

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

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)

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)
Person Death Date

LCS102 Onward Referral
FK1 Screening Eligibility Identifier
Onward Referral Date
Lung Cancer Screening Onward Referral Reason
Organisation Identifier (Receiving Organisation)

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

LCS107 Coded Scored Assessment (Screening Offer)
FK1 Screening Offer Identifier
Coded Assessment Tool Type (SNOMED CT)
Person Score
Assessment Tool Completion Date

LCS203 Coded Scored Assessment (Contact)
FK1 Care Activity Identifier
Coded Assessment Tool Type (SNOMED CT)
Person Score

LCS104 Invitation Reminder
FK1 Screening Offer Identifier
Invitation Reminder Date
Invitation Reminder Communication Mechanism

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

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

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)

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)