratory Illness" 104="Digestive Disease" 105="Infectious Disease" 106="Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders" 107="Diseases of the Nervous System" 108="Accident"</p> <p>[continued...]</p>

Variable	Label	Description	Format Text
[...continued]			[...continued]
d_cause_of_death			109="Other" 200="Covid death"
d_seer_death	Underlying Cause of Death	Underlying cause of death. This is a grouping of ICD-9 codes for underlying causes of death from the death certificate. This grouping is based on the SEER cause of death recode format, with some modifications.	.F="No Form" .N="Not Applicable" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian" 5="Peritoneal" 6="Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 21030="Small Intestine" 21042="Colon: Appendix" 21049="Colon: Large Intestine, NOS" 21060="Anus, Anal Canal, and Anorectum" 21110="Retroperitoneum" 21120="Peritoneum, Omentum and Mesentary" 21130="Other Digestive Organs" 22050="Pleura" 22060="Trachea, Mediastinum and Other Resp Organs" 23000="Bones and Joints" 24000="Soft Tissue including Heart" 25020="Other Non-Epithelial Skin" 27010="Cervix Uteri" 27050="Vagina" [continued...]

Variable	Label	Description	Format Text
<p>[...continued]</p> <p>d_seer_death</p>			<p>[...continued]</p> <p>27060="Vulva"</p> <p>27070="Other Female Genital Organs"</p> <p>28020="Testis"</p> <p>28030="Penis"</p> <p>28040="Other Male Genital Organs"</p> <p>29030="Ureter"</p> <p>29040="Other Urinary Organs"</p> <p>30000="Eye and Orbit"</p> <p>32020="Other Endocrine including Thymus"</p> <p>37000="Miscellaneous"</p> <p>38000="In situ, benign or unknown behavior neoplasm"</p> <p>50030="Septicemia"</p> <p>50040="Other Infectious and Parasitic Diseases"</p> <p>50050="Diabetes Mellitus"</p> <p>50051="Alzheimers"</p> <p>50060="Diseases of Heart"</p> <p>50070="Hypertension without Heart Disease"</p> <p>50080="Cerebrovascular Diseases"</p> <p>50090="Atherosclerosis"</p> <p>50100="Aortic Aneurysm and Dissection"</p> <p>50110="Other Diseases of Arteries, Arterioles, Capillaries"</p> <p>50120="Pneumonia and Influenza"</p> <p>50130="Chronic Obstructive Pulmonary Disease and Allied Cond."</p> <p>50140="Stomach and Duodenal Ulcers"</p> <p>50150="Chronic Liver Disease and Cirrhosis"</p> <p>50160="Nephritis, Nephrotic Syndrome and Nephrosis"</p> <p>[continued...]</p>

Variable	Label	Description	Format Text
<p>[...continued]</p> <p>d_seer_death</p>			<p>[...continued]</p> <p>50180="Congenital Anomalies"</p> <p>50200="Symptoms, Signs and Ill-Defined Conditions"</p> <p>50300="Other death"</p> <p>60000="Unnatural Death"</p> <p>60001="All other endocrine and metabolic diseases and immunity disorders"</p> <p>60002="All other diseases of blood and blood-forming organs"</p> <p>60003="Senile and presenile organic psychotic conditions"</p> <p>60004="All other psychoses"</p> <p>60005="Parkinson's disease"</p> <p>60006="Other hereditary and degenerative diseases of the central nervous system"</p> <p>60007="Other diseases of the nervous system"</p> <p>60008="Pneumoconioses and other lung diseases due to external agents"</p> <p>60009="All other diseases of respiratory system"</p> <p>60010="All other noninfective gastroenteritis and colitis"</p> <p>60011="All other diseases of digestive system"</p> <p>60012="All other diseases of urinary system"</p> <p>70000="Covid death"</p>

Variable	Label	Description	Format Text
d_seercat_death	SEER Cause of Death	A translation of ICD9 codes for underlying cause of death into our seercat format, which uses categories determined by SEER.	.F="No Form" .N="Not Dead" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian" 5="Peritoneal" 6="Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 112="Digestive System" 113="Respiratory System" 114="Bones and Joints" 115="Soft Tissue including Heart" 116="Skin excluding Basal and Squamous" 118="Female Genital System" 119="Male Genital System" 120="Urinary System" 121="Eye and Orbit" 123="Endocrine System" 129="Miscellaneous" 131="In situ, benign or unknown behavior neoplasm" 135="Septicemia" 136="Other Infectious and Parasitic Diseases" 137="Diabetes Mellitus" [continued...]

