

Person Data Dictionary

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Document Summary

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Document Title	Person: Data Dictionary
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Person: Data Dictionary

Section 1: Identifiers

Variable	Label	Description	Format Text
jjid	Patient Identifier		Char

Section 2: Basic - Demographics

Variable	Label	Description	Format Text
age_enroll	Age At Enrollment		Numeric
amount_cigs	Amount Of Cigarettes Smoked		0="None" 1="Less Than 1/2" 2="1/2 To 3/4" 3="More Than 3/4"
asthma	Attack of Asthma?		.M="Missing" 0="No" 1="Yes" 9="Not Given"
cig_per_day	Average Number Of Cigarettes Smoked/Day Smoked Now Or One Year Ago If Ex-Smoker		Numeric .M="Missing"
exp_arsenic	Exposure To Aresenic?		0="No" 1="Yes" 9="Not Given"
exp_asbestos	Exposure To Asbestos?		0="No" 1="Yes" 9="Not Given"
exp_chromium	Exposure To Chromium?		0="No" 1="Yes" 9="Not Given"
exp_cmme	Exposure To Chlormethyl Ether?		0="No" 1="Yes" 9="Not Given"
exp_ironoxide	Exposure To Iron Oxide?		0="No" 1="Yes" 9="Not Given"
exp_nickel	Exposure To Nickel?		0="No" 1="Yes" 9="Not Given"
inhale	Inhale When Smoking?		0="No" 1="Yes" 9="Not Given"
inhale_deep	Inhale Deeply When Smoking?		0="No" 1="Yes" 9="Not Given"
pers_phys	Have A Personal Physician?		.M="Missing" 0="No" 1="Yes" 9="Not Given"
race	Race		1="White" 2="Black" 3="Other"

Variable	Label	Description	Format Text
rad_contact_type	Type Of Radioactive Contact		.N="N/A" 1="Uranium Minings" 2="Flourospar Minings" 3="Radon" 4="Radium" 5="Other" 6="Combination Of Exposures" 9="Not Given"
radioactive_mat	Contact With Radioactive Materials?		0="No" 1="Yes" 9="Not Given"
sex	Sex		1="Male"
smk_ever	Ever Smoked?		.M="Missing" 0="No" 1="Yes" 9="Not Given"
years_smoke	Number Of Years Smoked		Numeric

Section 3: Basic - Study Participation

Variable	Label	Description	Format Text
basic_sequence	Sequence Number		Numeric
cohort	Cohort		1="Control" 2="Screened"
eligibility	Eligibility		.M="Missing" 1="Turned 45 During Study" 2="Change In Smoking Habits From Initial Screening" 3="Ineligible, Age" 4="Ineligible, Smoking" 5="Ineligible, Age And Smoking" 6="Ineligible, Double Enrollment" 7="Ineligible, History Of Lung Cancer"
entry_dx_dy	Interval Between Entry and Diagnosis (In Days)		Numeric 9999="Unknown Or N/A"
entry_dx_mn	Interval Between Entry and Diagnosis (In Months)		Numeric 999="Unknown Or N/A"
entry_final_dy	Interval Between Entry and Death or Last Follow-up (In Days)		Numeric
entry_final_mn	Interval Between Entry and Death or Last Follow-up (In Months)		Numeric
final_dt	Date of Death or Last Follow-up		SAS Date
last_contact_mn	Month Of Last Contact		Numeric
last_contact_yr	Year Of Last Contact		Numeric
participation	Participation		.M="Missing" 1="Participating" 10="Participating, Will Not Use Mail-In Cup" 12="Participating, Will Use Cups But Cannot Come In For A Visit" 14="Temporary Dropout" 16="Health Problems, Will Participate At A Later Date" 21="Ineligible, Not Participating" 22="Dropout, Normal Follow-Up" 23="Dropout, Indirect Follow-Up" 24="Moved From Area, Not Participating" 25="Lost To Follow-Up" 26="Permanent Dropout Due To Health" 27="Not Participating; Certified Letter Sent And Received Confirming That Participant Alive And At Address At Date Of Last Contact" 29="Temporary Drop-Out" 30="Refused Follow-Up But Will Return Mail-In Questionnaires" 31="Refused Follow-Up But Will Return Mail-In Questionnaires And Mail-In Sputum Cups" 32="Clinical Patient; Follow-Up Is On The Clinical File"

Variable	Label	Description	Format Text
phase1_num	Phase 1 Number		Numeric .M="Missing" .U="Undocumented Value"
spec_surveil	Special Surveillance		.M="Missing" 1="Clinical Work-Up" 2="Clinical Work-Up Now Returned To Routine"

