

John Hopkins Lung Project (JHLP) - JHLP Person Data Dictionary

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Document Summary

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John Hopkins Lung Project (JHLP) - JHLP Person
04/18/2024
Dataset: jhlp_prsn_04162024

John Hopkins Lung Project (JHLP) - JHLP Person

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" 9="Not Given"
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" 0="Eligible, Usual Case" 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 9999="Unknown"
entry_final_mn	Interval Between Entry and Death or Last Follow-up (In Months)		Numeric 999="Unknown"
final_days	Date of Death or Last Follow-up		Numeric
last_contact_mn	Month Of Last Contact		Numeric
last_contact_yr	Year Of Last Contact		Numeric

Variable	Label	Description	Format Text
participation	Participation		.M="Missing" 1="Participating" 10="Participating, Will Not Use Mail-In Cup" 11="Participating By Mail" 12="Participating, Will Use Cups But Cannot Come In For A Visit" 14="Temporary Dropout" 15="Temporarily Lost To Follow-Up" 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"
phase1_num	Phase 1 Number		Numeric .M="Missing" .U="Undocumented Value"
spec_surveil	Special Surveillance		.M="Missing" 0="Routine Participant" 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" 9="Soft Palate" 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_days	Days from Entry Date to Date Of Diagnosis		Numeric
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"

Variable	Label	Description	Format Text
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_days_1-30	Visit Days		Numeric
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" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_back_asbestos bodies_1-30	Background Asbestos Bodies		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_back_blood_1-3 0	Background Blood		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_back_cursch_s piral_1-30	Background Curschmann Spirals		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"

Variable	Label	Description	Format Text
fup_back_viral_1-30	Background Viral Evidence		.M="Missing" .N="N/A" 0="None" 1="Minimal" 2="Significant" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_canc_foot_1-30	Cancer Footnote		Char
fup_cancersince _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"
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" 0="No" 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" 9="Unknown"

Variable	Label	Description	Format Text
fup_virus_1-30	Have Virus?		.M="Missing" .N="N/A" 0="No" 1="Yes" 9="Unknown"
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" 9="Acute Infiltrate" 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" 8="Lost Became Negative" 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" 0="No Carcinoma" 1="Squamous, In Situ" 2="Squamous, Ins/Inv" 3="Squamous, Invasive" 4="Adenocarcinoma" 5="Large Cell, Undifferentiated" 6="Small Cell, Undifferentiated" 7="Mixed" 8="Unclassified" 9="Other"
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" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
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" 24="Hanks Induction Only - Randomized" 25="Hanks Induct And Post Cup - Randomized" 26="Saline Induction Only - Randomized" 27="Saline Induct And Post Cup - Randomized" 28="Induction Only" 29="Induction And Post Cup Combined" 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" 6="UNSATISFACTORY" 9="NO SUMMARY REPORT"

Variable	Label	Description	Format Text
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" 9="No Cytology"
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" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
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" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_epith_atypia_squ_1-30	Epithelial Atypia Squamous		.M="Missing" .N="N/A" 0="No Evidence" 1="Fringe" 2="Slight" 3="Moderate" 4="Grave" 9="No Cytology Specimen Or Unknown If Cytology Result Is Specified"
fup_oral_exam_1-30	Oral Examination		.N="N/A" 0="None" 1="Requested, Not Done" 2="Requested, Done"

Section 10: Clinical - Cancer Details

Variable	Label	Description	Format Text
clin_addrad_aprival	Additional Radiographic Studies - Requested At The Time Of A Sus X-Ray And Resulting In A San: Apical Lordotic		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
clin_addrad_ctscan	Additional Radiographic Studies - Requested At The Time Of A Sus X-Ray And Resulting In A San: CT Scan		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy 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" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
clin_addrad_tomograph	Additional Radiographic Studies - Requested At The Time Of A Sus X-Ray And Resulting In A San: Tomography		.M="Missing" 0="No Lesions" 1="Lesion Detected" 2="Adenopathy Detected" 3="Both"
clin_adenopathy	Adenopathy		.M="Missing" 0="No" 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" 9="Unknown"
clin_atelectasis	Atelectasis		.M="Missing" 0="No" 1="Yes" 9="Unknown"
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" 11="X-Ray Or Clinical Picture Only - No Cyto Or Path"

Variable	Label	Description	Format Text
clin_biopsy_complic	Needle Biopsy: Complications		.M="Missing" 0="No" 1="Yes"
clin_biopsy_cytopath	Needle Biopsy: 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_biopsy_histo	Needle Biopsy: Histopathology		.M="Missing" 0="NEG" 1="SQU" 2="ADN" 3="ULG" 4="USM" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
clin_biopsy_number_of_diagnosis	Needle Biopsy: Number Before Diagnosis		Numeric .M="Missing"
clin_broncho_anesthesia	Bronchoscopy: Anesthesia		.M="Missing" 0="Topical" 1="General" 9="Unknown"
clin_broncho_cytopath	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" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"

