

Lung cancer (clinical) NBPDS

Identifying and definitional attributes

Metadata item type: Data Set Specification

METEOR identifier: 599613

Registration status:

- [Health](#), Standard 14/05/2015

DSS type: Data Set Specification (DSS)

Scope: The purpose of the Lung cancer (clinical) National best practice data set (NBPDS) is to define data standards for the national collection of lung cancer clinical data so that data collected is consistent and reliable. Collection of this data set is not mandated but it is recommended as best practice if clinical cancer data are to be collected. It will facilitate more consistent data collection while enabling individual treatment centres or health service areas to develop data extraction and collection processes and policies that are appropriate for their service settings.

The Lung cancer (clinical) NBPDS is used in conjunction with the Cancer (clinical) NBPDS. Mandatory reporting regulations have enabled population-based cancer registries in Australia to collect standard information on all incident cases of cancer apart from non-melanoma skin cancers, from which incidence, mortality and overall survival have been determined and trends monitored. The Cancer (Clinical) NBPDS provides a framework for the collection of more detailed and comprehensive clinical data such as stage of cancer at diagnosis, other prognostic characteristics, cancer treatment and patient outcomes.

The Lung cancer (clinical) NBPDS will support prospective data collection from the time a person with cancer symptoms is referred or first presents to a hospital or specialist through the entire duration of their illness.

The definitions used in this data set are designed to capture the provision of cancer care on a day-to-day level. They relate to the cancer care pathway and the need to optimise care by correctly diagnosing, evaluating and managing patients with cancer. In addition, end-points and patterns of care can be monitored to understand both the appropriateness and effectiveness of cancer care.

The data elements specified provide a framework for:

- promoting the delivery of evidence-based care to patients with cancer
- facilitating the ongoing improvement in the quality and safety of cancer management in treatment settings
- improving the epidemiological and public health understanding of cancer
- informing treatment guidelines and professional education
- guiding resource planning and the evaluation of cancer control activities

They will facilitate the aggregation of data across different treatment centres.

The underlying long-term goal is to provide data support to improve outcomes for patients by increasing the quality and length of life. For example, a comparison of the actual management of patients with best practice guidelines may identify shortfalls in treatment and limitations in access to treatment modalities for some patients.

Collection and usage attributes

Guide for use: The data elements in the Lung cancer (clinical) NBPDS with obligations described as mandatory or conditional for collection are recommended as best practice, while the data items described as optional are for collection at the discretion of the treating centre and may be contingent, for example, on the availability of resources.

Collection methods: This data set is primarily directed at the clinical and clinical epidemiological use of cancer data. Treatment centres such as hospitals, radiotherapy centres and cancer specialist practices are the settings in which implementation of the Lung cancer (clinical) NBPDS should be considered. The data set can also be used by a wider range of health and health-related establishments that create, use, or maintain records on health-care clients.

Comments: *Glossary items*

Glossary terms that are relevant to this data set are included here.

[Address](#)

[Adoption](#)

[Asbestos](#)

[Chemotherapy](#)

[Clinical trial](#)

[Family](#)

[Hormone therapy](#)

[Immunohistochemistry](#)

[Immunotherapy](#)

[Medical imaging](#)

[Molecular pathology](#)

[Palliative care](#)

[Psychosocial services](#)

[Radiotherapy](#)

[Record linkage](#)

[Second-line treatment](#)

[Systemic therapy procedure](#)

Source and reference attributes

Submitting organisation: Cancer Australia

Relational attributes

Related metadata references: See also [Cancer \(clinical\) NBPDS](#)

- [Health](#), Standard 14/05/2015

Supersedes [Lung cancer \(clinical\) DSS](#)

- [Health](#), Superseded 14/05/2015

Metadata items in this Data Set Specification [Show more detail](#)

Seq No.	Metadata item	Obligation	Max occurs
1	Cancer treatment—distance of closest surgical margin, total millimetres N[N]	Conditional	1