Variable	Label	Description	Format Text
[...continued] d_seercat_death			[...continued] 138="Alzheimers" 139="Diseases of Heart" 140="Hypertension without Heart Disease" 141="Cerebrovascular Diseases" 142="Atherosclerosis" 143="Aortic Aneurysm and Dissection" 144="Other Diseases of Arteries, Arterioles, Capillaries" 145="Pneumonia and Influenza" 146="Chronic Obstructive Pulmonary Disease and Allied Cond." 147="Stomach and Duodenal Ulcers" 148="Chronic Liver Disease and Cirrhosis" 149="Nephritis, Nephrotic Syndrome and Nephrosis" 151="Congenital Anomalies" 153="Symptoms, Signs and Ill-Defined Conditions" 180="Covid death" 199="Other death" 200="Unnatural death"
d_cancersite	Death Certificate Cause of Death (From Cancer)	Underlying cause of death from cancer. This is a grouping of ICD-9 codes from the death certificate underlying cause of death. This grouping is based on the PLCO trial cancers of interest.	.F="No Form" .N="Not Dead" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian, Peritoneal, and Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 99="Other Cancer" 999="Not Cancer"
d_dthc	Is Colorectal Cancer The Underlying Cause Of Death?	Is colorectal cancer the underlying cause of death? This conclusion is based on the information from the death certificate.	0="No" 1="Yes"

Section 20: Final Cause of Death

Variable	Label	Description	Format Text
f_cause_of_death	Cause of Death	<p>Categorized underlying cause of death.</p> <p>This is a grouping of ICD-9 codes for underlying causes of death from the death certificate and death review. If the cause of death is from cancer, the grouping is based on the PLCO trial cancers of interest.</p>	<p>.F="No Form" .M="Missing" .N="Not applicable" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian, Peritoneal, and Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 26="Other Neoplasm" 100="Ischemic Heart Disease" 101="Cerebrovascular Accident" 102="Other Circulatory Disease" 103="Respiratory Illness" 104="Digestive Disease" 105="Infectious Disease" 106="Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders" 107="Diseases of the Nervous System"</p> <p>[continued...]</p>

Variable	Label	Description	Format Text
[...continued] f_cause_of_death			[...continued] 108="Accident" 109="Other" 200="Covid death"
f_seer_death	Final Underlying Cause of Death	Underlying cause of death. This is a grouping of ICD-9 codes for underlying causes of death from the death certificate and death review. This grouping is based on the SEER cause of death recode format, with some modifications.	.F="No Form" .M="Missing" .N="Not Applicable" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian" 5="Peritoneal" 6="Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 21030="Small Intestine" 21042="Colon: Appendix" 21049="Colon: Large Intestine, NOS" 21060="Anus, Anal Canal, and Anorectum" 21110="Retroperitoneum" 21120="Peritoneum, Omentum and Mesentary" 21130="Other Digestive Organs" 22050="Pleura" 22060="Trachea, Mediastinum and Other Resp Organs" 23000="Bones and Joints" 24000="Soft Tissue including Heart" 25020="Other Non-Epithelial Skin" 27010="Cervix Uteri" [continued...]

Variable	Label	Description	Format Text
<p data-bbox="94 321 245 348">[...continued]</p> <p data-bbox="94 375 245 403">f_seer_death</p>			<p data-bbox="1161 321 1300 348">[...continued]</p> <p data-bbox="1161 375 1333 403">27050="Vagina"</p> <p data-bbox="1161 405 1317 432">27060="Vulva"</p> <p data-bbox="1161 434 1479 485">27070="Other Female Genital Organs"</p> <p data-bbox="1161 487 1317 514">28020="Testis"</p> <p data-bbox="1161 516 1317 543">28030="Penis"</p> <p data-bbox="1161 546 1446 596">28040="Other Male Genital Organs"</p> <p data-bbox="1161 598 1317 625">29030="Ureter"</p> <p data-bbox="1161 627 1479 655">29040="Other Urinary Organs"</p> <p data-bbox="1161 657 1398 684">30000="Eye and Orbit"</p> <p data-bbox="1161 686 1528 737">32020="Other Endocrine including Thymus"</p> <p data-bbox="1161 739 1398 766">37000="Miscellaneous"</p> <p data-bbox="1161 768 1463 819">38000="In situ, benign or unknown behavior neoplasm"</p> <p data-bbox="1161 821 1365 848">50030="Septicemia"</p> <p data-bbox="1161 850 1463 900">50040="Other Infectious and Parasitic Diseases"</p> <p data-bbox="1161 903 1430 930">50050="Diabetes Mellitus"</p> <p data-bbox="1161 932 1365 959">50051="Alzheimers"</p> <p data-bbox="1161 961 1446 989">50060="Diseases of Heart"</p> <p data-bbox="1161 991 1463 1041">50070="Hypertension without Heart Disease"</p> <p data-bbox="1161 1043 1414 1094">50080="Cerebrovascular Diseases"</p> <p data-bbox="1161 1096 1414 1123">50090="Atherosclerosis"</p> <p data-bbox="1161 1125 1463 1176">50100="Aortic Aneurysm and Dissection"</p> <p data-bbox="1161 1178 1479 1228">50110="Other Diseases of Arteries, Arterioles, Capillaries"</p> <p data-bbox="1161 1230 1414 1281">50120="Pneumonia and Influenza"</p> <p data-bbox="1161 1283 1479 1362">50130="Chronic Obstructive Pulmonary Disease and Allied Cond."</p> <p data-bbox="1161 1365 1495 1415">50140="Stomach and Duodenal Ulcers"</p> <p data-bbox="1161 1417 1479 1470">50150="Chronic Liver Disease and Cirrhosis"</p> <p data-bbox="1161 1472 1446 1499">50160="Nephritis, Nephrotic</p> <p data-bbox="1161 1526 1300 1554">[continued...]</p>