Section 4: Basic - Cancer Summary

Variable	Label	Description	Format Text
can_celltype	Cell Type		.M="Missing" 1="Squamous" 2="Adeno" 3="Large Cell" 4="Small Cell" 5="Other" 6="Mixed" 7="Multiple"
can_upper_airways	Upper Airways Cancer		.M="Missing" 0="Multiple Sites" 1="Tongue" 2="Epiglottis" 3="Floor Of Mouth" 4="Vocal Cord" 5="Pharynx" 6="Tonsil" 7="Larynx" 8="Nasopharynx" 10="Hypopharynx" 11="Oropharynx" 12="Pyriiform Sinus" 13="Ca Of The Maxillary Sinus" 14="Ca Of The Lower Lip"
cancer_flag	Does Participant Have Cancer?		0="No Cancer" 1="Confirmed Lung Cancer" 2="Unconfirmed Lung Cancer" 9="Unknown"
detect_method	Mode Of Detection		.M="Missing" 1="X-ray" 2="Cytology" 3="Both" 4="Interval" 5="Post-Screening"
diag_dt	Date Of Diagnosis		SAS Date .E="Erroneous Date" .M="Missing"
dx_final_dy	Interval Between Diagnosis and Death or Last Follow-up (In Days)		Numeric 9999="Unknown Or N/A"
dx_final_mn	Interval Between Diagnosis and Death or Last Follow-up (In Months)		Numeric 999="Unknown Or N/A"
inci_lung_cancer	Confirmed Lung Cancer Incidence/Prevalence		0="Not Confirmed Or Routine Participant" 1="Confirmed Incidence Case" 2="Confirmed Prevalence Case"
staging	Staging	Due to difficulty interpreting this variable, this is not the preferred method of viewing staging. Check the individual pathologic and clinical component variables.	Char

Section 5: Basic - Death Summary

Variable	Label	Description	Format Text
death_flag	Is Participant Dead?		0="Alive" 1="Dead Of Lung Cancer" 2="Dead Of Other Cause" 9="Unknown Cause"
death_type	Deceased Status		0="Still Alive" 1="Deceased, No Certificate" 2="Deceased, Certificate Received" 3="Deceased, Reviewed At Mortality Conference"

Section 6: Follow-up - Details

Variable	Label	Description	Format Text
fup_sequence_1-30	Sequence Number		Numeric .N="N/A"
fup_visit_date_1-30	Visit Date		SAS Date .E="Erroneous Date" .N="N/A"
num_fup	Number of Follow-up Visits		Numeric

Section 7: Follow-up - Questionnaire

Variable	Label	Description	Format Text
first_fup_timesince quit_mn_1-30	How Long Ago Quit Smoking (Months)?		Numeric .D="Did Not Quit" .M="Missing" .N="N/A"
first_fup_timesince quit_yr_1-30	How Long Ago Quit Smoking (Years)?		Numeric .D="Did Not Quit" .M="Missing" .N="N/A"
fup_asthma_1-30	Have Asthma?		.M="Missing" .N="N/A" 0="No" 1="Yes"
fup_asthma_hay_vi s_1-30	Asthma Or Hay Fever At Time Of Visit?		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_back_allergy_1- 30	Background Allergy Evidence		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant"
fup_back_asbestos _bodies_1-30	Background Asbestos Bodies		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant"
fup_back_blood_1-3 0	Background Blood		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant"
fup_back_cursch_s piral_1-30	Background Curschmann Spirals		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant"
fup_back_viral_1-30	Background Viral Evidence		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant"
fup_canc_foot_1-30	Cancer Footnote		Char
fup_cancersincelast _1-30	Cancer Since Last Visit?		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_cig_per_day_1- 30	Average Number Of Cigarettes Smoked/Day At Time Of Visit		Numeric .M="Missing" .N="N/A"

Variable	Label	Description	Format Text
fup_cold_flu_1-30	Cold Or Flu At Time Of Visit Or Within Month Prior?		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_cough_1-30	Chronic Cough At Time Of Visit?		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_hanks_saline_1-30	Randomized Hanks or Saline?		.M="Missing" .N="N/A" 1="Hanks" 2="Saline"
fup_lung_doctor_1-30	Seen A Doctor For A Lung Problem?		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_lung_hospital_1-30	Been Hospitalized For A Lung Problem?		.N="N/A" .U="Undocumented Value" 0="No" 1="Yes" 9="Unknown"
fup_prev_cancer_1-30	Have Previous Cancer?		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_smoke_1-30	Type Of Smoking Habit		.M="Missing" .N="N/A" 1="Non-Smoker" 2="Low Smoker" 3="Moderate Smoker 1-2 Packs" 4="High Smoker 2 Packs Or More" 5="Stopped Smoking"
fup_stop_smoke_1-30	Stopped Smoking?		.M="Missing" .N="N/A" 0="No" 1="Yes"
fup_virus_1-30	Have Virus?		.M="Missing" .N="N/A" 0="No" 1="Yes"
fup_years_since_quit_1-30	Years Since Last Smoked		Numeric .M="Missing" .N="N/A" 0="Currently Smoking" 1="Quit Smoking 1 Year Or Less" 1.1="More Than 1 Year Since Last Smoked"