Variable	Label	Description	Format Text
clin_broncho_num	Bronchoscopy: Number Required		Numeric .M="Missing"
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" 0="Not Advised" 1="Refused" 2="Deferred" 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_days	Days From Entry Date To Date Of Detection		Numeric
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_diagdays	Days From Entry Date To Date Of Diagnosis		Numeric

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" 9="Unknown"
clin_greatest_tumor_size_mm	Size Of Tumor (mm)		Numeric .M="Missing"
clin_inci_prev	Incidence/Prevalence		.M="Missing" 1="Prevalence" 2="Incidence" 3="New Primary"
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_days	Days From Entry Date To Date Of Last Negative Cytology Before Detection		Numeric
clin_last_neg_xray_days	Days From Entry Date To Date Of Last Negative X-Ray Before Detection		Numeric
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"

Variable	Label	Description	Format Text
clin_lobe	Lobe		.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_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" 6="OTH" 7="NO BX" 8="SUSP, Marked" 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_metastases	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 (Screening 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"

Variable	Label	Description	Format Text
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"
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" 5="MIX" 6="OTH" 7="NO BX" 8="SUSP, Marked" 9="Unknown"
clin_pneumonitis	Pneumonitis		.M="Missing" 0="No" 1="Yes" 9="Unknown"
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" 8="Other" 9="Unknown"

Variable	Label	Description	Format Text
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"
clin_resect_type	Type Of Resection		.M="Missing" 0="None" 1="RUL" 2="RML" 3="RLL" 4="LUL" 5="LIN" 6="LLL" 7="RU,RML" 8="RM,RLL" 9="LU,LIN" 10="LL,LIN" 11="R Pneumonectomy" 12="L Pneumonectomy" 13="Other" 99="Unknown"
clin_site	Site		.M="Missing" 1="Lung" 2="Trachea" 3="Larynx" 4="Pharynx" 5="Tongue" 6="Other Oral" 7="Unconfirmed"
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"

Variable	Label	Description	Format Text
clin_surg_comp	Complication Of Surgery		.M="Missing" 0="None" 1="Wound Infection" 2="Pneumonia" 3="Pneumonia And Empyema" 4="Respiratory Failure" 5="Heart Failure" 6="Pulmonary Embolism" 7="Heart Attack" 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" 9="Unknown"
clin_therapy	Therapy		.M="Missing" 1="Lobectomy" 2="Pneumonectomy" 3="Thoracotomy S Resection" 4="Inoperable" 5="Refused" 6="Not Recommended"
clin_therapydays	Days From Entry Date To Date Of Therapy		Numeric
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" 5="TX" 9="No Primary Tumor"

Variable	Label	Description	Format Text
clin_tumor_assess	Tumor 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_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"
clin_tumorpath_visceralpleura	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)"

Variable	Label	Description	Format Text
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" 2="SEG" 3="SUP" 4="SUS" 5="SAN" 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" 5="MIX" 6="OTH" 7="MUL" 9="Unknown"
recurrence_confirm	Recurrence: How Confirmed		.M="Missing" 0="Not Advised" 1="Refused" 2="Deferred" 3="X-Ray And Cytology" 4="Bronchoscopy" 5="Needle BX" 6="Mediastinoscopy" 7="Thoracotomy" 8="Other" 9="Unknown"
recurrence_det_mode	Recurrence: Mode Of Detection		.M="Missing" 0="Routine Cytology" 1="Mod Follow-Up (Cytology)" 2="Routine X-Ray" 3="Sup1 Follow-Up" 4="Sup2 Follow-Up" 5="Both (Screening Group Only)" 6="Interval X-Ray" 7="Interval Symptoms" 8="Interval Death" 9="Post X-Ray"
recurrence_detect_days	Recurrence: Days From Entry Date To Date Of Detection		Numeric
recurrence_diag_days	Recurrence: Days From Entry Date To Date Of Diagnosis		Numeric

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" 6="Bone" 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" 2="Deferred" 3="Surgery For Cure" 4="Incomplete Resection" 5="Radiotherapy" 6="Chemotherapy" 7="Radio And Chemo" 8="Other" 9="Unknown"
recurrence_treatment_days	Recurrence: Treatment Date		Numeric

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_lastcontactdays	Date Of Death Or Last Contact		Numeric
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" 9="Unknown"
clin_race	Race		.M="Missing" .U="Undocumented Value" 1="White" 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_days	Date Of Death		Numeric
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" 21="Lung Cancer Not Confirmed - Death Related To Study Initiated Procedures" 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" 25="Cancer In Thorax (Not Primary) - 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_days	Date Of Mortality Conference		Numeric

Variable	Label	Description	Format Text
review_final_class	Final Review Classification		.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" 21="Lung Cancer Not Confirmed - Death Related To Study Initiated Procedures" 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" 25="Cancer In Thorax (Not Primary) - 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"