Variable	Label	Description	Format Text
<p>[...continued]</p> <p>f_seer_death</p>			<p>[...continued]</p> <p>Syndrome and Nephrosis"</p> <p>50180="Congenital Anomalies"</p> <p>50200="Symptoms, Signs and Ill-Defined Conditions"</p> <p>50300="Other death"</p> <p>60000="Unnatural Death"</p> <p>60001="All other endocrine and metabolic diseases and immunity disorders"</p> <p>60002="All other diseases of blood and blood-forming organs"</p> <p>60003="Senile and presenile organic psychotic conditions"</p> <p>60004="All other psychoses"</p> <p>60005="Parkinson's disease"</p> <p>60006="Other hereditary and degenerative diseases of the central nervous system"</p> <p>60007="Other diseases of the nervous system"</p> <p>60008="Pneumoconioses and other lung diseases due to external agents"</p> <p>60009="All other diseases of respiratory system"</p> <p>60010="All other noninfective gastroenteritis and colitis"</p> <p>60011="All other diseases of digestive system"</p> <p>60012="All other diseases of urinary system"</p> <p>70000="Covid death"</p>

Variable	Label	Description	Format Text
f_seercat_death	SEER Cause of Death	A translation of ICD9 codes for underlying cause of death into our seercat format, which uses categories determined by SEER.	.F="No Form" .M="Missing" .N="Not Dead" 1="Prostate" 2="Lung" 3="Colorectal" 4="Ovarian" 5="Peritoneal" 6="Fallopian Tube" 11="Pancreas" 12="Melanoma of the Skin" 13="Bladder" 14="Breast" 15="Hematopoietic" 16="Endometrial" 17="Glioma" 18="Renal" 19="Thyroid" 20="Head and Neck" 21="Liver" 23="Upper-Gastrointestinal" 24="Biliary" 25="Male Breast" 112="Digestive System" 113="Respiratory System" 114="Bones and Joints" 115="Soft Tissue including Heart" 116="Skin excluding Basal and Squamous" 118="Female Genital System" 119="Male Genital System" 120="Urinary System" 121="Eye and Orbit" 123="Endocrine System" 129="Miscellaneous" 131="In situ, benign or unknown behavior neoplasm" 135="Septicemia" 136="Other Infectious and Parasitic Diseases" [continued...]

Variable	Label	Description	Format Text
<p>[...continued]</p> <p>f_seercat_death</p>			<p>[...continued]</p> <p>137="Diabetes Mellitus"</p> <p>138="Alzheimers"</p> <p>139="Diseases of Heart"</p> <p>140="Hypertension without Heart Disease"</p> <p>141="Cerebrovascular Diseases"</p> <p>142="Atherosclerosis"</p> <p>143="Aortic Aneurysm and Dissection"</p> <p>144="Other Diseases of Arteries, Arterioles, Capillaries"</p> <p>145="Pneumonia and Influenza"</p> <p>146="Chronic Obstructive Pulmonary Disease and Allied Cond."</p> <p>147="Stomach and Duodenal Ulcers"</p> <p>148="Chronic Liver Disease and Cirrhosis"</p> <p>149="Nephritis, Nephrotic Syndrome and Nephrosis"</p> <p>151="Congenital Anomalies"</p> <p>153="Symptoms, Signs and Ill-Defined Conditions"</p> <p>180="Covid death"</p> <p>199="Other death"</p> <p>200="Unnatural death"</p>
f_cancersite	Cause of Death (From Cancer)	<p>Underlying cause of death from cancer.</p> <p>This is a grouping of ICD-9 codes for underlying causes of death from the death certificate and death review. This grouping is based on the PLCO trial cancers of interest.</p>	<p>.F="No Form"</p> <p>.M="Missing"</p> <p>.N="Not Dead"</p> <p>1="Prostate"</p> <p>2="Lung"</p> <p>3="Colorectal"</p> <p>4="Ovarian, Peritoneal, and Fallopian Tube"</p> <p>11="Pancreas"</p> <p>12="Melanoma of the Skin"</p> <p>13="Bladder"</p> <p>14="Breast"</p> <p>15="Hematopoietic"</p> <p>16="Endometrial"</p> <p>17="Glioma"</p> <p>18="Renal"</p> <p>19="Thyroid"</p> <p>20="Head and Neck"</p> <p>21="Liver"</p> <p>23="Upper-Gastrointestinal"</p> <p>24="Biliary"</p> <p>25="Male Breast"</p> <p>99="Other Cancer"</p> <p>999="Not Cancer"</p>
f_dthc	Is Colorectal Cancer The Underlying Cause Of Death?	Is colorectal cancer the underlying cause of death? This conclusion is based on the information from the death certificate and death review.	<p>0="No"</p> <p>1="Yes"</p>