Section 8: Follow-up - X-ray

Variable	Label	Description	Format Text
fup_firstxray_can_1-30	First X-ray: Cancer		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxray_neg_1-30	First X-ray: Negative		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxray_sus_1-30	First X-ray: Suspicious		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxray_uns_1-30	First X-ray: Unsatisfactory		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_asb_1-30	First X-ray Findings: Asbestosis		.N="N/A" .U="Undocumented Value" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_bul_1-30	First X-ray Findings: Bullae		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_cmeg_1-30	First X-ray Findings: Enlarged Heart		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_emp_1-30	First X-ray Findings: Emphysema		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_fib_1-30	First X-ray Findings: Fibrosis		.N="N/A" .U="Undocumented Value" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_inf_1-30	First X-ray Findings: Inflammation		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_firstxrayf_nch_1-30	First X-ray Findings: No Change From Previous Films		.N="N/A" 0="No" 1="Yes" 9="Unknown"

Variable	Label	Description	Format Text
fup_firstxrayf_tbc_1-30	First X-ray Findings: T.B. Or Old Granulomatous Disease		.N="N/A" 0="No" 1="Yes" 9="Unknown"
fup_path_comment_foot_1-30	Footnote: Pathologist's Comments		.N="N/A" 0="No Footnote" 1="See Footnote"
fup_patient_letter_1-30	Letter Sent To Patient	Additional Codes Indicate Letter Sent To Participant	" "=""No Letter Sent" "101"=""Negative, Cytology Group" "103"=""Letter Sent To Patient" "113"=""Unsatisfactory Cytology" "116"=""Requests Return Of Mailer Cup" "117"=""Letter Sent To Patient" "118"=""Negative Mailer" "11A"=""Negative, Cytology Group" "128"=""Unsatisfactory Cytology Twice" "12A"=""Letter Sent To Patient" "130"=""Letter Sent To Patient" "131"=""Modified Cytology For Second Time Or More" "141"=""Letter Sent To Patient" "142"=""Letter Sent To Patient" "151"=""Sup X-Ray, Cytology Group" "154"=""Sup X-Ray, Cytology Group" "161"=""First Modified Cytology" "171"=""Negative, But With Enlarged Heart, Cytology Group" "172"=""Negative, But With Enlarged Heart, Cytology Group" "174"=""Negative But With Emphysema, Cytology Group" "175"=""Negative But With Emphysema, Cytology Group" "181"=""Cytology Was Modified, Has Now Become Negative" "201"=""Negative, X-Ray Group" "202"=""Letter Sent To Patient" "21A"=""Negative, X-Ray Group" "22A"=""Letter Sent To Patient" "251"=""Sup X-Ray, X-Ray Group" "254"=""Sup X-Ray, X-Ray Group" "271"=""Negative But With Enlarged Heart, X-Ray Group" "272"=""Negative But With Enlarged Heart, X-Ray Group" "274"=""Negative But With Emphysema, X-Ray Group" "275"=""Negative But With Emphysema, X-Ray Group" "301"=""Ineligible Letter" "501"=""Letter Sent To Patient" "730"=""Letter Sent To Patient" [continued...]

Variable	Label	Description	Format Text
[...continued] fup_patient_letter_1-30			[...continued] "MIQ"="Mail In Questionnaire" "NLS"="No Letter Sent" "PFT"="Letter Sent To Patient" "SPC"="Special" "SPL"="Letter Sent To Patient" "UNF"="Letter Sent To Patient" "VBL"="Letter Sent To Patient"
fup_patient_letter_dy_1-30	Day Letter Sent To Patient		Numeric .M="Missing" .N="N/A" .U="Undocumented Value"
fup_patient_letter_mn_1-30	Month Letter Sent To Patient		Numeric .M="Missing" .N="N/A" .U="Undocumented Value"

Variable	Label	Description	Format Text
fup_physician_letter_1-30	Letter Sent To Physician	Additional Codes Indicate Letter Sent To Physician	" " = "No Letter Sent" "101" = "Letter Sent To Physician" "102" = "Negative, Cytology Group" "103" = "Special X-Ray Findings (Bullae, Fibrosis) And Sup, Cytology Group" "104" = "Emphysema, Cytology Group" "105" = "Bullae, Cytology Group" "106" = "Fibrosis, Cytology Group" "107" = "Asbestosis, Cytology Group" "108" = "TBC, Cytology Group" "109" = "Inflammation, Cytology Group" "10S" = "Letter Sent To Physician" "110" = "Enlarged Heart, Cytology Group" "111" = "Letter Sent To Physician" "11A" = "Letter Sent To Physician" "12A" = "Negative, Cytology Group" "131" = "Letter Sent To Physician" "132" = "Several Modified Cytologies" "142" = "Letter Sent To Physician" "14A" = "Letter Sent To Physician" "162" = "Modified For First Time" "182" = "Modified Cytology Is Now Negative" "201" = "Letter Sent To Physician" "202" = "Letter Sent To Physician" "203" = "Special X-Ray Findings (Bullae, Fibrosis) And Sup, X-Ray Group" "204" = "Emphysema, X-Ray Group" "205" = "Bullae, X-Ray Group" "206" = "Fibrosis, X-Ray Group" "207" = "Asbestosis, X-Ray Group" "208" = "TBC, X-Ray Group" "209" = "Inflammation, X-Ray Group" "210" = "Enlarged Heart, X-Ray Group" "211" = "Letter Sent To Physician" "21A" = "Letter Sent To Physician" "22A" = "Negative, X-Ray Group" "240" = "Letter Sent To Physician" "26A" = "Letter Sent To Physician" "28A" = "Letter Sent To Physician" "DNG" = "Doctor Not Given, No Letter Sent" "NLS" = "Letter Sent To Physician" "PFT" = "Letter Sent To Physician" "SPC" = "Special Letter" [continued...]

