

NLST Lung Cancer: Data Dictionary

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Document Summary

Property	Value
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NLST Lung Cancer: Data Dictionary

Section 1: Study

Variable	Label	Description	Format Text
dataset_version	Date Stamp for Datasets		Char, 23
pid	Participant Identifier	A unique identifier given to each participant. For LSS participants, pid has a format of 1xx,xxx, while for ACRIN participants, pid has a format of 2xx,xxx.	Numeric

Section 2: Lung Cancer

Variable	Label	Description	Format Text
candx_days	Days from randomization to diagnosis of lung cancer		Numeric
clinical_m	Clinical M for staging	Clinical M code for staging (AJCC 6).	.M="Missing" 0="M0" 100="M1" 999="MX"
clinical_m_7thed	AJCC 7th edition staging clinical M component		.M="Missing" 0="M0" 100="M1" 110="M1a" 120="M1b" 999="MX"
clinical_n	Clinical N for staging	Clinical N code for staging (AJCC 6).	.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
clinical_n_7thed	AJCC 7th edition staging clinical N component		.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
clinical_stag	Clinical Stage	Clinical stage of lung cancer (AJCC 6).	.M="Missing" 110="Stage IA" 120="Stage IB" 210="Stage IIA" 220="Stage IIB" 310="Stage IIIA" 320="Stage IIIB" 400="Stage IV" 888="TNM not available" 900="Occult Carcinoma" 994="Carcinoid, cannot be assessed" 999="Unknown, cannot be assessed"
clinical_t	Clinical T for staging	Clinical T code for staging (AJCC 6).	.M="Missing" 100="T1" 200="T2" 300="T3" 400="T4" 999="TX"
clinical_t_7thed	AJCC 7th edition staging clinical T component		.M="Missing" 110="T1a" 120="T1b" 200="T2" 210="T2a" 220="T2b" 300="T3" 400="T4" 999="TX"

Variable	Label	Description	Format Text
de_grade	Lung Cancer Grade	Lung cancer grade. For ACRIN, this is the ICD-O-3 grade. For LSS, this comes from a separate question on the DE form.	1="Grade Cannot be Assessed" 2="Well Differentiated (G1)" 3="Moderately Differentiated (G2)" 4="Poorly Differentiated (G3)" 5="Undifferentiated (G4)" 6="Unspecified in Pathology Report" 8="Unknown" 9="Missing"
de_stag	Stage ("Best": Path if avail., else Clin)	Lung cancer stage (AJCC 6), combining clinical and pathologic staging information.	.M="Missing" 110="Stage IA" 120="Stage IB" 210="Stage IIA" 220="Stage IIB" 310="Stage IIIA" 320="Stage IIIB" 400="Stage IV" 888="TNM not available" 900="Occult Carcinoma" 994="Carcinoid, cannot be assessed" 999="Unknown, cannot be assessed"
de_stag_7thed	AJCC 7th edition stage	Stage of first primary lung cancer, based on AJCC 7th edition stage	.M="Missing" 110="Stage IA" 120="Stage IB" 210="Stage IIA" 220="Stage IIB" 310="Stage IIIA" 320="Stage IIIB" 400="Stage IV" 888="TNM not available" 900="Occult Carcinoma" 999="Unknown, cannot be assessed"
de_type	ICD-O-3 Morphology (from histology)	Lung cancer type from ICD-O-3 morphology. For LSS participants, this is recorded separately from the complete ICD code, and represents the best information available on the type of the cancer.	Numeric .M="Missing"
first_ic	Is this cancer the first lung cancer diagnosed?	Is this cancer the first lung cancer diagnosed? Participants with multiple primary lung cancers will have a separate record included in this dataset for each cancer.	0="No" 1="Yes"
ic_behav	ICD-O-3 Behavior	ICD-O-3 behavior of lung cancer.	1="Borderline Malignancy" 3="Invasive" 6="Metastatic"
ic_grade	ICD-O-3 Grade	ICD-O-3 grade of lung cancer.	1="Well Differentiated: Grade I" 2="Moderately Differentiated: Grade II" 3="Poorly Differentiated: Grade III" 4="Undifferentiated: Grade IV" 9="Unknown"
ic_morph	ICD-O-3 Morphology	ICD-O-3 morphology of lung cancer.	Numeric