Section 21: BQ Compliance

Variable	Label	Description	Format Text
bq_returned	Did the Participant Return the BQ?		0="No" 1="Yes"
bq_age	Age at BQ	Calculated from date of baseline questionnaire completion and date of birth.	Numeric .F="No Form"
bq_compdays	Days Until BQ Completion	Question M48, F63 - "What is the date you completed this questionnaire?" The number of days between BQ completion and randomization.	Numeric .F="No Form"
bq_adminm	Method of Questionnaire Administration	Part of the section, For Office Use Only, headed "Method of Administration".	.F="No Form" .M="Not Answered" 1="Self" 2="Self With Assistance" 3="In-Person Interview By SC Staff" 4="In-Person Interview By Other" 5="Telephone"

Section 22: BQ Demographics

Variable	Label	Description	Format Text
race7	Race	<p>BQ Form Versions 1 and 2: Question 2 - "Which of these best describes your race or ethnic background?"</p> <p>BQ Form Version 3: Question 2 - "Which of these groups best describes you?"</p> <p>Question 2a - "Are you of Hispanic origin?"</p> <p>Participants can only be considered white or black when they are not Hispanic. If the participant is white or black and Hispanic, then they are considered Hispanic. If the participant is Asian, Pacific Islander, or American Indian then they are considered that race.</p>	1="White, Non-Hispanic" 2="Black, Non-Hispanic" 3="Hispanic" 4="Asian" 5="Pacific Islander" 6="American Indian" 7="Missing"
hispanic_f	Are You Of Hispanic Origin?	<p>BQ Form Versions 1 and 2: Question 2.</p> <p>BQ Form Version 3: Question 2a.</p> <p>What is your race or ethnicity?</p>	.F="No Form" .M="Not Answered" 0="Not Hispanic" 1="Hispanic"
educat	Education	<p>Question 3 - "What is the highest grade or level of schooling you completed?"</p>	.F="No Form" .M="Not Answered" 1="Less Than 8 Years" 2="8-11 Years" 3="12 Years Or Completed High School" 4="Post High School Training Other Than College" 5="Some College" 6="College Graduate" 7="Postgraduate"
marital	Marital Status	<p>Question 4 - "What is your current marital status?"</p>	.F="No Form" .M="Not Answered" 1="Married Or Living As Married" 2="Widowed" 3="Divorced" 4="Separated" 5="Never Married"
occupat	Occupation	<p>Question 5 - "Which of these categories best describes your current working situation?"</p>	.F="No Form" .M="Not Answered" 1="Homemaker" 2="Working" 3="Unemployed" 4="Retired" 5="Extended Sick Leave" 6="Disabled" 7="Other"

Section 23: BQ Smoking

Variable	Label	Description	Format Text
cig_stat	Cigarette Smoking Status	Participant's current cigarette smoking status.	.A="Ambiguous" .F="No Form" .M="Not Answered" 0="Never Smoked Cigarettes" 1="Current Cigarette Smoker" 2="Former Cigarette Smoker"
cig_stop	# of Years Since Stopped Smoking Cigarettes	The number of years passed since the participant has stopped smoking.	Numeric .F="No Form" .M="Not Answered" .N="Not Applicable" 0.5="Six Months"
cig_years	Duration Smoked Cigarettes	The total number of years the participant smoked.	Numeric .F="No Form" .M="Not Answered" 0.5="Six Months"
cigpd_f	# of Cigarettes Smoked Per Day	Question 14 - "During periods when you smoked, how many cigarettes did or do you usually smoke per day?"	.F="No Form" .M="Not Answered" 0="0" 1="1-10" 2="11-20" 3="21-30" 4="31-40" 5="41-60" 6="61-80" 7="81+"
pack_years	Pack Years	Number of packs smoked per day * years smoked.	Numeric .F="No Form" .M="Missing"
cigar	Ever Smoked Cigars?	Question 17 - "Do you now or did you ever smoke cigars regularly for a year or longer?"	.F="No Form" .M="Not Answered" 0="Never" 1="Current Cigar Smoker" 2="Former Cigar Smoker"
filtered_f	Usually Filtered or Non-Filtered?	Question 15 - "During periods when you smoked, did or do you more often smoke filter or non-filter cigarettes?"	.F="No Form" .M="Not Answered" .N="Not Applicable" 1="Filter" 2="Non-Filter" 3="About Equal"
pipe	Ever Smoked a Pipe?	Question 16 - "Do you now or did you ever smoke a pipe regularly for a year or longer?"	.F="No Form" .M="Not Answered" 0="Never" 1="Current Pipe Smoker" 2="Former Pipe Smoker"
rsmoker_f	Smoke Regularly Now?	Question 12 - "Do you smoke cigarettes regularly now?"	.F="No Form" .M="Not Answered" .N="Not Applicable" 0="No" 1="Yes"