Variable	Label	Description	Format Text
[...continued]			[...continued]
fup_physician_letter_1-30			"SPL"="Letter Sent To Physician" "UNF"="Letter Sent To Physician" "VBL"="Letter Sent To Physician"
fup_physician_letter_dy_1-30	Month Letter Sent To Physician		Numeric .M="Missing" .N="N/A" .U="Undocumented Value"
fup_physician_letter_mn_1-30	Month Letter Sent To Physician		Numeric .M="Missing" .N="N/A" .U="Undocumented Value"
fup_repeat_xray_month_1-30	Month A Repeat X-ray Should Be Done		.M="Missing" .N="N/A" 0="Undocumented Value" 1="January" 2="February" 3="March" 4="April" 5="May" 6="June" 7="July" 8="August" 9="September" 10="October" 11="November" 12="December" 30="Undocumented Value"
fup_xray_addi_foot_1-30	Footnote - Additional X-ray Findings		Char " "="No Footnote"
fup_xray_additional_1-30	Additional X-ray findings		.M="Missing" .N="N/A" 1="Emphysema" 2="Bullae" 3="Fibrosis" 4="Asbestosis" 5="T.B. Or Old Granulomatous Disease" 6="Inflammation" 7="Enlarged Heart" 8="No Change From Previous Films" 10="Congestive Heart Failure" 11="Surgery"

Variable	Label	Description	Format Text
fup_xray_findings_oth_1-30	Other X-ray Result		.M="Missing" .N="N/A" 1="Emphysema" 2="Bullae" 3="Fibrosis" 4="Asbestosis" 5="T.B. Or Old Granulomatous Disease" 6="Inflammation" 7="Enlarged Heart" 8="No Change From Previous Films" 9="Acute Infiltrate" 10="Congestive Heart Failure" 11="Surgery"
fup_xray_flag_1-30	X-ray Flag		.N="N/A" 0="NO X-RAY" 1="NORMAL X-RAY" 2="AWAITING X-RAY RESULTS" 3="SUSPICIOUS X-RAY" 4="CANCER X-RAY" 5="UNSATISFACTORY X-RAY"
fup_xray_foot_comment_1-30	Footnote - X-ray Comments		Char " "="No Footnote"
fup_xray_foot_disposition_1-30	Footnote - X-ray Disposition		Char " "="No Footnote"
fup_xray_result_1-30	X-ray Result		.M="Missing" .N="N/A" 0="Negative" 1="Suspicious" 2="Cancer" 3="Unsatisfactory" 4="Suspicious Became Cancer" 5="Suspicious Became Negative" 6="Unsatisfactory Became Negative" 7="Lost" 9="X-Ray Not Taken" 10="X-Ray Not Taken Became Negative" 11="Unsatisfactory Would Not Return For Repeat" 12="Suspicious Follow-Up In Several Months"

Section 9: Follow-up - Cytology

Variable	Label	Description	Format Text
fup_carcinoma_type_1-30	Carcinoma Type		.M="Missing" .N="N/A" 1="Squamous, In Situ" 2="Squamous, Ins/Inv" 3="Squamous, Invasive" 4="Adenocarcinoma" 5="Large Cell, Undifferentiated"
fup_cyt_spec_report_1-30	Specimen Cytology Report		.M="Missing" .N="N/A" 0="No Cancer Evidence" 1="Fringe Atypia" 2="Slight Atypia" 3="Moderate Atypia" 4="Grave Atypia" 5="Cancer" 6="Unsatisfactory"
fup_cyt_spec_type_1-30	Type Of Cytology Specimen		.N="N/A" 1="Hanks Induction Only" 2="Mailer Cup" 3="Hanks Induction And Post Cup Combined" 4="Hanks Induct Only - Randomized" 5="Hanks Induct And Post Cup - Randomized" 6="Saline Induction Only - Randomized" 7="Saline Induct And Post Cup - Randomized" 8="Induction Only" 9="Induction And Post Cup Ombined Diagnostic" 15="Pre, Ind. And Post Hanks" 99="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_cyt_summ_report_1-30	Summary Cytology Report		.M="Missing" .N="N/A" 0="NO CANCER EVIDENCE" 1="FRINGE ATYPIA" 2="SLIGHT ATYPIA" 3="MODERATE ATYPIA" 4="GRAVE ATYPIA" 5="CANCER"
fup_cytology_flag_1-30	Cytology Flag		.M="Missing" .N="N/A" 0="Normal Cytology" 1="Waiting For Cup To Be Returned" 2="Cup Returned - Waiting For Report" 4="Cup Sent Out - Mailer" 5="Mod, Gra, Or Uns Cytology - Needs Repeat Induction" 6="No Specimen Sent To Us" 7="Uns Specimen 2 Times"

