Liver Data Dictionary

TABLE OF CONTENTS

Document Summary

Property	Value
Document Title	Liver: Data Dictionary
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Liver: 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		Char
build_cancers	Build Cancer Cohort	The source of the build data.	1="Trial Only"
build_death_cutoff	Build Death Cutoff		6="Deaths through 2022"
build_incidence_cutoff	Build Incidence Cutoff	The censoring date for any cancer data associated with the dataset.	1="Cancers Through 2009"

Section 2: Study

Variable	Label	Description	Format Text
ph_liver_trial	Trial Personal History of Liver Cancer	Did the participant have a personal history of liver cancer prior to trial entry?	0="No" 1="Yes" 9="Unknown"
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
liver_eligible_bq	BQ Liver Analysis: Eligible?	Flagged participants must have completed a valid questionnaire, had no history of liver 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_liver_bq	BQ Analysis Personal History of Liver Cancer	Did the participant have a personal history of liver cancer prior to BQ analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"
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
liver_eligible_dhq	DHQ Liver 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_liver_dhq	DHQ Analysis Personal History of Liver Cancer	Did the participant have a personal history of liver cancer prior to DHQ analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"
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
liver_eligible_dqx	DQX Liver 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_liver_dqx	DQX Analysis Personal History of Liver Cancer	Did the participant have a personal history of liver cancer prior to DQX analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"
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
liver_eligible_sqx	SQX Liver Analysis: Eligible?	Flagged participants must have completed a valid questionnaire, had no history of liver 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_liver_sqx	SQX Analysis Personal History of Liver Cancer	Did the participant have a personal history of liver cancer prior to SQX analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"
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_liver_muq	MUQ Analysis Personal History of Liver Cancer	Did the participant have a personal history of liver cancer prior to MUQ analysis entry?	.F="No Form" 0="No" 1="Yes" 9="Unknown"
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
fstcan_exitstat	First Cancer Incidence Exit Status	Status of the participant at exit for first cancer incidence. Only cancers occuring 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"
liver_exitstat	Liver Incidence Exit Status	Status of the participant at exit for liver cancer incidence.	0="No Time at Risk" 1="Confirmed Cancer" 2="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_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 occuring during the trial are used to determine exit.	Numeric
liver_exitdays	Days Until Liver Incidence Exit	Days from trial entry (randomization) to cancer diagnosis for participants with liver cancer, or to 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 occuring during the trial are used to determine exit.	Numeric
liver_exitage	Liver Incidence Exit Age	Age of participant at exit for liver cancer incidence. This is age at diagnosis for participants with liver cancer and age at trial exit otherwise.	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"

Liver: Data Dictionary
10/15/2024

Section 10: Cancer Diagnosis

Variable	Label	Description	Format Text
liver_cancer	Confirmed Liver Cancer	Does the participant have confirmed primary liver cancer diagnosed during the trial?	0="No Confirmed Cancer" 1="Confirmed Cancer"
liver_cancer_diagdays	Liver Confirmed Cancer Diagnosis Days		Numeric .N="Not Applicable"
liver_cancer_first	Was Liver Cancer the First Diagnosed Cancer?	Among all of a participant's cancers diagnosed during the trial, was liver cancer the earliest?	.N="Not Applicable" 0="No" 1="Yes"
liver_annyr	Anniversary year of diagnosis	The liver cancer anniversary year. If the participant has no cancer, this is set to .N.	Numeric .N="Not Applicable"

Section 11: Cancer Characteristics

Variable	Label	Description	Format Text
liver_behavior	Liver Cancer Behavior (ICD-O-2)		.N="Not Applicable" 3="Malignant, Primary Site"
liver_grade	Liver Cancer Grade (ICD-O-2)		.N="Not Applicable" 1="Well Differentiated; Grade I" 2="Moderately Differentiated; Grade II" 3="Poorly Differentiated; Grade III" 4="Undifferentiated; Grade IV" 9="Not Determined/Stated/or Applicable"
liver_morphology	Liver Cancer Morphology (ICD-O-2)		See ICD-O-2 Documentation .N="Not Applicable"
liver_topography	Liver Cancer Topography (ICD-O-2)		"C220"="Liver" "C221"="Intrahepatic bile duct"

Section 12: 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 13: Death Certificate Cause of Death

Variable	Label	Description	Format Text
d_cause_of_death	Cause of Death from Death Certificate	Categorized underlying cause of death. 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.	.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" [continued...]

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

Liver: Data Dictionary
10/15/2024

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

Liver: Data Dictionary
10/15/2024

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...]

Liver: Data Dictionary
10/15/2024

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_dth_liver	Is Liver Cancer The Underlying Cause Of Death?	Is liver cancer the underlying cause of death? This conclusion is based on the information from the death certificate.	0="No" 1="Yes"

Liver: Data Dictionary
10/15/2024

Section 14: Final Cause of Death

Variable	Label	Description	Format Text
f_cause_of_death	Cause of Death	Categorized underlying cause of death. 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.	.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" [continued...]