Variable	Label	Description	Format Text
smokea_f	Age Started Smoking	Question 11 - "At what age did you start smoking cigarettes regularly?"	Numeric .F="No Form" .M="Not Answered Or Inconsistent Data" .N="Not Applicable" .R="Age not in reasonable range."
smoked_f	Ever Smoke Regularly >= 6 Months?	Question 10 - "Have you ever smoked cigarettes regularly for six months or longer?"	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
ssmokea_f	Age Stopped Smoking	Question 13 - "At what age did you last stop smoking cigarettes regularly?"	Numeric .F="No Form" .M="Not Answered Or Inconsistent Data" .N="Not Applicable" .R="Age not in reasonable range."

Section 24: BQ Family History

Variable	Label	Description	Format Text
fh_cancer	Has Family History of Any Cancer?	Any first-degree relative with cancer. Basal cell skin cancers are not included. First-degree relatives include parents, full-siblings, and children. Half-siblings are not included.	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
colo_fh	Family History of Colorectal Cancer	Colorectal cancer family history in first-degree relatives. Includes parents, full-siblings, and children.	.F="No Form" .M="Missing" 0="No" 1="Yes, Immediate Family Member" 9="Possibly - Relative Or Cancer Type Not Clear"
colo_fh_age	Age of Youngest Relative with Colorectal Cancer	Diagnosis age of the youngest first-degree relative diagnosed with colorectal cancer.	Numeric .A="Ambiguous" .F="No Form" .M="Missing" .N="Not Applicable"
colo_fh_cnt	# of Relatives with Colorectal Cancer	The number of first-degree relatives with colorectal cancer.	Numeric .F="No Form" .M="Missing"
brothers	# of Brothers	Question 19 - "How many full and half-brothers do you have, both living and deceased?" Participants who have more than seven brothers are collapsed into "7 or more."	.F="No Form" .M="Not Answered" 0="None" 1="One" 2="Two" 3="Three" 4="Four" 5="Five" 6="Six" 7="Seven Or More"
sisters	# of Sisters	Question 18 - "How many full and half-sisters do you have, both living and deceased?" Participants with more than seven sisters are collapsed into "7 or more".	.F="No Form" .M="Not Answered" 0="None" 1="One" 2="Two" 3="Three" 4="Four" 5="Five" 6="Six" 7="Seven Or More"

Section 25: BQ Body Type

Variable	Label	Description	Format Text
bmi_curc	BMI at Baseline	This is the World Health Organization (WHO) standard categorization of BMI. BMI is considered out of range if any of the following occur: <ul style="list-style-type: none"> - Weight is less than 60 pounds - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15 	.F="No Form" .M="Not Answered" .R="Height Or Weight Not In Reasonable Range" 1="0-18.5" 2="18.5-25" 3="25-30" 4="30+"
bmi_curr	BMI at Baseline	BMI is considered out of range if any of the following occur: <ul style="list-style-type: none"> - Weight is less than 60 pounds - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15 	Numeric .F="No Form" .M="Not Answered" .R="Height Or Weight Not In Reasonable Range"
height_f	Height (inches)	Question 23 - "How tall are you?" Height is considered out of range if any of the following occur: <ul style="list-style-type: none"> - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15 	Numeric .F="No Form" .M="Missing" .R="Height Out Of Range"
weight_f	Weight (lbs) at Baseline	Question 22 - "What is or was your weight at these ages?" Weights less than 60 pounds are out of range.	Numeric .F="No Form" .M="Missing" .R="Weight Out Of Range"
bmi_20	BMI at Age 20	BMI is considered out of range if any of the following occur: <ul style="list-style-type: none"> - Weight is less than 60 pounds - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15 	Numeric .F="No Form" .M="Not Answered" .R="Height Or Weight Not In Reasonable Range"

Variable	Label	Description	Format Text
bmi_20c	BMI at Age 20	This is the World Health Organization (WHO) standard categorization of BMI. BMI is considered out of range if any of the following occur: - Weight is less than 60 pounds - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15	.F="No Form" .M="Not Answered" .R="Height Or Weight Not In Reasonable Range" 1="0-18.5" 2="18.5-25" 3="25-30" 4="30+"
weight20_f	Weight at Age 20 (lbs)	Question 22 - "What is or was your weight at these ages?" Weights less than 60 pounds are out of range.	Numeric .F="No Form" .M="Missing" .R="Weight Out Of Range"
bmi_50	BMI at Age 50	BMI is considered out of range if any of the following occur: - Weight is less than 60 pounds - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15	Numeric .F="No Form" .M="Not Answered" .R="Height Or Weight Not In Reasonable Range"
bmi_50c	BMI at Age 50	This is the World Health Organization (WHO) standard categorization of BMI. BMI is considered out of range if any of the following occur: - Weight is less than 60 pounds - Height is less than 48 inches - Height is greater than 78 inches for females - Height is greater than 84 inches for males - After BMI is calculated, BMI is less than 15	.F="No Form" .M="Not Answered" .R="Height Or Weight Not In Reasonable Range" 1="0-18.5" 2="18.5-25" 3="25-30" 4="30+"
weight50_f	Weight at Age 50 (lbs)	Question 22 - "What is or was your weight at these ages?" Weights less than 60 pounds are out of range.	Numeric .F="No Form" .M="Missing" .R="Weight Out Of Range"