Variable	Label	Description	Format Text
lc_order	Order of this lung cancer among all lung cancers for this participant	The order of this lung cancer among all lung cancers for this participant. Order is from earliest to latest.	Numeric
lc_topog	ICD-O-3 Topography	ICD-O-3 topography of lung cancer.	Char, 5
lesionsize	Tumor size (mm) - Pathology		Numeric .M="Missing"
loccar	Location : Carina	Was the primary tumor located in the carina? A tumor may be located in more than one location.	0="No" 1="Yes"
loc hil	Location : Left hilum	Was the primary tumor located in the left hilum? A tumor may be located in more than one location.	0="No" 1="Yes"
loc ling	Location : Lingula	Was the primary tumor located in the lingula? A tumor may be located in more than one location.	0="No" 1="Yes"
loc llow	Location : Left lower lobe	Was the primary tumor located in the left lower lobe? A tumor may be located in more than one location.	0="No" 1="Yes"
loc lmsb	Location : Left main stem bronchus	Was the primary tumor located in the left main stem bronchus? A tumor may be located in more than one location.	0="No" 1="Yes"
loc up	Location : Left upper lobe	Was the primary tumor located in the left upper lobe? A tumor may be located in more than one location.	0="No" 1="Yes"
loc med	Location : Mediastinum	Was the primary tumor located in the mediastinum? A tumor may be located in more than one location.	0="No" 1="Yes"
loc oth	Location : Other	Was the primary tumor located in an other specified location? A tumor may be located in more than one location.	0="No" 1="Yes"
loc rhil	Location : Right hilum	Was the primary tumor located in the right hilum? A tumor may be located in more than one location.	0="No" 1="Yes"
loc rlow	Location : Right lower lobe	Was the primary tumor located in the right lower lobe? A tumor may be located in more than one location.	0="No" 1="Yes"

Variable	Label	Description	Format Text
locrmid	Location : Right middle lobe	Was the primary tumor located in the right middle lobe? A tumor may be located in more than one location.	0="No" 1="Yes"
locrmsb	Location : Right main stem bronchus	Was the primary tumor located in the right main stem bronchus? A tumor may be located in more than one location.	0="No" 1="Yes"
locrup	Location : Right upper lobe	Was the primary tumor located in the right upper lobe? A tumor may be located in more than one location.	0="No" 1="Yes"
locunk	Location : Unknown	Was the primary tumor located in an unknown location? A tumor may be located in more than one location.	0="No" 1="Yes"
path_m	Pathologic M for staging	Pathologic M code for staging (AJCC 6).	.M="Missing" 0="M0" 100="M1" 999="MX"
path_m_7thed	AJCC 7th edition staging path M component		.M="Missing" 0="M0" 100="M1" 110="M1a" 120="M1b" 999="MX"
path_n	Pathologic N for staging	Pathologic N code for staging (AJCC 6).	.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
path_n_7thed	AJCC 7th edition staging path N component		.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
path_stag	Pathologic Stage	Pathologic stage of lung cancer (AJCC 6).	.M="Missing" 110="Stage IA" 120="Stage IB" 210="Stage IIA" 220="Stage IIB" 310="Stage IIIA" 320="Stage IIIB" 400="Stage IV" 888="TNM not available" 900="Occult Carcinoma" 994="Carcinoid, cannot be assessed" 999="Unknown, cannot be assessed"

Variable	Label	Description	Format Text
path_t	Pathologic T for staging	Pathologic T code for staging (AJCC 6).	.M="Missing" 100="T1" 200="T2" 300="T3" 400="T4" 999="TX"
path_t_7thed	AJCC 7th edition staging path T component		.M="Missing" 110="T1a" 120="T1b" 200="T2" 210="T2a" 220="T2b" 300="T3" 400="T4" 999="TX"
source_best_stage	Source of "best" stage (de_stag)	Describes whether the TNM components used to make the "best" stage variable (de_stag) were pathologic, clinical, a combination, or unavailable for some reason.	1="Pathological" 2="Clinical" 3="Mixture" 5="Reporting stage only" 6="Stage cannot be assessed" 94="Carcinoid, stage cannot be assessed" 98="TNM not available" 99="Missing TNM"
stage_only	Stage Only (if separate T, N, & M not available)	Provides stage when separate TNM information is not available. For all ACRIN lung cancers, this question was completed, i.e. not missing. For LSS lung cancers, this question was not expected to be completed unless T/N/M components of pathologic stage were unavailable.	.M="Missing" 110="Stage IA" 120="Stage IB" 210="Stage IIA" 220="Stage IIB" 310="Stage IIIA" 320="Stage IIIB" 400="Stage IV" 888="TNM not available" 910="No evidence of tumor"
stage_sum	Summary staging	Summary staging. For all ACRIN lung cancers, this question was completed, i.e. not missing. For LSS lung cancers, this question was not expected to be completed unless T/N/M components of pathologic stage were unavailable.	.M="Missing" 1="Localized" 2="Regional" 3="Distant" 4="Not available"
study_yr	Study Year of Diagnosis		0="T0" 1="T1" 2="T2" 3="T3" 4="T4" 5="T5" 6="T6" 7="T7"

Variable	Label	Description	Format Text
topog_source	Source of samples for ICD-O-3 code	Indicates the source of information used to determine the ICD-O-3 code.	.M="Missing" 1="Cytology" 2="Histology" 3="Combined" 4="Clinical (LSS only)"
valcsg	VALCSG Stage (Small cell only)	VALCSG staging for small cell lung cancers. For all ACRIN lung cancers, this question was completed, i.e. not missing, (even if they were not small cell cancers).	.M="Missing" 1="Limited" 2="Extensive" 3="Not available"