2	Cancer treatment—lung cancer surgical margin qualifier, code N[N]	Conditional	1
3	Cancer treatment—radiotherapy target site for lung cancer, code N	Conditional	1
4	Cancer treatment—residual (R) tumour indicator, yes/no code N	Conditional	1
5	Cancer treatment—residual (R) tumour type, code AX	Conditional	1
6	Health service event—first service contact date, DDMMYYYY	Conditional	1
7	Patient—intention of treatment, code N	Mandatory	1
8	Person (address)—country identifier, code (SACC 2011) NNNN	Mandatory	1
9	Person with cancer—basis of diagnostic investigation, code N	Mandatory	1
10	Person with cancer—clinical trial entry status, code N	Optional	1
11	Person with cancer—clinical trial identifier, text X[X(399)]	Conditional	99
12	Person with cancer—comorbidities, Colinet defined comorbidities code N[N]	Mandatory	7
13	Person with cancer—date clinical trial entered, DDMMYYYY	Optional	1
14	Person with cancer—date of referral to palliative care services, DDMMYYYY	Conditional	1
15	Person with cancer—date of referral to psychosocial services, DDMMYYYY	Conditional	1
16	Person with cancer—distant metastatic site(s) at diagnosis, topography code (ICD-O-3) ANN.N	Conditional	99
17	Person with cancer—immunohistochemistry type, text X[X(49)]	Conditional	99
18	Person with cancer—lung cancer immunohistochemistry type, code N[N]	Conditional	9
19	Person with cancer—lung cancer molecular pathology test results, code N[N]	Conditional	14
20	Person with cancer—lymphovascular invasion indicator, yes/no code N	Mandatory	1
21	Person with cancer—lymphovascular invasion type, code N	Conditional	3
22	Person with cancer—molecular pathology indicator, yes/no/unknown code N	Mandatory	1
23	Person with cancer—molecular pathology test date, DDMMYYYY	Conditional	99
24	Person with cancer—molecular pathology test results, (other) code X[X(19)]	Conditional	99
25	Person with cancer—multiple primary tumours descriptor, code N	Conditional	1
26	Person with cancer—multiple primary tumours indicator, yes/no code N	Mandatory	1
27	Person with cancer—performance status score at diagnosis, Eastern Cooperative Oncology Group code N	Mandatory	1
28	Person with cancer—perineural invasion indicator, yes/no/not applicable/not stated/inadequately described code N	Optional	1
29	Person with cancer—psychosocial services type, code N[N]	Optional	1
30	Person with cancer—reason(s) second-line treatment administered, code N	Conditional	4
31	Person with cancer—reason(s) treatment not administered, code N	Optional	6
32	Person with cancer—referral to palliative care services indicator, yes/no/unknown code N	Optional	1
33	Person with cancer—referral to psychosocial services indicator, yes/no/unknown code N	Mandatory	1
34	Person with cancer—second-line treatment intention, code N	Conditional	1
35	Person with cancer—second-line treatment type, code N[N]	Conditional	5
36	Person—asbestos exposure indicator, yes/no/unknown code N	Optional	1
37	Person—asbestos exposure setting, code N	Conditional	1
38	Person—diagnostic imaging type, lung cancer code N[N]	Optional	16
39	Person—Individual Healthcare Identifier, N(16)	Mandatory	1
40	Person—lung cancer diagnostic procedure type, code N[N]	Optional	20
41	Person—number of cigarettes smoked (per day), total N[N]	Conditional	1
42	Person—tobacco product smoked, code N	Conditional	1

43	Person—tobacco smoking duration (daily smoking), total years N[N]	Conditional 1
44	Person—tobacco smoking quit age (daily smoking), total years NN	Conditional 1
45	Person—tobacco smoking start age (daily smoking), total years NN	Conditional 1
46	Person—tobacco smoking status, code N	Mandatory 1
47	Person—unintentional weight loss indicator, yes/no/unknown code N	Mandatory 1