Section 26: BQ NSAIDS

Variable	Label	Description	Format Text
asp	Use Aspirin Regularly?	Question 24 - "During the last 12 months, have you regularly used aspirin or aspirin-containing products, such as Bayer, Bufferin or Anacin? (Please do not include aspirin-free products such as Tylenol and Panadol.)"	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
asppd	# of Aspirin	Question 25 - "During the last 12 months, how many pills of aspirin or aspirin containing products did you usually take per day, per week or per month?"	.F="No Form" .M="Not Answered" 0="None" 1="1/Day" 2="2+/Day" 3="1/Week" 4="2/Week" 5="3-4/Week" 6="<2/Month" 7="2-3/Month"
ibup	Use Ibuprofen Regularly?	Question 26 - "During the last 12 months, have you regularly used ibuprofen-containing products, such as Advil, Nuprin, or Motrin?"	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
ibuppd	# of Ibuprofen	Question 27 - "During the last 12 months, how many pills of ibuprofen-containing products did you usually take per day, per week, or per month?"	.F="No Form" .M="Not Answered" 0="None" 1="1/Day" 2="2+/Day" 3="1/Week" 4="2/Week" 5="3-4/Week" 6="<2/Month" 7="2-3/Month"

Section 27: BQ Diseases

Variable	Label	Description	Format Text
arthrit_f	Arthritis	Did the participant ever have arthritis?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
bronchit_f	Bronchitis	Did the participant ever have chronic bronchitis?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
colon_comorbidity	Colon Comorbidities	Did the participant ever have a colon related co-morbidity (ulcerative colitis, Crohn's disease, Gardner's syndrome, or familial polyposis)?	.F="No Form" .M="Missing" 0="No" 1="Yes"
diabetes_f	Diabetes	Did the participant ever have diabetes?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
divertic_f	Diverticulitis/Diverticulosis	Did the participant ever have diverticulitis or diverticulosis?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
emphys_f	Emphysema	Did the participant ever have emphysema?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
gallblad_f	Gallbladder Stones or Inflammation	Did the participant ever have gall bladder stones or inflammation?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
hearta_f	Heart Attack	Did the participant ever have coronary heart disease or a heart attack?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
hyperten_f	Hypertension	Did the participant ever have high blood pressure?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
liver_comorbidity	Liver Comorbidities	Did the participant ever have a liver related co-morbidity (hepatitis or cirrhosis)?	.F="No Form" .M="Missing" 0="No" 1="Yes"
osteopor_f	Osteoporosis	Did the participant ever have osteoporosis?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
polyps_f	Colorectal Polyps	Did the participant ever have colorectal polyps?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"

Variable	Label	Description	Format Text
stroke_f	Stroke	Did the participant have a stroke?	.F="No Form" .M="Not Answered" 0="No" 1="Yes"

Section 28: BQ Female Specific

Variable	Label	Description	Format Text
hyster_f	Ever Have a Hysterectomy?	Question F47 - "Have you had a hysterectomy, that is, have you had your uterus or womb removed?" Participants modified to "yes" if an age of hysterectomy is given in question F48	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes" 2="Don't Know"
hystera	Age at Hysterectomy	Question F48 - "What was your age when you had your uterus or womb removed?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<40" 2="40-44" 3="45-49" 4="50-54" 5="55+"
ovariesr_f	Removed Ovaries	Question F49 - "Have you ever had one or both of your ovaries removed?" Question F50 - "What exactly was removed?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="Ovaries Not Removed" 1="One Ovary - Partial" 2="One Ovary - Total" 3="Both Ovaries - Partial" 4="Both Ovaries - Total" 5="Don't Know" 8="Ambiguous"
tuballig	Ever Tubes Tied?	Question F46 - "Have you had a tubal ligation, that is have you had your tubes tied?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes" 2="Don't Know"
bcontr_f	Ever Take Birth Control Pills?	Question F43 - "Did you ever take birth control pills for birth control or to regulate menstrual periods?". Participant's answer modified to "yes" if they specified both an age they started taking birth control pills and a total number of years they took them.	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
bcontra	Age Started Birth Control Pills?	Question F44 - "How old were you when you first started taking birth control pills?" Participants who were "50-59" or "60+" when they started birth control pills were collapsed into a "50+" category.	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<30" 2="30-39" 3="40-49" 4="50+"