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
[...continued] **f_seer_death**			[...continued] 27050="Vagina" 27060="Vulva" 27070="Other Female Genital Organs" 28020="Testis" 28030="Penis" 28040="Other Male Genital Organs" 29030="Ureter" 29040="Other Urinary Organs" 30000="Eye and Orbit" 32020="Other Endocrine including Thymus" 37000="Miscellaneous" 38000="In situ, benign or unknown behavior neoplasm" 50030="Septicemia" 50040="Other Infectious and Parasitic Diseases" 50050="Diabetes Mellitus" 50051="Alzheimers" 50060="Diseases of Heart" 50070="Hypertension without Heart Disease" 50080="Cerebrovascular Diseases" 50090="Atherosclerosis" 50100="Aortic Aneurysm and Dissection" 50110="Other Diseases of Arteries, Arterioles, Capillaries" 50120="Pneumonia and Influenza" 50130="Chronic Obstructive Pulmonary Disease and Allied Cond." 50140="Stomach and Duodenal Ulcers" 50150="Chronic Liver Disease and Cirrhosis" 50160="Nephritis, Nephrotic [continued...]

Liver: Data Dictionary
10/15/2024

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

Liver: Data Dictionary
10/15/2024

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...]

Liver: Data Dictionary
10/15/2024

Variable	Label	Description	Format Text
[...continued] **f_seercat_death**			[...continued] 137="Diabetes Mellitus" 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"
f_cancersite	Cause of Death (From Cancer)	Underlying cause of death from cancer. 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.	.F="No Form" .M="Missing" .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"
f_dth_liver	Is Liver Cancer The Underlying Cause Of Death?	Is liver cancer the underlying cause of death? This conclusion is based on the information from the death certificate and death review.	0="No" 1="Yes"

Liver: Data Dictionary
10/15/2024

Section 15: 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 16: BQ Demographics

Variable	Label	Description	Format Text
race7	Race	BQ Form Versions 1 and 2: Question 2 - "Which of these best describes your race or ethnic background?" BQ Form Version 3: Question 2 - "Which of these groups best describes you?" Question 2a - "Are you of Hispanic origin?" 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.	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?	BQ Form Versions 1 and 2: Question 2. BQ Form Version 3: Question 2a. What is your race or ethnicity?	.F="No Form" .M="Not Answered" 0="Not Hispanic" 1="Hispanic"
educat	Education	Question 3 - "What is the highest grade or level of schooling you completed?"	.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	Question 4 - "What is your current marital status?"	.F="No Form" .M="Not Answered" 1="Married Or Living As Married" 2="Widowed" 3="Divorced" 4="Separated" 5="Never Married"
occupat	Occupation	Question 5 - "Which of these categories best describes your current working situation?"	.F="No Form" .M="Not Answered" 1="Homemaker" 2="Working" 3="Unemployed" 4="Retired" 5="Extended Sick Leave" 6="Disabled" 7="Other"

Section 17: 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 18: 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"
liver_fh	Family History of Liver Cancer	Liver 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"
liver_fh_age	Age of Youngest Relative with Liver Cancer	Diagnosis age of the youngest first-degree relative diagnosed with liver cancer.	Numeric .A="Ambiguous" .F="No Form" .M="Missing" .N="Not Applicable" 0="< 1 Year"
liver_fh_cnt	# of Relatives with Liver Cancer	The number of first-degree relatives with liver 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 19: 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: - 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: - 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: - 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: - 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"

Liver: Data Dictionary
10/15/2024

Section 20: 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 21: 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"

Liver: Data Dictionary
10/15/2024

Section 22: 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+"

Liver: Data Dictionary
10/15/2024

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"

Liver: Data Dictionary
10/15/2024

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 23: 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 24: BQ Prostate Surgery

Variable	Label	Description	Format Text
surg_age	Age at First Prostate Surgery	Question M39 - "How old were you when you had a surgical procedure of the prostate the first time?" Participants who were "<30" or "30-39" when they had their first prostate surgery were collapsed into a "<40" category.	.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+"
surg_any	Ever Have Any Prostate Surgeries?	Question M38 - "Have you ever had any of the following surgical procedures of the prostate?" Has the participant had at least one of the following prostate surgeries: 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.	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes" 2="Don't Know"
surg_biopsy	Ever Have Biopsy of Prostate?	Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
surg_prostatectomy	Ever Had Prostatectomy for Benign Disease?	Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
surg_resection	Ever Had Transurethral Resection of Prostate?	Question M38 - "Have you ever had any of the following surgical procedures of the prostate?"	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"
vasect_f	Had a Vasectomy?	Question M40 - "Have you had a vasectomy, that is, a sterilization procedure for men?" Participants who didn't answer or said "no" are modified to "yes" when they list an age when they had a vasectomy.	.F="No Form" .G="Wrong Gender" .M="Not Answered" 0="No" 1="Yes"

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+"