Variable	Label	Description	Format Text
fup_cytology_res_1-30	Cytology Result		.N="No Cytology Specimen Done" 0="No Cancer Evidence" 1="Fringe Atypia" 2="Slight Atypia" 3="Moderate Atypia" 4="Grave Atypia" 5="Cancer" 6="Unsatisfactory" 7="No Specimen"
fup_epith_atypia_col_1-30	Atypia Columnar		.M="Missing" .N="N/A" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave"
fup_epith_atypia_mix_1-30	Epithelial Atypia Mix/Indeterminate		.M="Missing" .N="N/A" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave"
fup_epith_atypia_sq_1-30	Epithelial Atypia Squamous		.M="Missing" .N="N/A" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave"
fup_oral_exam_1-30	Oral Examination		.N="N/A" 0="None" 2="Requested, Done"

Section 10: Clinical - Cancer Details

Variable	Label	Description	Format Text
clin_addrad_aprical	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: Apical Lordotic		.M="Missing" 1="Lesion Detected"
clin_addrad_ctscan	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: CT Scan		.M="Missing" 1="Lesion Detected" 3="Both"
clin_addrad_oblique	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: Oblique Views		.M="Missing" 1="Lesion Detected"
clin_addrad_tomograph	Additional Radiographic Studies - Requested At The Time Of A Sus X-ray And Resulting In A San: Tomography		.M="Missing" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
clin_adenopathy	Adenopathy		.M="Missing" 1="Yes" 9="Unknown"
clin_ajc_class	AJC Classification		.M="Missing" 0="Clinical, Includes All Diagnostic Procedures Except For Thoracotomy" 1="Surgical, Thoracotomy But No Definitive Resection" 2="Post-Surgical, Thoracotomy With Definitive Resection" 3="Autopsy"
clin_atelectasis	Atelectasis		.M="Missing" 0="No" 1="Yes"
clin_best_diag_mod e	Modality Providing Best Information For Diagnosis		.M="Missing" 1="Autopsy" 2="Resected Specimen" 3="Thoracotomy Bx" 4="Mediastinoscopy" 5="Bronchoscopy Histo" 6="Bronchoscopy Cyto" 7="Needle Bx" 8="Other Bx" 9="Sputum And X-Ray" 10="Other Cytology"
clin_biopsy_compl ic	Needle Biopsy: Complications		.M="Missing" 0="No" 1="Yes"

Variable	Label	Description	Format Text
clin_biopsy_cytopath	Needle Biopsy: Cytopathology		.M="Missing" 0="NEG, FRI, SLI" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 8="SUSP, Marked" 9="Unknown"
clin_biopsy_histo	Needle Biopsy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
clin_biopsy_numbeforediag	Needle Biopsy: Number Before Diagnosis		Numeric .M="Missing"
clin_broncho_anesthesia	Bronchoscopy: Anesthesia		.M="Missing" 0="Topical" 1="General" 9="Unknown"
clin_broncho_cyto	Bronchoscopy: Cytopathology		.M="Missing" 0="NEG, FRI, SLI" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
clin_broncho_extend	Bronchoscopy: Proximal Extend Of Tumor		.M="Missing" 0="Less Than 2 CM" 1="Other" 9="Unknown"
clin_broncho_histo	Bronchoscopy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
clin_broncho_num	Bronchoscopy: Number Required		Numeric .M="Missing"

Variable	Label	Description	Format Text
clin_celltype	Cell Type		.M="Missing" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="MUL"
clin_confirm	How Confirmed		.M="Missing" 3="X-Ray And Cytology" 4="Bronchoscopy" 5="Needle Bx" 6="Mediastinoscopy" 7="Thoracotomy" 8="Other" 9="Unknown"
clin_cyto_atdetect	Cytology At Detection		.M="Missing" 0="NCE" 1="FRI" 2="SLI" 3="MOD" 4="GRA" 5="CAN" 6="Unsatisfactory Specimen"
clin_detect_dt	Date Of Detection		SAS Date .M="Missing"
clin_detectmode	Mode Of Detection		.M="Missing" 1="X-Ray" 2="Cyto" 3="Both" 4="Interval" 5="Post Screening"
clin_diagage	Age At Diagnosis		Numeric .M="Missing"
clin_diagdt	Date Of Diagnosis		SAS Date .M="Missing"

