# NAACCR 2003 Implementation Workgroup Guidelines

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# Introduction

Consensus standards developed through the North American Association of Central Cancer Registries (NAACCR) involve all standard-setting organizations and representatives, including the National Cancer Registrars Association (NCRA). Data transmission standards should be consistently maintained among all hospital and central registries, and should be implemented in a planned and timely manner. As with the introduction of any new set of standards and its potential consequences, implementation must be evaluated by each national program, central cancer registry (CCR), and reporting facility during the planning process. NAACCR's 2003 Implementation Workgroup has been working with the American College of Surgeons' (ACoS) Commission on Cancer (CoC), the National Cancer Institute's (NCI) Surveillance Epidemiology and End Results (SEER) Program, the National Program of Cancer Registries (NPCR), NCRA, CCRs, and cancer registry software vendors to develop an implementation plan to assist cancer registries and help ease the transition from Version 9.1 to Version 10 of the NAACCR Data Exchange and Record Layout standards.

Version 10 of the NAACCR Data Exchange and Record Layout was developed primarily in response to broad changes introduced by CoC's revisions to its data collection and reporting requirements for registries in approved cancer programs, known as the *Facility Oncology Registry Data Standards Manual* (FORDS). Several new data items of interest to other standard-setters were introduced in Version 10, including Latitude, Longitude, two Rural/Urban Continuum fields, and the new Census Tract Certainty 2000 data item. In addition, Version 10 accommodates the data elements necessary to support the Collaborative Stage (CS) schema. Note, however, that the delayed implementation of CS, withheld until January 1, 2004, does not, in and of itself, delay the utilization of Version 10. Between FORDS, CS, and other new data items introduced for 2003, the NAACCR data exchange record absorbed a total of 60 new items and 62 modifications of existing items. Both the CoC requirement revisions and Version 10 of the NAACCR Data Exchange and Record Layout are effective for cases diagnosed on or after January 1, 2003.

A number of items introduced with the publication of FORDS will require the utilization of Version 10 for the transmission of data. This has consequences for the design and application of EDITS as well as data management schemes for hospitals, central registries, standard-setters, and vendors. Reporting facilities should prioritize the abstraction of cases diagnosed on or before December 31, 2002, so that as many as possible are abstracted and entered into their registry before converting their data and/or beginning to use FORDS-compatible software. Completion, or near completion, of all 2002 cases and subsequent conversion should occur as soon as possible for all reporting facilities in 2003. Delays in implementation, including adoption of the Version 10 Data Exchange and Record Layout, forward converting treatment data, and making accommodations for new data items, may result in inconsistent data collection practice, and in some cases, the loss of valuable treatment information.

Revisions to data collection and data system design require close attention to facilitate transition to NAACCR Version 10 in a timely and efficient manner. Recommendations for forward conversions of treatment data items should be reviewed carefully. Refer to individual program and central registry requirements for additional information and guidance.

Information system design modifications and data conversions will be necessary for all data systems to meet the 2003 requirements. NAACCR Record Layout Version 10 and the data collection, data conversion, and file maintenance issues must be addressed by hospital registries and CCRs in addition to vendors who support these registries.

The implementation guidelines in this report describe the NAACCR consensus with specific program implications for registries and vendors working with CoC hospitals as well as the SEER and NPCR Programs. In the future, more explicit input will be sought from the Canadian cancer registries to address other potential needs for additional guidelines.

**Overview**

**Section 1** provides guidance for the forward conversion of cases that were collected under coding rules prior to the implementation of CoC's *FORDS Manual*.

**Section 2** provides guidance for how to abstract and store information on tumors that were diagnosed on or before December 31, 2002, but are not abstracted and coded until after a reporting facility's registry data have been converted to be consistent with FORDS data item and code definitions.

**Section 3** contains policy statements from the three U.S. standard-setting organizations (CoC, SEER, and NPCR).

**Appendix A** provides additional information about the revised standard for the item *Sequence Number--Central* (#380). Note that alphabetic (e.g., AA) sequence numbers will no longer be accepted as valid codes with records that are reported using the Version 10 layout.

**Appendix B** is a review of the use of override flags and case administration items. Careful attention to the data items that indicate what rules were used when abstracting and coding cases becomes more important with every subsequent change in data item and code definitions.

**Appendix C** contains three summaries of the guidelines, specifically aimed at the three main audiences who must implement these changes: (1) central cancer registries, (2) software vendors/developers, and (3) reporting facilities.

**Appendix D** presents errata pages for "Standards for Cancer Registries, Volume II, Data Standards and Data Dictionary, Seventh Edition, Record Layout Version 10." Replacement pages for Chapters VIII, IX, and X, as well as supplemental pages for Chapter XI, are included.

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# Section 1: Forward Code Conversion

The NAACCR 2003 Implementation Workgroup recognizes that preserving the analytic use of data is of utmost importance. Furthermore, the standard-setters are sensitive to the fact that forward conversion may not be appropriate for all convertible items if the longitudinal descriptive power of reported data is to be maintained. To avoid the degradation of data interpretation as a result of conversions made to existing data items, the Workgroup recommends that hospital registries use CoC's *Registry Operations and Data Standards Manual* (ROADS) definitions for data items describing the surgical treatment of patients diagnosed on or before December 31, 2002.

In addition, vendors are advised not to install their FORDS product release until their respective hospital registry clients have completed, or almost completed, their 2002 abstracting and these cases have been entered into the local registry. This will minimize double-coding specific surgery treatment items.

Among the modifications made to the CoC data collection requirements were a number of changes to the items that describe surgical procedures. The forward conversion of cases coded according to pre-2003 rules, from ROADS (pre-2003) to FORDS (2003 and later) standards, will result in the loss of information for the following specified surgery treatment items:

- *RX Summ/Hosp--Surg Prim Site* (#1290 and #670)
  Some pre-2003 codes were not carried over into the 2003+ coding schema. The conversion rules for these site-specific descriptions of surgery of the primary site require that they be combined or collapsed when they are mapped to the 2003+ schema.

- *RX Summ/Hosp--Scope Reg LN Sur* (#1292 and #672)
  The 2003+ coding schema for this item reused pre-2003 codes and associated new descriptions to these codes. The pre-2003 schema was site-specific; therefore, codes were sensitive to the regional nodes associated with particular primary sites. By definition, the forward conversion rules call for many-to-one mapping for this item.

- *RX Summ/Hosp--Reg LN Examined/Removed* (#1296 and #676)
  This item is no longer required to be collected by CoC, but will be collected by SEER for cases coded using the *SEER Program Code Manual, Third Edition*. The conversion rules applied to pre-2003 cases for *RX Summ/Hosp--Scope Reg LN Sur* depend on the availability of information in this item.

- *RX Summ/Hosp--Surg Oth Reg/Dis* (#1294 and #674)
  The 2003+ coding schema for this item reused pre-2003 codes and associated new descriptions to these codes. The pre-2003 schema was site-specific; therefore, codes were sensitive to the regional and distant sites and distant lymph nodes associated with particular primary sites. By definition, the forward conversion rules call for many-to-one mapping for this item.

- *RX Summ--Reconstruct 1st* (#1330)
  This item is no longer required by CoC for cases diagnosed on or after January 1, 2003. However, both CoC and SEER will continue to collect this item for historical cases (those diagnosed on or before December 31, 2002). For these historical cases, SEER only will collect this item for breast primaries. CoC will collect this item for historical cases because the conversion rules applied to pre-2003 cases for *RX Summ/Hosp--Surg Prim Site* depend on the availability of information in this item.

It is important, therefore, that the transition from the use of ROADS and *SEER Program Code Manual, Third Edition* standards to that of FORDS and *SEER Program Code Manual Third Edition, Revision 1,* be managed with care. Specific recommendations for the preservation and conversion of items for each treatment modality are presented in this section.

