

<p align="center">Office of Compensation Analysis and Support</p> <p align="center">Technical Information Bulletin</p>	<p>Document Number:</p> <p>OCAS-TIB-005</p> <p>Effective Date: 9/05/2003</p> <p>Revision No. 0</p>
<p align="center">DOSE RECONSTRUCTION CANCER DATA REQUIREMENTS</p>	<p>Page 1 of 6</p>
<p>Approval: <u>Signature on File</u> Date: <u>9/05/2003</u> J.W. Neton, Technical Program Manager</p>	<p>Supersedes:</p> <p align="center">None</p>

RECORD OF ISSUE/REVISIONS

ISSUE AUTHORIZATION DATE	EFFECTIVE DATE	REV. NO.	DESCRIPTION
9/05/2003	9/-5/2003	0	New document to establish Energy Employee cancer data requirements for NOCTS and dose reconstruction.

Purpose

This Technical Information Bulletin (TIB) defines NOCTS system requirements and organizational business rules governing the cancer data required to perform dose reconstructions and conduct IREP runs at OCAS and ORAU. Cancer data requirements will ultimately apply to data managed (i.e. entered and quality assured) in NOCTS as well as general data requirements necessary to perform dose reconstruction and run IREP.

Abbreviations

- ANRSD - Amended NIOSH Referral Summary Document
- AR - Administrative Record
- DOB – Date of Birth
- DOD – Date of Death
- DOE – Department of Energy
- DOL – Department of Labor
- DR – Dose Reconstruction
- EE – Energy Employee
- GUI – Graphical User Interface
- IREP - Interactive RadioEpidemiological Program
- NIOSH – National Institute for Occupational Safety and Health
- NOCTS – NIOSH OCAS Claims Tracking System
- NRSD – NIOSH Referral Summary Document
- OCAS – Office of Compensation Analysis and Support
- ORAU – Oak Ridge Associated Universities
- PHA - Public Health Advisor
- QA – Quality Assurance
- TIB – Technical Information Bulletin

1.0 General

1.1 Cancer Data Information Sources:

Energy Employee Cancer Data is referred by the DOL to OCAS. Cancer information may be reported to OCAS on the following AR document types:

- Statement of Accepted Facts (SOAF)

Note: This terminology has been discontinued by DOL and was superceded by the NRSD

- NRSD
- ANRSD
- General Correspondence (i.e. E-mail, Letter)

Note: DOL has lead responsibility to identify and code cancers for purposes of adjudicating claims. Because of this, cancer data provided by DOL should not be reinterpreted by reviewing documents provided by DOL to OCAS upon receipt of the claim or claim supplement. Example documents include pathology reports or EE medical records. If an obvious error is detected (e.g., a cancer listed as secondary with a primary cancer code), these questions are to be forwarded to the appropriate OCAS PHA for DOL inquiry and resolution.

1.2 Acceptable Dose Reconstruction Case Scenarios:

- Case has at least one primary cancer diagnosis
- Case has at least one secondary cancer diagnosis with the primary cancer diagnosis unknown
- Case has at least one primary cancer diagnosis with at least one secondary cancer diagnosis with the primary cancer diagnosis unknown
- Case has unknown primary cancer diagnosis and/or unknown secondary cancer diagnosis (i.e. Malignant neoplasm without specification of site 199.0 / 199.1)

1.3 Unacceptable Dose Reconstruction Case Scenarios:

- Case has at least one primary cancer diagnosis with at least one secondary cancer diagnosis reported as metastases from the identified primary cancer
 - Metastases from the primary cancer are not be to included in the NIOSH DR if primary cancer is known
- Case does not have an acceptable cancer date of diagnosis or an acceptable ICD-9 code

2.0 NOCTS Cancer Data System Requirements

Note: The cancer data described in this TIB have been determined by OCAS as important in the dose reconstruction process for each claim. The NOCTS system, however, currently accepts null inputs so that the claim can be entered into the database without delay. The NOCTS Quality Assurance Application will, however, identify discrepant data when executed by the OCAS PHA. The OCAS PHA will inquire and resolve discrepant data issues with the DOL.

- Level or Cancer Rank
 - Data Type = Small Integer
 - Nulls Allowed in Illnesses Table
 - GUI default = “Primary”
 - NOCTS User List Box Options include:
 - Primary (Field Value =1)
 - Secondary (Field Value =2)
 - Choose Level (Field Value = Null)
- Cancer Type / Description
 - Data Type = nvarchar
 - Nulls Not Allowed in Illnesses Table
 - GUI Allows Nulls
- Date of Cancer Diagnosis
 - Data Type = varchar
 - Nulls Allowed in Illnesses Table
 - GUI Field Restraints
 - MM/DD/YYYY
 - MM/YYYY
 - YYYY
 - Unknown
- ICD-9 Code
 - Data Type = varchar
 - Nulls Allowed in Illnesses Table
 - GUI Field Restraints
 - Field Cannot Be Null

3.0 Dose Reconstruction Cancer Data Requirements

3.1 Cancer Level / Rank

The Cancer Level / Rank field is not required for dose reconstruction because the cancer level / rank can ultimately be determined by the ICD-9 code assigned to the cancer diagnosis by the DOL.

Note: The Cancer Level / Rank field is, however, very helpful in identifying blatant errors in Cancer Data Reporting; thus, cancer rank should be provided and entered accurately within the NOCTS system.

- Acceptable Dose Reconstruction Data
 - Primary
 - Secondary
 - Missing (Blank)

3.2 Cancer Type / Description

Cancer Type / Description is required for dose reconstruction. The cancer type / description field helps identify, further describe, and validate the ICD-9 code assigned to the case.

- The Cancer Type / Description field can help identify cell or tissue type, tumor location, or other characteristics of a malignancy.
- A description of “Unknown” can be used in the Cancer Type / Description field if case has an unknown primary cancer diagnosis and/or unknown secondary cancer diagnosis.

Note: Other words or statements reported by the DOL indicating an unknown cancer may also be used.

- Cancer Type / Description should be entered in NOCTS as reported on DOL generated information sources.

Note: Correct spelling of cancer nomenclature is encouraged, though not required.

3.3 Date of Cancer Diagnosis

Date of Cancer Diagnosis is required for dose reconstruction.

- Acceptable Dose Reconstruction Date Formats
 - MM/DD/YYYY
 - MM/YYYY
 - YYYY
- Date of Cancer Diagnosis cannot be Unknown or Missing
- Date of Cancer Diagnosis cannot be before the EE First Start Date of DOE Employment
- Date of Cancer Diagnosis cannot be before the EE DOB
- Date of Cancer Diagnosis should not be more than 30 days after EE DOD. Dates of Diagnosis more than 30 days after EE DOD should be investigated.

3.4 ICD-9 Code

The ICD-9 Code is required for dose reconstruction.

- Acceptable Dose Reconstruction ICD-9 Code Formats
 - XXX
 - XXX.X
 - XXX.XX
- ICD-9 Code cannot be Unknown, Missing or Coded as 999, 999.9, or 999.99