Variable	Label	Description	Format Text
clin_differentiation	Differentiation Of Tumor	Cell type= SQU: 1 = Well Differentiated 2 = Mod Differentiated 3 = Poorly Differentiated ADN: 1 = Well Differentiated 2 = Mod Differentiated 3 = Poorly Differentiated 4 = Bronchiolo-Alveolar ULG: 1 = Solid C Mucin 2 = Solid S Mucin 3 = Giant Cell 4 = Clear Cell 5 = Combination Solid S Mucin And Clear Cell USM: 1 = Fusiform 2 = Polygonal 3 = Lymphocyte/Oat Cell 4 = Other -- Not Given	Numeric .M="Missing"
clin_fleishners_line	Fleishner's Line		.M="Missing" 0="No" 1="Yes"
clin_greatest_tumor_size_mm	Size Of Tumor (mm)		Numeric .M="Missing"
clin_inci_prev	Incidence/Prevalence		.M="Missing" 1="Prevalence" 2="Incidence"
clin_inv_restricted_margin	Involvement Of Resected Margin		.M="Missing" 0="None" 1="Metaplasia" 2="Insitu" 3="Invasive" 9="Not Stated"
clin_last_neg_cyto_dt	Date Of Last Negative cytology Before Detection		SAS Date .E="Erroneous Date" .M="Missing"
clin_last_neg_xray_dt	Date Of Last Negative X-ray Before Detection		SAS Date .E="Erroneous Date" .M="Missing"
clin_latview_use	Usefulness Of Lateral View		.M="Missing" 0="Undocumented Value" 1="Seen On Pa" 2="Seen Only On Lateral View" 3="Seen Best On Lateral View"
clin_lobe	Lobe		.M="Missing" 1="RUL" 2="RML" 3="RLL" 4="LUL" 5="LIN" 6="LLL" 7="R-SIDE" 8="L-SIDE" 9="Unknown"

Variable	Label	Description	Format Text
clin_mediast_given	Mediastinoscopy Given		.M="Missing" 0="No" 1="Yes"
clin_mediast_histo	Mediastinoscopy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 7="NO BX" 9="Unknown"
clin_metas_assess	Metastases Assessment		.M="Missing" 1="Non-Assessable" 2="Radiographic" 3="Nuclear Medicine Scans" 4="Cytopathology" 5="Biopsy" 6="Autopsy" 7="Other, Any Combination"
clin_metastasis	Metastases		.M="Missing" 0="None" 1="Present"
clin_mode_detect_2	Mode Of Detection II		.M="Missing" 0="Routine Cytology" 1="Mod Follow-Up (Cytology)" 2="Routine X-Ray" 3="Sup1 Follow-Up" 4="Sup2 Follow-Up" 5="Both (Screenee Group Only)" 6="Interval X-Ray" 7="Interval Symptoms" 8="Interval Death" 9="Post X-Ray" 10="Post Symptoms" 11="Post Death"
clin_nodal_hilar	Nodal Involvement: Hilar		.M="Missing" 0="No" 1="Yes"
clin_nodal_mediastinal	Nodal Involvement: Mediastinal		.M="Missing" 0="No" 1="Yes"
clin_nodal_other	Nodal Involvement: Other		.M="Missing" 0="No" 1="Yes"
clin_nodal_peribronchial	Nodal Involvement: Peribronchial		.M="Missing" 0="No" 1="Yes"
clin_nodal_subcarinal	Nodal Involvement: Subcarinal		.M="Missing" 0="No" 1="Yes"

Variable	Label	Description	Format Text
clin_node_assess	Node Assessment		.M="Missing" 1="Non-Assessable" 2="Radiographic" 3="Bronchoscopy" 4="Mediastinoscopy/Parasternal Exploration" 5="Thoracotomy C Curative Resection" 6="Thoracotomy C Partial Resection Or BX" 7="Autopsy" 8="Other" 9="Unknown"
clin_nodes	Nodes		.M="Missing" 0="None" 1="Hilar Or Peribronchial" 2="Mediastinal Or Subcarinal"
clin_num_tumor	Number Of Tumors		Numeric .M="Missing" 8="Multiple" 9="Unknown"
clin_other_biopsy_given	Other Biopsy Given		.M="Missing" 0="No" 1="Yes"
clin_other_biopsy_histo	Other Biopsy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM"
clin_pneumonitis	Pneumonitis		.M="Missing" 0="No" 1="Yes"
clin_primarytherapy	Therapy - Primary Treatment		.M="Missing" 0="Not Advised" 1="Refuse" 2="Deferred" 3="Surgery For Cure" 4="Incomplete Resection" 5="Radiotherapy" 6="Chemotherapy" 7="Radio And Chemo" 9="Unknown"
clin_proximal_extent	Proximal Extent		.M="Missing" 1="Trachea, Tracheal Bifucation" 2="Mainstream Bronchus" 3="Lobar/Bronchus Intermedius" 4="Segmental/Subsegmental" 5="Peripheral" 6="Central Hilar/X-Ray" 9="Unknown"

Variable	Label	Description	Format Text
clin_resect_type	Type Of Resection		.M="Missing" 0="None" 1="RUL" 2="RML" 3="RLL" 4="LUL" 6="LLL" 7="RU,RML" 8="RM,RLL" 11="R Pneumonectomy" 12="L Pneumonectomy" 13="Other"
clin_site	Site		.M="Missing" 1="Lung"
clin_stage	Stage		.M="Missing" 0="0" 1="1" 2="2" 3="3" 4="1B (T1N1M0)" 5="MI00"
clin_stage_2	Stage II		.M="Missing" 0="IS00" 1="1001" 2="2001" 3="1101" 4="MI00" 5="2102" 6="3003 OR 3103" 7=" _203" 8=" _13" 9=" _3"
clin_surg_comp	Complication Of Surgery		.M="Missing" 0="None" 1="Wound Infection" 2="Pneumonia" 3="Pneumonia And Empyema" 5="Heart Failure" 8="Other" 9="Multiple"
clin_surg_extent	Extent Of Surgery		.M="Missing" 0="None" 1="Wedge" 2="Lobectomy" 3="Lobectomy C Sleeve" 4="Bilobectomy" 5="Pneumonectomy" 6="Radical Pneumonectomy" 7="Thoractomy S Resection"
clin_therapy	Therapy		.M="Missing" 1="Lobectomy" 2="Pneumonectomy" 3="Thoracotomy S Resection" 4="Inoperable" 5="Refused" 6="Not Recommended"
clin_therapydt	Date Of Therapy		SAS Date .M="Missing"