The CoC forward conversion rules and the computer algorithm—originally released in August 2002, and updated in January 2003, to reflect the recommendations of this Workgroup to facilitate the transition from ROADS to FORDS for hospital/reporting facilities—are available from CoC via the ACoS Web Site at: http://www.facs.org/dept/cancer/ncdb/roadstofords.html. NPCR will release a parallel conversion product that will be designed specifically to accommodate additional requirements of central registries. Information announcing the availability of the NPCR conversion routines will be made using the NAACCR List Serv upon their completion.

**Technical Guidelines: Surgery Items**

Six new data items have been introduced to the NAACCR record specifications and are located at the end of the hospital and summary treatment sections of the NAACCR record layout, using available space in the *Reserved 04* (#750, Columns 478-527) and *Reserved 06* (#1190, Columns 939-987) items. These items will store the respective descriptions of surgical treatment for pre-2003 cases.

NAACCR Version 10 has been expanded to accommodate the six items listed in Table 1. NAACCR Volume II, Version 10 errata pages for these items appear in Appendix D of this document.

**TABLE 1. NAACCR Version 10 Six New Surgery Data Items.**

| Item Names | Column # | Item # | Length |
|---|---|---|---|
| RX Hosp--Surg Site 98-02 | 478-479 | 746 | 2 |
| RX Hosp--Scope Reg 98-02 | 480 | 747 | 1 |
| RX Hosp--Surg Oth 98-02 | 481 | 748 | 1 |
| RX Summ--Surg Site 98-02 | 939-940 | 1646 | 2 |
| RX Summ--Scope Reg 98-02 | 941 | 1647 | 1 |
| RX Summ--Surg Oth 98-02 | 942 | 1648 | 1 |

Prior to the forward conversion of surgery items, code assignment for the six new surgery items should be completed as illustrated in Table 2.

| TABLE 2. Code Assignment of the Six New Surgery Data Items. | | | |
|---|---|---|---|
| **Copy Code Values From the Following Items:** | | **To the Following Items:** | |
| **Item Name** | **Item #** | **Item Name** | **Item #** |
| RX Hosp--Surg Prim Site | 670 | RX Hosp--Surg Site 98-02 | 746 |
| RX Hosp--Scope Reg LN Sur | 672 | RX Hosp--Scope Reg 98-02 | 747 |
| RX Hosp--Surg Oth Reg/Dis | 674 | RX Hosp--Surg Oth 98-02 | 748 |
| RX Summ--Surg Prim Site | 1290 | RX Summ--Surg Site 98-02 | 1646 |
| RX Summ--Scope Reg LN Sur | 1292 | RX Summ--Scope Reg 98-02 | 1647 |
| RX Summ--Surg Oth Reg/Dis | 1294 | RX Summ--Surg Oth 98-02 | 1648 |

Once codes for these new items have been correctly assigned, forward conversion of the surgery items for all cases diagnosed on or before December 31, 2002, can be completed. Codes recorded in the items *RX Hosp--Surg Prim Site* (#670); *RX Hosp--Scope Reg LN Sur* (#672); *RX Hosp--Surg Oth Reg/Dis* (#674); *RX Summ--Surg Prim Site* (#1290); *RX Summ--Scope Reg LN Sur* (#1292); and *RX Summ--Surg Oth Reg/Dis* (#1294) for cases diagnosed on or before December 31, 2002, are retained and copied per the instructions shown in Table 2 above. Each of these historical ROADS surgery items is coded with blank values for cases diagnosed on January 1, 2003, or later. The updated CoC Conversion Rules documents and computer algorithm perform these functions.

After completing the steps described above (copying codes to the six new surgery items and the forward conversion of the surgery items per CoC requirements), the items in the NAACCR Version 10 record layout that describe first-course surgical therapy, by diagnosis date, are shown in Table 3.

| TABLE 3. NAACCR Version 10 Surgery Data Items by Diagnosis Date. | |
|---|---|
| **Surgery Items for All Cases Diagnosed on or Before 12/31/2002:** | |
| **Item Name** | **Item #** |
| RX Hosp--Surg Site 98-02 | 746 |
| RX Hosp--Scope Reg 98-02 | 747 |
| RX Hosp--Reg LN Removed | 676 |
| RX Hosp--Surg Oth 98-02 | 748 |
| RX Summ--Surgical Approch | 1310 |
| RX Summ--Surg Site 98-02 | 1646 |
| RX Summ--Scope Reg 98-02 | 1647 |
| RX Summ--Reg LN Examined | 1296 |
| RX Summ--Surg Oth 98-02 | 1648 |

| TABLE 3. NAACCR Version 10 Surgery Data Items by Diagnosis Date. | |
|---|---|
| **Surgery Items for All Cases Diagnosed on or Before 12/31/2002:** | |
| **Item Name** | **Item #** |
| RX Summ--Surgical Margins | 1320 |
| RX Summ--Reconstruct 1st | 1330 |
| **Surgery Items for All Cases Diagnosed on or After 1/1/2003:** | |
| **Item Name** | **Item #** |
| RX Hosp--Surg Prim Site | 670 |
| RX Hosp--Scope Reg LN Sur | 672 |
| RX Hosp--Surg Oth Reg/Dis | 674 |
| RX Summ--Surg Prim Site | 1290 |
| RX Summ--Scope Reg LN Sur | 1292 |
| RX Summ--Surg Oth Reg/Dis | 1294 |
| RX Summ--Surgical Margins | 1320 |

If cases diagnosed on or before December 31, 2002, are not abstracted and entered into a reporting facility's registry by the time vendors install their FORDS product release, reporting facilities will have to double-code the surgery items appearing in Table 1. For further discussion, see Section 2.

A complete list of treatment items, as required by CoC, NPCR, and SEER, appears in Table 10.

**Technical Guidelines: Radiation Items**

CoC will require that all registries at approved cancer programs implement the forward conversion rules for the items describing administered radiation therapy. The conversion should be applied to all cases without regard to diagnosis date. However, the two items *CoC Coding System--Original* (#2150) and *CoC Coding System--Current* (#2140) must be coded to denote the application of this conversion for cases diagnosed on or before December 31, 2002. The appropriate rules, with a computer algorithm, are available from CoC via the ACoS Web Site at: http://www.facs.org/dept/cancer/ncdb/roadstofords.html. SEER requirements for collecting and reporting radiation therapy remain unchanged for *RX Summ--Radiation* (#1360).

Central registries in states where most hospitals follow CoC rules must be aware that CoC no longer requires collection of the item *RX Summ--Radiation* (#1360). This information can be derived with the CoC-required radiation therapy items using either of two methods: (1) *Rad--Location of RX* (#1550) and *Rad--Regional RX Modality* (#1570) (see p. 46 of the CoC Conversion Rules); or (2) *Rad--Regional RX Modality* (#1570) and *Rad--Boost RX Modality* (#3200). See "Technical Guidelines: Radiation Items" in Section 2 of this document for additional information.

## Technical Guidelines: Systemic Therapy Items

CoC will require that all registries at approved cancer programs implement the forward conversion rules for the items describing administered systemic therapy. However, the two items *CoC Coding System--Original* (#2150) and *CoC Coding System--Current* (#2140) must be coded to denote the application of this conversion for cases diagnosed on or before December 31, 2002. The appropriate rules, with a computer algorithm, are available from CoC via the ACoS Web Site at: http://www.facs.org/dept/cancer/ncdb/roadstofords.html.

SEER will require the forward conversion of items describing administered systemic therapy for all cases coded according to the *SEER Program Code Manual, Third Edition* (see NAACCR Volume II, Version 10, pp. 320, 321, and 323). Because SEER did not adopt use of the *Reason No Therapy* items for the chemotherapy and hormone therapy in 1996, the conversion rules for the *SEER Program Code Manual, Third Edition,* are different than those developed by CoC for conversion from ROADS to FORDS. The forward conversion of systemic therapy items for SEER are specified in Tables 4 through 7.