Variable	Label	Description	Format Text
bcontrt	Total Years Took Birth Control Pills?	Question F45 - "For how many total years did you take birth control pills?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="Not Applicable" 1="10+ Years" 2="6-9 Years" 3="4-5 Years" 4="2-3 Years" 5="1 Year or Less"
curhorm	Currently Using Female Hormones?	Question F52 - "Are you currently using female hormones?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
horm_f	Ever Take Female Hormones?	Question F51 - "Sometimes women take female hormones such as estrogen or progesterone around the time of menopause. Have you ever used female hormones (tablets, pills, or creams) for menopause?" Participant's answers modified to "yes" if they had said "no" but gave an answer for whether they are currently using female hormones and said they used them for greater than 1 year.	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes" 2="Don't Know"
horm_stat	Female Hormone Status	Female hormone status uses ever taken female hormones and currently on hormones to determine the participant's hormone status.	.F="No Form" .G="Wrong Gender" .M="Missing" 0="Never" 1="Current" 2="Former" 3="Unknown Whether Current Or Former" 4="Doesn't Know If She Ever Took HRT"
thorm	# of Years Taking Female Hormones	Question F53 - "For how many total years did you take female hormones?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="Not Applicable" 1="10+ Years" 2="6-9 Years" 3="4-5 Years" 4="2-3 Years" 5="<= 1 Year"
fchilda	Age at Birth of First Child?	Question F42 - "What was your age at the birth of your first child?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<16" 2="16-19" 3="20-24" 4="25-29" 5="30-34" 6="35-39" 7="40+"

Variable	Label	Description	Format Text
livec	# of Live Births	Question F41 - "How many of your pregnancies resulted in a live birth?" Allowed values are 0-29. Participants with more than five pregnancies are collapsed to "five or more".	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="Zero" 1="One" 2="Two" 3="Three" 4="Four" 5="Five Or More"
miscar	# of Miscarriages/Abortions	Question F39 - "How many of your pregnancies resulted in miscarriage or an abortion?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="0" 1="1" 2="2+"
preg_f	Ever Been Pregnant?	Question F35 - "Have you ever been pregnant?" Participant's answer is modified to be "yes" if the participant answers on age of first pregnancy, number of pregnancies, number of still birth pregnancies, number of miscarriages, number of tubal pregnancies, age at birth of first child, or the number of live births implied pregnancy.	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes" 2="Don't Know"
prega	Age When First Became Pregnant?	Question F36 - "How old were you when you first became pregnant?" Participants who were "40-44" or "45+" when they first became pregnant were collapsed into "40+".	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<15" 2="15-19" 3="20-24" 4="25-29" 5="30-34" 6="35-39" 7="40+"
pregc	# of Pregnancies	Question F37 - "How many times have you been pregnant? Please include stillbirths, miscarriages, abortions, tubal or ectopic pregnancies, and live births."	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="None" 1="1" 2="2" 3="3-4" 4="5-9" 5="10+"
stillb	# of Still Birth Pregnancies	Question F38 - "How many of your pregnancies resulted in a stillbirth?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="0" 1="1" 2="2+"
trypreg	Ever Tried to Become Pregnant for a Year or More Without Success?	Question F34 - "Have you ever tried to become pregnant for a year or more without success?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"

Variable	Label	Description	Format Text
tubal	# of Tubal/Ectopic Pregnancies?	Question F40 - "How many of your pregnancies resulted in a pregnancy in one of your tubes, that is, a tubal or ectopic pregnancy?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="0" 1="1" 2="2+"
fmenstr	Age When Had First Menstrual Period?	Question F31 - "How old were you when you had your first menstrual period?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 1="<10" 2="10-11" 3="12-13" 4="14-15" 5="16+"
lmenstr	Age at Menopause	Question F32 - "How old were you when you had your last period?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 1="<40" 2="40-44" 3="45-49" 4="50-54" 5="55+"
menstrs	Type of Menopause	Question F33 - "Did your periods stop because of natural menopause, surgery, radiation, or drug therapy?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 1="Natural Menopause" 2="Surgery" 3="Radiation" 4="Drug Therapy"
menstrs_stat_type	Reason menstrual periods stopped.	Reason the participant's menstrual periods stopped. Because minimal information was gathered about menopause, the menopause information is supplemented with hysterectomy and oophorectomy information.	.F="No Form" .G="Wrong Gender" 1="Natural postmenopausal" 2="Bilateral oophorectomy" 3="Hysterectomy, no bilateral oophorectomy" 4="Surgical, details unclear" 5="Drug therapy" 6="Radiation" 7="Postmenopausal, reason unknown" 8="Menopausal status unknown"
post_menopausal	Post-Menopausal Status	Was the participant post-menopausal at trial entry. This question was not asked directly on the BQ, therefore information on menopause has been supplemented with hysterectomy and oophorectomy information.	.F="No form" .G="Wrong gender" 1="Definitely post-menopausal" 2="Possibly post-menopausal"
bbd	Ever Have Benign or Fibrocystic Breast Disease?	Question F54 - "Have you ever been told by a doctor that you had any of the following conditions?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
benign_ovcyst	Ever Have Benign Ovarian Tumor/Cyst?	Question F54 - "Have you ever been told by a doctor that you had any of the following conditions?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"