Variable	Label	Description	Format Text
clin_therapysupp	Therapy Supplementary Treatment		.M="Missing" 0="None" 1="Radiotherapy" 2="Chemotherapy" 3="Immunotherapy" 4="Endoscopic Therapy" 5="Other" 6="Radio And Chemo"
clin_treat_loc	Where Treated		.M="Missing" 0="JHH" 1="Outside" 2="Not Treated" 9="Unknown"
clin_tumor	Tumor		.M="Missing" 0="IS" 1="1" 2="2" 3="3" 4="M1" 9="No Primary Tumor"
clin_tumor_assess	Tumor Assessment		.M="Missing" 1="Non-Assessable" 2="Radiographic" 3="Bronchoscopy" 5="Thoracotomy C Curative Resection" 6="Thoracotomy C Partial Resection Or BX" 7="Autopsy" 8="Other" 9="Unknown"
clin_tumor_loc	Location Of Tumor		.M="Missing" 0="Multiple" 1="RUL" 2="RML" 3="RLL" 4="LUL" 5="LIN" 6="LLL" 7="R-SIDE" 8="L-SIDE" 9="Unknown"
clin_tumormargin	Margin		.M="Missing" 1="Well Defined" 2="Ill Defined" 3="Mixed" 9="Unknown"
clin_tumorpath_cavitation	Tumor Pathology: Cavitation		.M="Missing" 0="None" 1="Yes"
clin_tumorpath_chestwall	Tumor Pathology: Chest wall		.M="Missing" 0="None" 1="Yes"
clin_tumorpath_other	Tumor Pathology: Other		.M="Missing" 0="None" 1="Yes"
clin_tumorpath_parietalpleura	Tumor Pathology: Parietal Pleura		.M="Missing" 0="None" 1="Yes"

Variable	Label	Description	Format Text
clin_tumorpath_visc_pleura	Tumor Pathology: Visceral Pleura		.M="Missing" 0="None" 1="Yes"
clin_tumorshape	Shape		.M="Missing" 1="Round" 2="Oval" 3="Stellate" 9="Unknown"
clin_tumorsize_mm	Size (mm)		Numeric .M="Missing"
clin_vital_status	Vital Status		.M="Missing" 0="Alive" 1="Dead Of Lung Cancer" 2="Dead Of Other Causes" 3="Dead Of Second Lung Cancer (Cured Of First)"
clin_whereworkup	Where Work-up Performed		.M="Missing" 0="JHH" 1="Outside" 2="No Work-Up"
clin_xray_atdetect	X-ray At Detection		.M="Missing" 0="UNS" 1="NEG" 3="SUP" 4="SUS" 6="CAN"
clin_xray_zone	X-ray Zone		.M="Missing" 0="X-ray Negative" 1="Central" 2="Peripheral" 3="Mid-Zone" 9="Unknown"
clin_zone	Zone		.M="Missing" 1="Central" 2="Peripheral" 3="Midzone" 9="Unknown"

Section 11: Clinical - Cancer Recurrence

Variable	Label	Description	Format Text
recurrence	Recurrence: Recurrence Found		.M="Missing" 0="No" 1="Yes" 2="New Primary (See New Record)" 9="Not Applicable"
recurrence_age	Recurrence: Age At Recurrence		Numeric .M="Missing"
recurrence_celltype	Recurrence: Cell Type		.M="Missing" 1="SQU" 2="ADN" 3="ULG" 4="USM" 9="Unknown"
recurrence_confirm	Recurrence: How Confirmed		.M="Missing" 0="Not Advised" 1="Refused" 3="X-Ray And Cytology" 4="Bronchoscopy" 5="Needle BX" 7="Thoracotomy" 8="Other"
recurrence_det_mode	Recurrence: Mode Of Detection		.M="Missing" 0="Routine Cytology" 2="Routine X-Ray" 3="Sup1 Follow-Up" 7="Interval Symptoms" 8="Interval Death"
recurrence_detect_dt	Recurrence: Detection Date		SAS Date .E="Erroneous Date" .M="Missing"
recurrence_diag_dt	Recurrence: Diagnosis Date		SAS Date .E="Erroneous Date" .M="Missing"