**TABLE 4. SEER Conversion - Chemotherapy.**

| **RX Summ--Chemotherapy (#1390)** | |
|---|---|
| ***SEER Program Code Manual, Third Edition*** | **Conversion to New RX Summ--Chemotherapy*** |
| 0 | 00 |
| 1 | 01 |
| 2 | 02 |
| 3 | 03 |
| 7 | 87 |
| 8 | 88 |
| 9 | 99 |

*Note: Codes 82, 85, and 86 are invalid for cases using this algorithm.

| TABLE 5. SEER Conversion - Hormone Therapy. | |
|---|---|
| **RX Summ--Hormone Therapy (#1400)** | |
| ***SEER Program Code Manual, Third Edition*** | **Conversion to New RX Summ--Hormone Therapy*** |
| 0 | 00 |
| 1 | 01 |
| 2 | 00 |
| 3 | 01 |
| 7 | 87 |
| 8 | 88 |
| 9 | 99 |

*****Note: Codes 82, 85, and 86 are invalid for cases using this algorithm.

| TABLE 6. SEER Conversion - BRM. | |
|---|---|
| **RX Summ--BRM (#1410)** | |
| ***SEER Program Code Manual, Third Edition**** | **Conversion to New RX Summ--BRM†** |
| 0 | 00 |
| 1 | 01 |
| 2 | 00 |
| 3 | 00 |
| 4 | 00 |
| 5 | 00 |
| 6 | 01 |
| 7 | 87 |
| 8 | 88 |
| 9 | 99 |

*****Note: Codes 2 (bone marrow transplant - autologous); 3 (bone marrow transplant - allogeneic); 4 (bone marrow transplant - NOS); 5 (stem cell transplant); and 6 (combination of BRM and any of codes 2, 3, 4, or 5) are recorded in the new item *Rx Summ--Transplnt/Endocr* (#3250) and are described in Table 7.

†Note: Codes 82, 85, and 86 are invalid for cases using this algorithm.

| TABLE 7. SEER Conversion - Transplant/Endocrine. | | |
|---|---|---|
| ***SEER Program Code Manual, Third Edition*** | | **RX Summ--Transplnt/Endocr (#3250)** |
| **Rx Summ--Hormone*** | **Rx Summ--BRM** | |
| 0, 1, 7,8 | 0,1,7,8 | 00 |
| 0,1, 7, 8, 9 | 2 | 11 |
| | 3 | 12 |
| | 4, 6 | 10 |
| | 5 | 20 |
| 2,3 | 0, 1, 7, 8, 9 | 30 |
| | 2, 3, 4 , 5, 6 | 40 |
| 9 | 0, 1, 7,8 | 00 |
| 0,1,7,8 | 9 | 00 |
| 9 | 9 | 99 |

*Note for SEER: After analysis of data, it was decided that codes 7 and 8 in *RX Summ--Hormone* would be treated as though they only referred to hormonal therapy and not endocrine surgery. Similarly, for *RX Summ--BRM*, codes 7 and 8 would only rarely reflect transplants refused or recommended. Therefore, for SEER, codes 82, 85, 86, 87, and 88 are invalid for cases using this conversion algorithm.

# Section 2: Coding Cases Diagnosed on or Before December 31, 2002

"Straggler" cases diagnosed on or before December 31, 2002, that either remain to be abstracted and entered into hospital registries after the installation of their FORDS software or that are identified after a hospital has started accessioning year 2003 cases, must be coded using the standard coding rules appropriate for the respective diagnosis year. Thus, for "straggler" cases, it will be necessary to manually double-code only the surgery items, as described below.

Supporting both ROADS/*SEER Program Code Manual, Third Edition* treatment items and FORDS/ *SEER Program Code Manual Third Edition Revision 1* treatment items in hospital registries will allow flexibility for hospitals when reporting cases to central registries or standard-setters. The standard-setters clearly define their reporting requirements with respect to first-course treatment items (see Section 3).

**Technical Guidelines: Surgery Items**

Vendors must provide hospital registry clients with the ability to code the surgery items appearing in Table 8 for "straggler" cases.

**TABLE 8. NAACCR Version 10 Surgery Data Items Vendors Must Provide to Clients (Cases Diagnosed on or Before 12/31/02).**

| Item Name | Item # |
|---|---|
| RX Hosp--Surg Site 98-02 | 746 |
| RX Hosp--Scope Reg 98-02 | 747 |
| RX Hosp--Reg LN Removed | 676 |
| RX Hosp--Surg Oth 98-02 | 748 |
| RX Summ--Surgical Approch | 1310 |
| RX Summ--Surg Site 98-02 | 1646 |
| RX Summ--Scope Reg 98-02 | 1647 |
| RX Summ--Reg LN Examined | 1296 |
| RX Summ--Surg Oth 98-02 | 1648 |
| RX Summ--Surgical Margins | 1320 |
| RX Summ--Reconstruct 1st | 1330 |

The allowable code values and definitions for each of these items are identical to those defined for the corresponding items in either ROADS or the *SEER Program Code Manual, Third Edition*.

The changes in the allowable codes for the item *Surg Prim Site* with the introduction of FORDS included the removal of some codes and the addition of new codes and definitions. CoC has developed an Excel spreadsheet containing codes and definitions, by disease site, for both ROADS (pre-2003) and FORDS (2003+) cases. Additionally, this spreadsheet presents the correct display sequence for descriptions of surgical procedures. The spreadsheet is available from CoC via the ACoS Web Site at: http://www.facs.org/dept/cancer/ncdb/roadstofords.html.

With the exception of the specified surgery items, "straggler" cases can be coded to pre-2003 definitions using the 2003+ treatment items. A complete list of treatment items that have one-to-one or many-to-one correspondence from FORDS/SEER codes to ROADS/*SEER Program Code Manual, Third Edition, Revision 1* codes for radiation and systemic therapy items are listed in this section.

**Technical Guidelines: Radiation Items**

- **For CoC:** The item *RX Summ--Radiation* (#1360) will no longer be collected because its code value can be derived from the items *Rad--Location of RX* (#1550) and *Rad--Regional RX Modality* (#1570).

- **For SEER:** The item *RX Summ--Radiation* will continue to be collected. For cases received from CoC-approved cancer programs that do not contain a code for the item *RX Summ--Radiation*, a code value can be derived from the items *Rad--Boost RX Modality* (#3200) and *Rad--Regional RX Modality* (#1570) using the relationships illustrated in Table 9.

**TABLE 9. SEER Conversion - Radiation.**

| Rad--Boost RX Modality | Rad--Regional RX Modality | RX Summ--Radiation |
|---|---|---|
| 00 | 00, 99 | 0* |
| | 20-43 | 1 |
| | 50-55 | 2 |
| | 60-62 | 3 |
| | 80-85 | 4 |
| | 98 | 5 |
| 20-43 | 00, 20-43, 98, 99 | 1 |
| | 50-55, 60-62, 80-85 | 4 |
| 50-55 | 00, 50-55, 98, 99 | 2 |
| | 20-43, 80-85 | 4 |
| | 60-62 | 3 |
| 60-62 | 00, 50-55, 60-62, 98, 99 | 3 |
| | 20-43, 80-85 | 4 |
| 80-85 | 00-99 | 4 |
| 98 | 00, 98, 99 | 5 |
| 98, 99 | 20-43 | 1 |
| | 50-55 | 2 |
| | 60-62 | 3 |
| | 80-85 | 4 |
| | 98 | 5 |
| 99 | 00 | 0* |
| | 99 | 9 |

*Note: If *RX Summ--Radiation* is 0 and *Reason For No Radiation* (#1430) is coded as 7, then code *RX Summ--Radiation* as 7. Also, if *RX Summ--Radiation* is 0 and *Reason No Radiation* is coded as 8, then code *RX Summ--Radiation* as 8.