Variable	Label	Description	Format Text
endometriosis	Ever Have Endometriosis?	Question F54 - "Have you ever been told by a doctor that you had any of the following conditions?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
uterine_fib	Ever Have Uterine Fibroid Tumors?	Question F54 - "Have you ever been told by a doctor that you had any of the following conditions?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"

Section 29: BQ Male Specific

Variable	Label	Description	Format Text
enlpros_f	Ever Have Enlarged Prostate or BPH?	Question M34 - "Has a doctor ever told you that you had an enlarged prostate or benign prostatic hypertrophy (BPH)?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
enlprosa	How Old When Told Had Enlarged Prostate or BPH?	Question M35 - "How old were you when a doctor first told you that you had this problem?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<30" 2="30-39" 3="40-49" 4="50-59" 5="60-69" 6="70+"
infpros_f	Ever Have Inflamed Prostate?	Question M36 - "Has a doctor ever told you that you had an inflamed prostate or prostatitis?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
infprosa	How Old When Told Had Inflamed Prostate?	Question M37 - "How old were you when a doctor first told you that you had this problem?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<30" 2="30-39" 3="40-49" 4="50-59" 5="60-69" 6="70+"
prosprob_f	Have Problem with Prostate?	Did the participant ever have a problem with their prostate?	.F="No Form" .G="Wrong Gender" .M="Missing" 0="No" 1="Yes"
urinate_f	During The Past Year, How Many Times Did You Wake Up At Night To Urinate?	Participants who indicate they "never" wake up more than once or failed to answer the question and provided an age when urinating more than once a night started regularly are placed into "not never."	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="Never" 1="Once" 2="Twice" 3="Three Times" 4="More Than 3 Times" 5="Not Never"

Variable	Label	Description	Format Text
urinatea	Age At Which Began Waking Up To Urinate More Than Once At Night	Question M32 - "How old were you when you first began waking up to urinate more than once a night on a regular basis?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<30" 2="30-39" 3="40-49" 4="50-59" 5="60-69" 6="70+"

Section 30: BQ Prostate Surgery

Variable	Label	Description	Format Text
surg_age	Age at First Prostate Surgery	<p>Question M39 - "How old were you when you had a surgical procedure of the prostate the first time?"</p> <p>Participants who were "<30" or "30-39" when they had their first prostate surgery were collapsed into a "<40" category.</p>	<p>.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<40" 2="40-49" 3="50-59" 4="60-69" 5="70+"</p>
surg_any	Ever Have Any Prostate Surgeries?	<p>Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"</p> <p>Has the participant had at least one of the following prostate surgeries:</p> <ol style="list-style-type: none"> 1. Prostatectomy for benign disease. 2. Transurethral resection of the prostate or TURP. 3. Biopsy of the prostate. 4. Prostate surgery, but the type is unknown. 5. The participant provided the age of the first prostate surgery and did not answer they don't know if they had any surgery. 	<p>.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes" 2="Don't Know"</p>
surg_biopsy	Ever Have Biopsy of Prostate?	<p>Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"</p>	<p>.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"</p>
surg_prostatectomy	Ever Had Prostatectomy for Benign Disease?	<p>Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"</p>	<p>.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"</p>
surg_resection	Ever Had Transurethral Resection of Prostate?	<p>Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"</p>	<p>.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"</p>
vasect_f	Had a Vasectomy?	<p>Question M40 - "Have you had a vasectomy, that is, a sterilization procedure for men?"</p> <p>Participants who didn't answer or said "no" are modified to "yes" when they list an age when they had a vasectomy.</p>	<p>.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"</p>

Variable	Label	Description	Format Text
vasecta	Age at Vasectomy	Question M41 - "How old were you when you had a vasectomy?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" .N="Not Applicable" 1="<25" 2="25-34" 3="35-44" 4="45+"

Section 31: BQ Screening History

Variable	Label	Description	Format Text
colorect_history	Had Procedure to Examine Colon/Rectum in Past 3 Years?	Question M47, F62 - "During the past three years, have you had a colonoscopy, sigmoidoscopy, or barium enema to examine the colon and rectum?"	.F="No Form" .M="Not Answered" 0="No" 1="Yes, Once" 2="Yes, More Than Once" 3="Don't Know"
colscrn_history	Had Colonoscopy or Test for Blood in Stool In Past 3 Years?	This is a summary of any colon screening contamination. Participants who had at least one test for blood in their stool or a colonoscopy, sigmoidoscopy or barium enema examining the colon and rectum in the past three years are considered to have had a colon screen.	.F="No Form" .M="Not Answered" 0="No" 1="Yes"
stool_history	Had a Test for Blood in Stool in Past 3 Years?	Question M46, F61 - "During the past three years, have you had a test for blood in the stool?"	.F="No Form" .M="Not Answered" 0="No" 1="Yes, Once" 2="Yes, More Than Once" 3="Don't Know"