Document Control
Version Number: 1.0.1
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Status: Implementation

COLOUR KEY
Patient Administrative Information
Screening Request
Care Contact and Activities
Clinical Terminology such as SNOMED CT

Format Key:
- Mandatory fields within the table are denoted in **bold**
- Bold arrows denote the common 'patient-referral-contact-activity' backbone structure across NHS England data sets
- A none to many relationship between tables is indicated by '*'
- A one to many relationship between tables is indicated by '1..*'
- A one to one relationship between tables is indicated by '1'

Lung Cancer Screening Data Set (LCSDS) v1.0 – Data Model

NHS England

LCS000 Header

Data Set Version Number
Organisation Identifier (Code of Provider)
Organisation Identifier (Code of Submitting Organisation)
Primary Data Collection System In Use
Reporting Period Start Date
Reporting Period End Date
Date and Time Data Set Created

LCS901 Staff Details

PK	**Care Professional Local Identifier**
	Care Professional Staff Group (Lung Cancer Screening)
	Professional Registration Issuer Code
	Professional Registration Entry Identifier

LCS002 GP Practice Registration

FK1	**Local Patient Identifier (Extended)**
	General Medical Practice (Patient Registration)
	Start Date (GMP Patient Registration)
	End Date (GMP Patient Registration)

1..*

LCS003 Finding

FK1	**Local Patient Identifier (Extended)**
	Coded Finding Timestamp
	Coded Finding (SNOMED CT)

LCS004 Observation

FK1	**Local Patient Identifier (Extended)**
	Coded Observation Timestamp
	Coded Observation (SNOMED CT)
	Observation Value
	Unit of Measurement (UCUM)

LCS001 Patient Demographics

PK	**Local Patient Identifier (Extended)**
	Organisation Identifier (Local Patient Identifier)
	Person Birth Date
	NHS Number
	NHS Number Status Indicator Code
	Postcode of Usual Address
	Person Stated Gender Code
	Ethnic Category
	Ethnic Category 2021
	Language Code (Preferred)
	Prisoner Indicator
	Person Death Date

LCS101 Screening Eligibility

PK	**Screening Eligibility Identifier**
FK1	**Local Patient Identifier (Extended)**
	Organisation Identifier (Code of Commissioner)
	Screening Eligibility Confirmation Date
	Lung Cancer Screening Discharge Reason
	Service Discharge Date

LCS102 Onward Referral

FK1	**Screening Eligibility Identifier**
	Onward Referral Date
	Lung Cancer Screening Onward Referral Reason
	Organisation Identifier (Receiving Organisation)

LCS103 Screening Offer

PK	**Screening Offer Identifier**
FK1	**Screening Eligibility Identifier**
	Screening Offer Sent Date
	Screening Offer Type (Lung Cancer Screening)
	Screening Appointment Sent Date
	Screening Offer Communication Mechanism

LCS104 Invitation Reminder

FK1	**Screening Offer Identifier**
	Invitation Reminder Date
	Invitation Reminder Communication Mechanism

LCS105 Screening Outcome

FK1	**Screening Offer Identifier**
	Screening Outcome Date
	Coded Finding (SNOMED CT)

LCS106 Signposting

FK1	**Screening Offer Identifier**
	Coded Procedure Timestamp
	Procedure (SNOMED CT)

LCS107 Coded Scored Assessment (Screening Offer)

FK1	**Screening Offer Identifier**
	Coded Assessment Tool Type (SNOMED CT)
	Person Score
	Assessment Tool Completion Date

LCS201 Care Contact

PK	**Care Contact Identifier**
FK1	**Screening Offer Identifier**
	Care Contact Date
	Care Contact Time
	Consultation Mechanism (Lung Cancer Screening)
	Activity Location Type Code (Lung Cancer Screening)
	Organisation Site Identifier (Of Treatment)
	Attendance Status
	Earliest Clinically Appropriate Date
	Latest Clinically Appropriate Date
	Care Contact Cancellation Date
	Care Contact Cancellation Reason

LCS203 Coded Scored Assessment (Contact)

FK1	**Care Activity Identifier**
	Coded Assessment Tool Type (SNOMED CT)
	Person Score

LCS202 Care Activity

PK	**Care Activity Identifier**
FK1	**Care Contact Identifier**
	Care Professional Local Identifier
	Procedure (SNOMED CT)
	Coded Finding (SNOMED CT)
	Coded Observation (SNOMED CT)
	Observation Value
	Unit of Measurement (UCUM)