NLST Chest X-Ray Comparison Read Abnormalities: Data Dictionary

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NLST Chest X-Ray Comparison Read Abnormalities: 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: Abnormalities from XRY comparison read

Variable	Label	Description	Format Text
study_yr	Study Year of Screen		0="T0" 1="T1" 2="T2"
visible_days	Days from randomization date to earliest date visible	The days from randomization until the earliest date this abnormality was visible. This is completed only for pre-existing abnormalities.	Numeric .M="Missing" .N="Not Applicable"
xry_ab_attn	Interval suspicious change in attenuation	Did the abnormality have an interval suspicious change in attenuation, for non-calcified nodules or masses?	.N="Not applicable" 1="No" 2="Yes" 9="Unable to determine"
xry_ab_code	Abnormality code number	The type of the abnormality. This should be equal to xry_ab_desc for the corresponding abnormality in the Chest X-Ray Abnormality dataset (linked by xry_ab_num). Note that the LSS screening forms use a different numbering system than what is used in this variable.	51="Non-calcified nodule or mass" 53="Benign lung nodule(s) (benign calcification)" 54="Atelectasis, segmental or greater" 55="Pleural thickening or effusion" 56="Non-calcified hilar/mediastinal adenopathy or mass (>= 10 mm on short axis)" 57="Chest wall abnormality (bone destruction, metastasis, etc.)" 58="Consolidation" 59="Emphysema" 60="Significant cardiovascular abnormality" 61="Reticular/reticulonodular opacities, honeycombing, fibrosis, scar" 62="6 or more nodules, not suspicious for cancer (opacity >= 4 mm)" 63="Other potentially significant abnormality above the diaphragm" 64="Other potentially significant abnormality below the diaphragm" 65="Other minor abnormality noted"
xry_ab_gwth	Interval growth of abnormality (code 51 only)	Did the abnormality have interval growth, for non-calcified nodules or masses?	.N="Not applicable" 1="No" 2="Yes" 9="Unable to determine"
xry_ab_invg	Interval change warrants further investigation (for oth. sig. abn. only)	Does interval change in the abnormality warrant further investigation, for significant abnomalities other than non-calcified nodules or masses?	.N="Not applicable" 1="No" 2="Yes" 9="Unable to determine"

Variable	Label	Description	Format Text
xry_ab_num	Abnormality number (unique identifier)	A number assigned to each abnormality. This starts at 1 for each participant for each study year, and counts up for each additional abnormality that participant has in that study year. Along with pid and study_yr, this can be used to match records in this dataset to records in the main Chest X-Ray Abnormality dataset.	Numeric
xry_ab_preexist	Was abnormality pre-existing?	Was the abnormality pre-existing?	1="No" 2="Yes" 9="Unable to determine"