

# 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

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Variable	Label	Description	Format Text
<b>dataset_version</b>	Date Stamp for Datasets		Char, 23
<b>pid</b>	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
<b>candx_days</b>	Days from randomization to diagnosis of lung cancer		Numeric
<b>clinical_m</b>	Clinical M for staging	Clinical M code for staging (AJCC 6).	.M="Missing" 0="M0" 100="M1" 999="MX"
<b>clinical_m_7thed</b>	AJCC 7th edition staging clinical M component		.M="Missing" 0="M0" 100="M1" 110="M1a" 120="M1b" 999="MX"
<b>clinical_n</b>	Clinical N for staging	Clinical N code for staging (AJCC 6).	.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
<b>clinical_n_7thed</b>	AJCC 7th edition staging clinical N component		.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
<b>clinical_stag</b>	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"
<b>clinical_t</b>	Clinical T for staging	Clinical T code for staging (AJCC 6).	.M="Missing" 100="T1" 200="T2" 300="T3" 400="T4" 999="TX"
<b>clinical_t_7thed</b>	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
<b>de_grade</b>	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"
<b>de_stag</b>	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"
<b>de_stag_7thed</b>	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"
<b>de_type</b>	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"
<b>first_ic</b>	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"
<b>lc_behav</b>	ICD-O-3 Behavior	ICD-O-3 behavior of lung cancer.	1="Borderline Malignancy" 3="Invasive" 6="Metastatic"
<b>lc_grade</b>	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"
<b>lc_morph</b>	ICD-O-3 Morphology	ICD-O-3 morphology of lung cancer.	Numeric

Variable	Label	Description	Format Text
<b>lc_order</b>	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
<b>lc_topog</b>	ICD-O-3 Topography	ICD-O-3 topography of lung cancer.	Char, 5
<b>lesionsize</b>	Tumor size (mm) - Pathology		Numeric .M="Missing"
<b>locar</b>	Location : Carina	Was the primary tumor located in the carina? A tumor may be located in more than one location.	0="No" 1="Yes"
<b>lochlil</b>	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"
<b>loclin</b>	Location : Lingula	Was the primary tumor located in the lingula? A tumor may be located in more than one location.	0="No" 1="Yes"
<b>locllow</b>	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"
<b>locmsb</b>	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"
<b>loclop</b>	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"
<b>locmed</b>	Location : Mediastinum	Was the primary tumor located in the mediastinum? A tumor may be located in more than one location.	0="No" 1="Yes"
<b>locoth</b>	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"
<b>locrhil</b>	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"
<b>locrlow</b>	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
<b>locrmid</b>	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"
<b>locrmsb</b>	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"
<b>locrup</b>	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"
<b>locunk</b>	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"
<b>path_m</b>	Pathologic M for staging	Pathologic M code for staging (AJCC 6).	.M="Missing" 0="M0" 100="M1" 999="MX"
<b>path_m_7thed</b>	AJCC 7th edition staging path M component		.M="Missing" 0="M0" 100="M1" 110="M1a" 120="M1b" 999="MX"
<b>path_n</b>	Pathologic N for staging	Pathologic N code for staging (AJCC 6).	.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
<b>path_n_7thed</b>	AJCC 7th edition staging path N component		.M="Missing" 0="N0" 100="N1" 200="N2" 300="N3" 999="NX"
<b>path_stag</b>	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
<b>path_t</b>	Pathologic T for staging	Pathologic T code for staging (AJCC 6).	.M="Missing" 100="T1" 200="T2" 300="T3" 400="T4" 999="TX"
<b>path_t_7thed</b>	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"
<b>source_best_stage</b>	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"
<b>stage_only</b>	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"
<b>stage_sum</b>	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"
<b>study_yr</b>	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
<b>topog_source</b>	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)"
<b>valcsg</b>	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"