**Technical Guidelines: Chemotherapy Items**

- **For CoC:** For the items *RX Summ--Chemo* (#1390) and *RX Hosp--Chemo* (#700), use the codes defined in FORDS.

- **For SEER:** For the item *RX Summ--Chemo* (#1390), use the codes defined in the *SEER Program Code Manual, Third Edition, Revision 1*. However, codes 82, 85, and 86 are invalid for cases diagnosed on or before December 31, 2002, and should be reset to 00 for these cases.

**Technical Guidelines: Hormone Therapy Items**

- **For CoC:** For the items *RX Summ--Hormone* (#1400) and *RX Hosp--Hormone* (#710), use the codes defined in FORDS.

- **For SEER:** For the item *RX Summ--Hormone* (#1400), use the codes defined in the *SEER Program Code Manual, Third Edition, Revision 1*. However, codes 82, 85, and 86 are invalid for cases diagnosed on or before December 31, 2002, and should be reset to 00 for these cases.

**Technical Guidelines: Immunotherapy Items**

- **For CoC:** For the items *RX Summ--BRM* (#1410) and *RX Hosp--BRM* (#720), use the codes defined in FORDS.

- **For SEER:** For the item *RX Summ--BRM* (#1410), use the codes defined in the *SEER Program Code Manual, Third Edition, Revision 1*. However, codes 82, 85, and 86 are invalid for cases diagnosed on or before December 31, 2002, and should be reset to 00 for these cases.

# Section 3: NAACCR Version 10 Reporting Requirements

A complete list of data collection requirements for treatment items, as identified by CoC, NPCR, and SEER, appears in Table 10. Refer to NAACCR Volume II, Version 10, Chapter IX: Required Status Table (errata are provided in Appendix D of this document) for specific information regarding standard-setter data reporting requirements. Where necessary, refer to individual program or state central registry requirements for additional information.

CoC, NPCR, and SEER all agree that "straggler" cases must be coded using the standard coding rules for a limited number of surgery items appropriate for the respective diagnosis year. Per CoC reporting requirements, items describing first-course surgery may have to be manually double-coded using FORDS codes and definitions (see Table 8). Items describing first-course radiation and systemic therapy only need to be recorded using FORDS/*SEER Program Code Manual, Third Edition, Revision 1* codes and definitions (see technical guidelines for radiation, chemotherapy, hormone therapy, and immunotherapy items in Section 2).

**Reporting Requirements Statement, CoC:**

Starting with diagnosis year 2003, CoC will require full implementation of the FORDS data collection standards for hospital cancer registries at CoC-approved cancer programs, per NAACCR Volume II, Version 10. Forward conversion of all items identified by CoC (see the conversion tables and computer algorithm, updated since their original release in August 2002, posted on the Web at: http://www.facs.org/dept/cancer/ncdb/roadstofords.html) must be completed before registries use the NAACCR Version 10 data transmission standard.

CoC recognizes that implementation of the diagnosis year 2003 changes may impact the quality and timeliness of data across the entire cancer surveillance community. Although the changes in CoC's data standards may present initial challenges to registries in CoC-approved hospitals, CoC believes that it is necessary to adopt these changes in an expedient manner.

**Reporting Requirements Statement, NPCR:**

For diagnosis year 2003, NPCR requires 5 surgical treatment data items, and 14 additional treatment data items are recommended (see Chapter IX: Required Status Table errata, Appendix D of this document), per NAACCR Volume II, Version 10. At this time, none of the required or recommended treatment data items are included in the NPCR-Cancer Surveillance System data submission. NPCR recognizes that implementation of the diagnosis year 2003 changes will impact the quality and timeliness of data across the entire cancer surveillance community. Although changes to the data items present challenges in these areas, NPCR supports maintaining continuity in the collection of these data and making the conversion as rapidly as possible.

As such, NPCR expects the NPCR-funded registries to adopt the changes described in NAACCR Volume II, Version 10 for cancers diagnosed on or after January 1, 2003 (FORDS). For additional information, please see the August 5, 2002, memorandum titled "Diagnosis Year 2003 and 2004 Guidance—NAACCR Volume II, Version 10." If NPCR registries experience significant delays in

timely receipt of data from the reporting facilities in their states due to FORDS software implementation issues, they should notify their NPCR Project Officer as soon as these delays are identified.

**Reporting Requirements Statement, SEER:**

Following discussions with SEER Principal Investigators and Registry Directors, NCI staff decided that there will be 1 year of transition for the treatment items collected for cases diagnosed in 2003. SEER will allow the surgery items for 2003 cases to be transmitted to SEER using either the *SEER Program Code Manual, Third Edition* codes (ROADS codes) or FORDS codes. Most SEER areas are planning to code the majority, if not all, of their cases to the FORDS codes for diagnosis year 2003. However, concerns were raised regarding the effect of the Version 10 changes on timeliness of the 2003 data. SEER does not want to stop the processing of diagnosis year 2003 cases and create a large backlog due to delays in the availability of software necessary to manage and process diagnosis year 2003 cases. The longer it takes for new software to be developed, written, tested, and implemented for reporting facilities and central registries, the greater the impact on the timeliness of the 2003 cases. This may result in a delicate balance between timeliness of case reporting and the implementation of new software for the 2003 cases. Therefore, SEER will allow either set of surgery codes for cases diagnosed in 2003, to allow central registries maximum flexibility in dealing with phasing in of new software at different times by the many facilities reporting to them. For cases diagnosed in 2003, SEER participants can choose which set of fields are filled in for each case/tumor (see Table 10; but for each specific case/tumor, the three specified items must be coded using the same set of definitions, either the *SEER Program Code Manual, Third Edition*, or FORDS.

ACoS will require that all CoC-approved cancer program registries adopt the changes outlined in FORDS for cases diagnosed on or after January 1, 2003. SEER is not in any way trying to undermine the authority of ACoS in their mandates to these hospitals. For hospitals that are planning to collect their data using FORDS items and code definitions, it is unfair for the central registry to put any additional undue burden on them by requiring that they also collect the same or similar data using item and code definitions found in the *SEER Program Code Manual, Third Edition*.

For 2003 cases, SEER is requiring either set of surgery items (the FORDS codes are preferable):

**FORDS (*SEER Program Code Manual, Third Edition, Revision 1*) standards:**

| | |
|---|---|
| RX Summ--Surg Prim Site | (#1290) |
| RX Summ--Scope Reg LN | (#1292) |
| RX Summ--Surg Oth R/D | (#1294) |

***Note:*** Reconstruction (for breast) is incorporated into surgery of primary site, and number of lymph nodes examined is incorporated into scope of regional lymph node surgery. Therefore, both would be submitted as blank.

**OR**

**ROADS (*SEER Program Code Manual, Third Edition*) standards:**

| | |
|---|---|
| RX Summ--Surg Site 98-02 | (#1646) |
| RX Summ--Scope Reg 98-02 | (#1647) |
| RX Summ--Reg LN Examined | (#1296) |
| RX Summ--Surg Oth 98-02 | (#1648) |
| RX Summ--Reconstruct 1st | (#1330) |

For each patient/tumor record, only one set of surgery codes can be used. The item *RX Coding System--Current* (#1460) should be used as a flag and coded as "05" if the ROADS (i.e., *SEER Program Code Manual, Third Edition*) codes were used, and as "06" if the FORDS (i.e., *SEER Program Code Manual, Third Edition, Revision 1*) codes were used. This code may be computer generated for each patient/tumor record.