Variable	Label	Description	Format Text
recurrence_differentiation	Recurrence: Differentiation	Cell type= SQU: 1 = Well Differentiated 2 = Moderately Differentiated 3 = Poorly Differentiated ADN: 1 = Well Differentiated 2 = Moderately Differentiated 3 = Poorly Differentiated 4 = Bronchiolo-Alveolar ULG: 1 = Solid C Mucin 2 = Solid S Mucin 3 = Giant Cell 4 = Clear Cell 5 = Combination Solid S Mucin And Clear Cell USM: 1 = Fusiform 2 = Polygonal 3 = Lymphocyte/Oat Cell 4 = Other -- Not Given	Numeric .M="Missing"
recurrence_site	Recurrence: Site Of Recurrence		.M="Missing" 0="Stump" 1="Lung, Same" 2="Lung, Other" 3="Nodes, Mediastinal" 4="Nodes, Other" 5="Brain" 7="Hepatic" 8="Cutaneous" 9="Effusion" 10="Other" 11="Multiple" 12="Chest Wall" 99="Unknown"
recurrence_treatment	Recurrence: Type Of Treatment		.M="Missing" 0="Not Advised" 1="Refuse" 3="Surgery For Cure" 5="Radiotherapy" 6="Chemotherapy" 7="Radio And Chemo" 8="Other"
recurrence_treatment_dt	Recurrence: Treatment Date		SAS Date .E="Erroneous Date" .M="Missing"

Section 12: Clinical - Other

Variable	Label	Description	Format Text
clin_age_at_death	Age At Death		Numeric .M="Missing"
clin_age_at_therapy	Age At Therapy		Numeric .M="Missing"
clin_famhist_lung	Family History Of Cancer?		.M="Missing" 0="No" 1="Yes" 9="Unknown"
clin_lastcontactdt	Date Of Death Or Last Contact		SAS Date .M="Missing"
clin_months_since_last_visit	Months Since Last Visit		.M="Missing" 0="Less Than 15" 1="15 Or More"
clin_other	Other		.M="Missing" 0="No" 1="Yes"
clin_race	Race		.M="Missing" .U="Undocumented Value" 2="Black"
clin_refused_orig_workup	Refused Original Work-up?		.M="Missing" 0="No" 1="Yes"
clin_sequence	Sequence Number		Numeric .M="Missing"

Section 13: Death

Variable	Label	Description	Format Text
age_at_death	Age At Death		Numeric .M="Missing"
autopsy	Was An Autopsy Performed?		.M="Missing" 0="No" 1="Yes" 9="Unknown"
cod_primary	Primary Cause Of Death	ICDA Code - 8th Revision	Char
cod_secondary	Secondary Cause Of Death	ICDA Code - 8th Revision	Char
cod_underlying	Underlying Cause Of Death	ICDA Code - 8th Revision	Char
cod_underlying_best	Underlying Cause Of Death - Best Information	ICDA Code - 8th Revision	Char
death_dt	Date Of Death		SAS Date .M="Missing"
entry_to_death_months	Number Of Months From Initial Screening To Death	Death Card Sequence	Numeric .M="Missing"
future_review	Future Review		.M="Missing" 0="No" 1="Yes" 9="Unknown"
has_autopsy_rep	Has: Autopsy Report		.M="Missing" 0="No" 1="Yes" 9="Unknown"
has_cyto	Has: Cytology Or Tissue Slides		.M="Missing" 0="No" 1="Yes" 9="Unknown"
has_death_cert	Has: Death Certificate		.M="Missing" 0="No" 1="Yes" 9="Unknown"
has_family_corresp	Has: Family Correspondence		.M="Missing" 0="No" 1="Yes" 9="Unknown"
has_hospital_rep	Has: Hospital Report		.M="Missing" 0="No" 1="Yes" 9="Unknown"
has_physician_summary	Has: Attending Physician Summary		.M="Missing" 0="No" 1="Yes" 9="Unknown"

Variable	Label	Description	Format Text
has_xray_film	Has: X-ray Films		.M="Missing" 0="No" 1="Yes" 9="Unknown"
mort_conf_class	Final Classification From Mortality Conference		.M="Missing" 12="First Lung Cancer Was Cured; Died From A 2nd Lung Cancer" 13="Lung Cancer Present - Death From Primary Lung Cancer" 14="Lung Cancer Probable - Death From Primary Lung Cancer" 22="Lung Cancer Not Present - Death Related To Study Initiated Procedures" 23="Lung Cancer Present - Death Related To Study Initiated Procedures" 24="Lung Cancer Probable - Death Related To Study Initiated Procedures" 31="Lung Cancer Never Confirmed - Death From Other Causes" 32="Lung Cancer No Longer Present - Death From Other Causes" 33="Lung Cancer Present - Death From Other Causes" 34="Lung Cancer Probable - Death From Other Causes" 35="Cancer In Thorax (Not Primary) - Death From Other Causes" 36="Second Lung Cancer Present - Death From Other Causes"
mort_conf_dt	Date Of Mortality Conference		SAS Date .M="Missing"
review_final_class	Final Review Classification		.M="Missing" 13="Lung Cancer Present - Death From Primary Lung Cancer" 31="Lung Cancer Never Confirmed - Death From Other Causes" 35="Cancer In Thorax (Not Primary) - Death From Other Causes"