ACoS has been extremely cooperative in making changes to FORDS so that the data are more compatible with earlier data that have been collected. A substantial effort has been put forth to ensure that the new codes and definitions in FORDS are compatible with previous code definitions. The final resolution, as expressed in these guidelines, involves the introduction of six surgery items to retain the surgery information for cases diagnosed on or before December 31, 2002.

**Standard-Setter's Reporting Specifications**

Table 10 illustrates how each treatment item will be required to be transmitted, depending on the date of diagnosis and the standard-setter. For CoC, this table reflects the post-conversion status of items for the purposes of data transmission.

***Codes for Reporting Specifications Found in Table 10:***

- **R:** Designates ROADS codes and definitions.

- **F:** Designates FORDS codes and definitions. *Note:* For CoC, where cases are diagnosed on or before December 31, 2002, an F indicates a converted code value, or (for the surgery items only) it may represent a double-coded "straggler" case.

- **.** (dots/periods): Designates "not in data set but available."

- **F†:** Designates year 2003 diagnoses that are coded directly using FORDS codes and definitions or that are coded using the *SEER Program Code Manual, Third Edition,* and converted to FORDS codes, with the exception that specified codes are invalid (see Tables 4 through 7 in Section 1).

- **ed 3:** Designates the codes and definitions published in the *SEER Program Code Manual, Third Edition*.

- **ed3 to F:** Designates items coded according to the *SEER Program Code Manual, Third Edition,* and converted to FORDS codes, with the exception that specified codes are invalid (see Tables 4 through 7 in Section 1).

- **F or ed3 / blank or ed3:** Designates year 2003 diagnoses that can be reported using either FORDS or the *SEER Program Code Manual, Third Edition*. For each case/tumor, the specified summary surgery items must be coded using the same set of definitions (either *SEER Program Code Manual, Third Edition,* or FORDS) and codes transmitted in the appropriate items. Cases coded using the *SEER Program Code Manual, Third Edition,* must include the items 1646, 1647, 1648, 1296, and 1330, with *RX Coding System--Current* (#1460) coded as "05"; and FORDS codes in items 1290, 1292, 1294, leaving items 1296 and 1330 blank, with *RX Coding System--Current* coded as "06."

***Example:*** Surgery of Primary Site

- For cases diagnosed on or before December 31, 2002, codes describing surgery of the primary site must be consistent with the items and code definitions appearing in ROADS (*SEER Program Code Manual, Third Edition*). This information will be transmitted to CoC, NPCR, and SEER using the item *RX Hosp/Summ--Surgery Site 98-02* (#746/#1646).

- CoC will require that cases diagnosed on or before December 31, 2002, be converted, and that the FORDS codes for these cases be reported using the item *RX Hosp/Summ--Surgery Prim Site* (#670/#1290).

- CoC will require that cases diagnosed after December 31, 2002, use the FORDS codes and be reported using the item *RX Hosp/Summ--Surgery Prim Site* (#670/#1290).

- For cases diagnosed in 2003 only, SEER will allow the RX summary information for surgery of the primary site to be coded in either *RX Summ--Surgery Prim Site* (#1290) using FORDS codes, or in *RX Summ--Surgery Site 98-02* (#1646) using the *SEER Program Code Manual, Third Edition* (ROADS), per the instructions listed earlier in SEER's Reporting Requirements Statement.

| TABLE 10. CoC, NPCR, and SEER Data Collection Requirements for NAACCR Version 10 Treatment Items. | | | | | | | |
|---|---|---|---|---|---|---|---|
| Item Name | Item# | CoC | | NPCR | | SEER | |
| | | Dx Date <= 12/31/02 | Dx Date >= 1/1/03 | Dx Date <= 12/31/02 | Dx Date >= 1/1/03 | Dx Date <= 12/31/02 | 2003 Diagnoses |
| RX Hosp--Surg Prim Site | 670 | F | F | . | . | . | . |
| RX Hosp--Surg Site 98-02 | 746 | R | . | . | . | . | . |
| RX Hosp--Scope Reg LN Sur | 672 | F | F | . | . | . | . |
| RX Hosp--Scope Reg 98-02 | 747 | R | . | . | . | . | . |
| RX Hosp--Reg LN Removed | 676 | R | . | . | . | . | . |
| RX Hosp--Surg Oth Reg/Dis | 674 | F | F | . | . | . | . |
| RX Hosp--Surg Oth 98-02 | 748 | R | . | . | . | . | . |
| RX Hosp--Radiation | 690 | . | . | . | . | . | . |
| RX Hosp--Chemo | 700 | F | F | . | . | . | . |
| RX Hosp--Hormone | 710 | F | F | . | . | . | . |
| RX Hosp--BRM | 720 | F | F | . | . | . | . |
| RX Hosp--Other | 730 | F | F | . | . | . | . |
| RX Hosp--Palliative Proc | 3280 | F | F | . | . | . | . |
| RX Hosp--Surgical Approch | 1310 | R | . | . | . | . | . |
| RX Summ--Surg Prim Site | 1290 | F | F | . | F | . | F or ed3 |
| RX Summ--Surg Site 98-02 | 1646 | R | . | R | . | R | F or ed3 |
| RX Summ--Scope Reg LN Sur | 1292 | F | F | . | F | . | F or ed3 |
| RX Summ--Scope Reg 98-02 | 1647 | R | . | R | . | R | F or ed3 |
| RX Summ--Reg LN Examined | 1296 | R | . | R | . | R | Blank or ed3 |
| RX Summ--Surg Oth Reg/Dis | 1294 | F | F | . | F | . | F or ed3 |
| RX Summ--Surg Oth 98-02 | 1648 | R | . | R | . | R | F or ed3 |
| RX Summ--Surgical Margins | 1320 | F | F | . | . | . | . |
| RS Summ--Reconstruct 1st | 1330 | R | . | . | . | R | . |
| RX Summ--Surg/Rad Seq | 1380 | F | F | F | F | ed 3 | ed 3 |
| Reason for No Surgery | 1340 | F | F | . | . | ed 3 | ed 3 |
| RX Summ--Surgery Type* | 1640 | . | . | . | . | ed 3 | . |

| TABLE 10. CoC, NPCR, and SEER Data Collection Requirements for NAACCR Version 10 Treatment Items. | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Item Name** | **Item#** | **CoC** | | **NPCR** | | **SEER** | |
| | | **Dx Date <= 12/31/02** | **Dx Date >= 1/1/03** | **Dx Date <= 12/31/02** | **Dx Date >= 1/1/03** | **Dx Date <= 12/31/02** | **2003 Diagnoses** |
| RX Summ--Radiation | 1360 | . | . | . | . | ed 3 | ed 3 |
| RX Summ--Rad to CNS | 1370 | . | . | . | . | ed 3 | ed 3 |
| Rad--Location of RX | 1550 | F | F | . | . | . | . |
| Rad--Treatment Volume | 1540 | F | F | . | . | . | . |
| Rad--No of Treatment Vol | 1520 | F | F | . | . | . | . |
| Rad--Regional RX Modality | 1570 | F | F | F | F | . | . |
| Rad--Regional Dose: cGy | 1510 | F | F | . | . | . | . |
| Rad--Boost RX Modality | 3200 | F | F | . | . | . | . |
| Rad--Boost Dose cGy | 3210 | F | F | . | . | . | . |
| Reason for No Radiation | 1430 | F | F | F | F | . | . |
| RX Summ--Chemo | 1390 | F | F | F | F | ed3 to F | F† |
| RX Summ--Hormone | 1400 | F | F | F | F | ed3 to F | F† |
| RX Summ--BRM | 1410 | F | F | F | F | ed3 to F | F† |
| RX Summ--Transplnt/Endocr | 3250 | F | F | F | F | ed3 to F | F† |
| RX Summ--Other | 1420 | F | F | F | F | ed3 | ed3 |
| RX Summ--Palliative Proc | 3270 | F | F | . | . | . | . |

***** Item *RX Summ-Surgery* Type (#1640) is only reported for cases diagnosed on or before December 31, 1997.

# Appendix A: Sequence Number--Central

Changes to the item *Sequence Number--Central* (#380) make clear that this data item "indicates the sequence of all reportable neoplasms over the lifetime of the person." The prior description stated "in the patient's lifetime, according to the information and rules of the central registry." Subsequently, some registries have defined this terminology to mean within the reference year of the registry. This change creates a challenge for those registries using this later definition. NPCR recommends a twofold approach: (1) clean up the data as they are found during the normal flow of work, and (2) notify the state's NPCR Project Officer with an estimation of the cost to find and update the sequence number for those cancers in the person's lifetime and before the registry's reference year.

*Sequence Number--Central* now provides a series of codes (60-88) for the assignment of sequence number for central registry-defined tumors. Alphabetic sequence numbers no longer are allowed with the implementation of Version 10. These tumors typically have a benign/borderline behavior (i.e., those tumors not required by SEER/NPCR but determined by a specific state to be reportable). Examples include benign brain tumors, borderline ovarian tumors, squamous cell and basal cell carcinomas of the skin (SCC and BCC), prostatic intraepithelial neoplasia (PIN), grade III (PIN III), and cervix carcinoma *in situ*/cervical intraepithelial neoplasia grade III (cervix CIS/CIN III). The neoplasms required by SEER/NPCR are sequenced in the traditional series of codes (00-35) and are sequenced completely independently of this other category. NPCR registries collecting tumors not required by SEER/NPCR should resequence these tumors to the national standard, 60-88, 98 series.

Refer to NAACCR Volume II, Version 10 for further clarification of the item *Sequence Number--Central*.

Table A-1 illustrates which sequence number series should be used by type of neoplasm.

**TABLE A-1. Sequence Number Central: Code Assignment by Type of Neoplasm.**

| **Neoplasm** / ***In Situ*/Malignant as Federally Required Based on Diagnosis Year** | **Seq Num--Central (Numeric Series)** |
|---|---|
| *In Situ* (behavior code = 2), Cervix CIS/CIN III (Diagnosis Year before 1996), Includes VIN III, VAIN III, AIN III | 00-35 |
| Malignant (Behavior Code = 3) | 00-35 |
| Juvenile Astrocytoma, Diagnosis Year 2001+* | 00-35 |
| Invasive Following *In Situ* - New Primary as Defined by CoC | 00-35 |
| Invasive Following *In Situ* - New Primary as Defined by SEER | 00-35 |
| Federally Required Sequence Number Unknown or Unspecified | 99 |

| TABLE A-1. Sequence Number Central: Code Assignment by Type of Neoplasm. | |
|---|---|
| **Neoplasm**<br>**Non-Malignant Tumors as Federally Required Based on Diagnosis Year and State/Province Registry Defined** | **Seq Num--Central (Numeric Series)** |
| *Examples:* | |
| Benign Brain | 60-87 |
| Borderline Ovarian, Diagnosis Year 2001+ | 60-87 |
| Other Borderline/Benign | 60-87 |
| Skin SCC/BCC | 60-87 |
| PIN III | 60-87 |
| Cervix CIS/CIN III, Diagnosis Year 2003+ | 60-87 |
| Cervix CIS/CIN III, Diagnosis Years 1996-2002 | 98 |
| Unspecified Benign Brain, State Registry-Defined Sequence Number | 88 |

*Note: Per published errata, juvenile astrocytomas should be reported as 9421/3.

Tables A-2 through A-5 identify specific histologic types for which the behavior code changed between the publication of the Second and Third Editions of the *International Classification of Diseases for Oncology* (ICD-O). These tables have been adapted from those published in Appendix 6 of ICD-O-3 (pp. 239-40), terms are as they are published in ICD-O-3.

Depending on the year of diagnosis, the code assigned to *Sequence Number - Central* for the specified histologies is either 00-35 (for histologies with behavior code 3) or 60-87 (for histologies with behavior code 0 or 1). Use Tables A-2 through A-5 to determine the appropriate code assignment for the item *Sequence Number--Central*.

| TABLE A-2. Terms Changing From Borderline (ICD-O-2) to Malignant (ICD-O-3) - Sequence Number Assignment by Diagnosis Date. | | | | |
|---|---|---|---|---|
| | | | **Seq Num--Central (Numeric Series)** | |
| **Terms Changing From: Borderline to Malignant** | **ICD-O-2** | **ICD-O-3** | **Diagnosis on or Before 12/31/2000** | **Diagnosis on or After 01/01/2001** |
| Endometrial Stromal Sarcoma, Low Grade (C54.1) | 8931/1 | 8931/3 | 60-87 | 00-35 |
| Endolymphatic Stromal Myosis (C54.1) | 8931/1 | 8931/3 | 60-87 | 00-35 |
| Endometrial Stromatosis (C54.1) | 8931/1 | 8931/3 | 60-87 | 00-35 |
| Stromal Endometriosis (C54.1) | 8931/1 | 8931/3 | 60-87 | 00-35 |
| Stromal Myosis, NOS (C54.1) | 8931/1 | 8931/3 | 60-87 | 00-35 |
| Papillary Ependymoma (C71._) | 9393/1 | 9393/3 | 60-87 | 00-35 |

| **TABLE A-2. Terms Changing From Borderline (ICD-O-2) to Malignant (ICD-O-3) - Sequence Number Assignment by Diagnosis Date.** | | | | |
|---|---|---|---|---|
| | | | **Seq Num--Central (Numeric Series)** | |
| **Terms Changing From: Borderline to Malignant** | **ICD-O-2** | **ICD-O-3** | **Diagnosis on or Before 12/31/2000** | **Diagnosis on or After 01/01/2001** |
| Papillary Meningioma | 9538/1 | 9538/3 | 60-87 | 00-35 |
| Polycythemia Vera | 9950/1 | 9950/3 | 60-87 | 00-35 |
| Polycythemia Rubra Vera | 9950/1 | 9950/3 | 60-87 | 00-35 |
| Chronic Myeloproliferative Disease, NOS | 9960/1 | 9960/3 | 60-87 | 00-35 |
| Chronic Myeloproliferative Disorder | 9960/1 | 9960/3 | 60-87 | 00-35 |
| Myelosclerosis With Myeloid Metaplasia | 9961/1 | 9961/3 | 60-87 | 00-35 |
| Megakaryocytic Myelosclerosis | 9961/1 | 9961/3 | 60-87 | 00-35 |
| Myelofibrosis With Myeloid Metaplasia | 9961/1 | 9961/3 | 60-87 | 00-35 |
| Idiopathic Thrombocythemia | 9962/1 | 9962/3 | 60-87 | 00-35 |
| Essential Thrombocythemia | 9962/1 | 9962/3 | 60-87 | 00-35 |
| Essential Hemorrhagic Thrombocythemia | 9962/1 | 9962/3 | 60-87 | 00-35 |
| Idiopathic Hemorrhagic Thrombocythemia | 9962/1 | 9962/3 | 60-87 | 00-35 |
| Refractory Anemia, NOS | 9980/1 | 9980/3 | 60-87 | 00-35 |
| Refractory Anemia Without Sideroblasts | 9981/1 | 9980/3 | 60-87 | 00-35 |
| Refractory Anemia With Sideroblasts | 9982/1 | 9982/3 | 60-87 | 00-35 |
| Refractory Anemia With Ringed Sideroblasts | 9982/1 | 9982/3 | 60-87 | 00-35 |
| Refractory Anemia With Excess Blasts | 9983/1 | 9983/3 | 60-87 | 00-35 |
| Refractory Anemia With Excess Blasts in Transformation | 9984/1 | 9984/3 | 60-87 | 00-35 |
| Myelodysplastic Syndrome, NOS | 9989/1 | 9989/3 | 60-87 | 00-35 |
| Preleukemia | 9989/1 | 9989/3 | 60-87 | 00-35 |
| Preleukemic Syndrome | 9989/1 | 9989/3 | 60-87 | 00-35 |

| TABLE A-3. Terms Changing From Malignant (ICD-O-2) to Borderline (ICD-O-3) - Sequence Number Assignment by Diagnosis Date. | | | | |
|---|---|---|---|---|
| | | | Seq Num--Central (Numeric Series) | |
| **Terms Changing From: Malignant to Borderline** | **ICD-O-2** | **ICD-O-3** | **Diagnosis on or Before 12/31/2000** | **Diagnosis on or After 01/01/2001** |
| Serous Cystadenoma, Borderline Malignancy (C56.9) | 8442/3 | 8442/1 | 00-35 | 60-87 |
| Serous Tumor, NOS, of Low Malignant Potential (56.9) | 8442/3 | 8442/1 | 00-35 | 60-87 |
| Papillary Cystadenoma, Borderline Malignancy (C56.9) | 8451/3 | 8451/1 | 00-35 | 60-87 |
| Serous Papillary Cystic Tumor of Borderline Malignancy (C56.9) | 8462/3 | 8462/1 | 00-35 | 60-87 |
| Papillary Serous Cystadenoma, Borderline Malignancy (C56.9) | 8462/3 | 8462/1 | 00-35 | 60-87 |
| Papillary Serous Tumor of Low Malignant Potential (C56.9) | 8462/3 | 8462/1 | 00-35 | 60-87 |
| Atypical Proliferative Papillary Serous Tumor (C56.9) | 8462/3 | 8462/1 | 00-35 | 60-87 |
| Mucinous Cystic Tumor of Borderline Malignancy (56.9) | 8472/3 | 8472/1 | 00-35 | 60-87 |
| Mucinous Cystadenoma, Borderline Malignancy (C56.9) | 8472/3 | 8472/1 | 00-35 | 60-87 |
| Pseudomucinous Cystadenoma, Borderline Malignancy (C56.9) | 8472/3 | 8472/1 | 00-35 | 60-87 |
| Mucinous Tumor, NOS, of Low Malignant Potential (56.9) | 8472/3 | 8472/1 | 00-35 | 60-87 |
| Papillary Mucinous Cystadenoma, Borderline Malignancy (C56.9) | 8473/3 | 8473/1 | 00-35 | 60-87 |
| Papillary Pseudomucinous Cystadenoma, Borderline Malignancy (C56.9) | 8473/3 | 8473/1 | 00-35 | 60-87 |
| Papillary Mucinous Tumor of Low Malignant Potential (C56.9) | 8473/3 | 8473/1 | 00-35 | 60-87 |
| Pilocytic Astrocytoma (C71._)* | 9421/3 | 9421/3 | 00-35 | 00-35 |
| Piloid Astrocytoma (C71._)* | 9421/3 | 9421/3 | 00-35 | 00-35 |
| Juvenile Astrocytoma (C71._)* | 9421/3 | 9421/3 | 00-35 | 00-35 |
| Spongioblastoma, NOS (C71._) [obs.]* | 9422/3 | 9421/3 | 00-35 | 00-35 |

*Note*: ICD-O-3 now classifies this diagnosis as "borderline;" however, by agreement in North America, the diagnosis still is coded as "malignant."

| TABLE A-4. Terms Changing From Benign (ICD-O-2) to Borderline (ICD-O-3) - Sequence Number Assignment by Diagnosis Date. | | | | |
|---|---|---|---|---|
| | | | Seq Num--Central (Numeric Series) | |
| **Terms Changing From: Benign to Borderline** | **ICD-O-2** | **ICD-O-3** | **Diagnosis on or Before 12/31/2000** | **Diagnosis on or After 01/01/2001** |
| Transitional Cell Papilloma, NOS | 8120/0 | 8120/1 | 60-87 | 60-87 |
| Glucagonoma, NOS (C25._) | 8152/0 | 8152/1 | 60-87 | 60-87 |
| Thymoma, NOS (C37.9) | 8580/0 | 8580/1 | 60-87 | 60-87 |
| Sertoli Cell Tumor, NOS | 8640/0 | 8640/1 | 60-87 | 60-87 |
| Pick Tubular Adenoma | 8640/0 | 8640/1 | 60-87 | 60-87 |
| Sertoli Cell Adenoma | 8640/0 | 8640/1 | 60-87 | 60-87 |
| Tubular Androblastoma, NOS | 8640/0 | 8640/1 | 60-87 | 60-87 |
| Testicular Adenoma | 8640/0 | 8640/1 | 60-87 | 60-87 |
| Neurocytoma | 9506/0 | 9506/1 | 60-87 | 60-87 |

| TABLE A-5. Terms Changing From Borderline (ICD-O-2) to Benign (ICD-O-3) - Sequence Number Assignment by Diagnosis Date. | | | | |
|---|---|---|---|---|
| | | | Seq Num--Central (Numeric Series) | |
| **Terms Changing From: Borderline to Benign** | **ICD-O-2** | **ICD-O-3** | **Diagnosis on or Before 12/31/2000** | **Diagnosis on or After 01/01/2001** |
| Villous Adenoma, NOS | 8261/1 | 8261/0 | 60-87 | 60-87 |
| Villous Papilloma | 8261/1 | 8261/0 | 60-87 | 60-87 |
| Juxtaglomerular Tumor (C64.9) | 8361/1 | 8361/0 | 60-87 | 60-87 |
| Reninoma (C64.9) | 8361/1 | 8361/0 | 60-87 | 60-87 |
| Desmoplastic Fibroma | 8823/1 | 8823/0 | 60-87 | 60-87 |
| Mature Teratoma | 9080/1 | 9080/0 | 60-87 | 60-87 |

# Appendix B: FORDS Required Override Flags and Case Administration Items

## FORDS Required Override Flags

FORDS incorporates 12 edit override items, all part of the standard NAACCR data exchange record and all designed for use with NAACCR metafile edits. The current NAACCR Data Standards and Data Dictionary identifies the NAACCR edits with which every override item is used; FORDS identifies the subset of edits that affect items required by FORDS. Complete documentation for all of these edits can be obtained by using the Report function in the EDITS EditWriter software. A document presenting a synopsis of NAACCR metafile edits that use the FORDS edit override items is available from CoC via the ACoS Web Site at: http://www.facs.org/dept/cancer/ncdb/roadstofords.html.

## FORDS Case Administration Items

Case administration items describe the nature of the data stored in a cancer record. As such, it is important that they be stored on a record-specific level. FORDS requires several case administration items that were not required by CoC in the past. Most of the items involved are not new to the field of cancer registration and have been included for many years in the NAACCR data exchange record layouts and data dictionaries. However, the NAACCR 2003 Implementation Workgroup believes that they are not uniformly incorporated into cancer records in facility or central registry databases. The material that follows provides guidelines for their integration into registry software systems at this time.

- *Abstracted By* (#570): This can be auto-coded based on abstractor log-in to the registry software or keyed by the abstractor. The item did not change with publication of FORDS.

- *Facility Identification Number* (FIN) (#540): The FIN can be auto-coded by the registry software. It is important to confirm that the FIN code assigned is the code provided for the facility by ACoS, available on its Cancer Programs Web Site (http://www.facs.org/dept/cancer/index.html). If the database uses a different facility code internally, a lookup file or similar mechanism should be available for assigning *Archive FIN* correctly (see following), and for transmitting the correct FIN for National Cancer Data Base data submission. The value assigned to the FIN changes whenever a new FIN is assigned due to a facility merger; some mechanism for updating the FIN when necessary should be built into the software.

- *Archive FIN* (# 3100): This is a newly defined item designed to preserve permanent identity of the original FIN. When the item is first established in the database, and when new cases are added, the value of *Archive FIN* should be autocoded to equal the current FIN. It is important to confirm that the current FIN code being copied is the code provided for the facility by ACoS (http://www.facs.org/dept/cancer/index.html). The value of *Archive FIN* never changes when facilities merge. It is not expected that original ownership of a record will be established for cases in facilities that underwent mergers prior to January 1, 2003.

Table B-1 lists the EDITS Override items required by FORDS to be available to reporting facilities.

**TABLE B-1. FORDS Required EDITS Override Items.**

| Item Name | Item # |
|---|---|
| OverRide Acsn/Class/Seq | 1985 |
| OverRide HospSeq/DxConf | 1986 |
| OverRide CoC Site/Type | 1987 |
| OverRide HospSeq/Site | 1988 |
| OverRide Site/TNM-Stage Group | 1989 |
| OverRide Age/Site/Morph | 1990 |
| OverRide Surg/DxConf | 2020 |
| OverRide Site/Type | 2030 |
| OverRide Histology | 2040 |
| OverRide Leuk, Lymphoma | 2070 |
| OverRide Site/Behavior | 2071 |
| OverRide Site/Lat/Morph | 2074 |

These override items are designed to work with standard NAACCR edits and/or the EDITS software and metafiles distributed by NAACCR or other standard-setters to implement standard edits. Some edit errors and/or warnings can be associated with rare—but not impossible—code combinations. Usually, the error or warning message indicates a coding or data entry problem than can be corrected. However, when the registrar establishes that a rare combination was correct, entering the appropriate value for the override flag will identify that the record has been verified and allow future runs of the edit to accept the case. If no warning or error message is generated by the respective edit, the override flag remains blank (spaces). The specific edits associated with the override items are identified in FORDS and in the NAACCR Standards Volume II. Current documentation of all standard edits can be obtained from the respective metafile in the EDITS EditWriter. A printed version of the documentation for the applicable edits for the NAACCR Version 10 Metafile will be forthcoming. See the NAACCR Standards Web Site for instructions on downloading, installing, and using the EDITS software (http://www.naaccr.org/Standards/Edits.html).

Implementation of the override items in registry software will depend on how and whether the standard NAACCR edits and/or the EDITS software have been implemented in the software.

- **Software Has no Implementation of Standard NAACCR Edits or EDITS Software.** Registry staff can edit data after extraction into a standard NAACCR transmission file running the free-standing GenEDITS software with the appropriate metafiles, then applying the results to modify the database. Special screens in the registry software that provide the registrar with the ability to enter the override codes will be needed if the edits have not otherwise been integrated into the

software. Ordinarily, central registries will not accept override flags without proper documentation. The registrar will want access to text files at the same time to document the circumstance.

- **Software Has Provider-Written Edits Encoded That Mimic the NAACCR Standard Edits.** The associated override items can be integrated into the existing provider package, with due care taken to convey to registrars that ordinarily, edit errors and warnings require correction, and overrides are, predictably, needed only rarely.

- **Software Provider Has the EDITS Metafiles Fully Integrated Into the Software.** The associated override items can be integrated into the existing provider package, with due care taken to convey to registrars that ordinarily, edit errors and warnings require correction, and overrides are, predictably, needed only rarely.

The purpose of "original" coding version items is to identify the responses and coding rules available to the registrar when the case originally was coded, information that is instrumental in interpreting long-term data trends. When a new record is abstracted, the "original" and "current" code versions are identical. The codes describing "original" versions do not change when the items described are converted. Recording of this information can be automated, requiring minimal registrar involvement when the code versions change, or perhaps to override versions when coding "old" cases.

*TNM Edition Number* is not new in FORDS, and some of the other items already may be maintained in the registry software. If the items are being added now, the information should be completed to the extent it is possible to do so accurately. If the software provider can infer correct codes based on the version of software, or if the registry has the ability to identify on a record-specific level when various versions of codes were employed, then the specific information can be inserted into existing records. In most instances, it should be possible to identify the correct code for recent records. In cases for which that information is not available, Table B-2 identifies values to assign to historic cases when the case administration items are first created in the database. The final column identifies the code versions that describe current standards for cases diagnosed on or after January 1, 2003 (the versions recorded should be consistent with the versions used).

**TABLE B-2. Code Value Assignment for "Coding System--Original" Case Administration Items When Record-Specific Information Is Not Available.**

| Item Name | Item # | Historic Records if Unknown | Preferred Version for cases Dx'd > 12/31/2002 |
|---|---|---|---|
| COC Coding System--Original | 2150 | 99 | 08 |
| Race Coding System--Original | 180 | 9 | 6 |
| Site Coding System--Original | 460 | 9 | 5 |
| Morphology Coding System--Original | 480 | 9 | 7 |
| TNM Edition Number | 1060 | 99 | 06 |

The purpose "current" coding version items is to describe the meaning of the codes currently stored in the cancer record. Their values must be updated as part of any program that converts the items they describe. When a new record is abstracted, the "original" and "current" code versions are identical. The method of automated coding used for new records will be the same. In a registry with clean data, it should be possible to accurately describe the "current" code versions on a record-specific level at the time these items are added. Given, however, that this is not always the case, Table B-3 can be used to assign values to the items for records whose content is in doubt.

**TABLE B-3. Code Value Assignment for "Coding System--Current" Case Administration Items When Record-Specific Information Is Not Available.**

| Item Name | Item # | Historic Records if Unknown | Preferred Version for cases Dx'd > 12/31/2002 |
|---|---|---|---|
| COC Coding System--Current | 2140 | 99 | 08 |
| Race Coding System--Current | 170 | 9 | 6 |
| Site Coding System--Current | 450 | 9 | 5 |
| Morphology Coding System--Current | 470 | 9 | 7 |
| RX Coding System--Current | 1460 | 99 | 06 |

The distributions of ICD-O-2 and ICD-O-3 site and morphology codes (histologic type and behavior) differ depending on whether the codes were assigned directly or converted from other versions, and whether or not case review took place as part of a conversion. The ICD-O conversion flags describe the origin of these codes, and are used for interpreting long-term data trends.

- *ICD-O-3 Conversion Flag* (# 2116) records the origin of ICD-O-3 morphology codes as direct-coded or converted, and—if converted—converted with or without review. The implementation guidelines for ICD-O-3 recommended including this flag; however, its specific coding had not been resolved when those guidelines were published. If the flag has not already been implemented, the following guidelines may be applied:
  - When the flag is added to a existing database, cases for which no ICD-O-3 morphology codes are stored should be flagged with a blank (spaces); the flag does not apply.
  - Because implementation of ICD-O-3 morphology codes was recent (it was supposed to have been implemented for all cases diagnosed after December 31, 2000), the correct value for this flag should be determined either from the software version code or from registry records. Depending on the software application, determination between direct-coded (flag 0) and converted from ICD-O-2 without review (flag 1) can be based initially on registrar specification of the conditions (typically, date of diagnosis, date of data entry, and/or record accession-sequence number), after which all ICD-O-3 morphologies were direct-coded. Again, depending on the existing software application, the code can be further refined if cases with specific morphologies were pulled for review or the timing of conversion versus direct-coding of ICD-O-3 was intermittent depending on specific histologic types.

- *ICD-O-2 Conversion Flag* (# 1890) describes the origin of ICD-O-2 morphology codes during and following transition from ICD-O-1 code use, and again during the transition from ICD-O-2 to ICD-O-3, when some registries may have converted from ICD-O-3 coding to ICD-O-2 codes. The meaning of lymphoma codes particularly was affected by the shift from ICD-O-1 to ICD-O-2 codes. In addition, the codes assigned to primary sites changed completely between ICD-O-1 and ICD-O-2. The conversion from ICD-O-1 to ICD-O-2 occurred early in the development of electronic data storage and transmission in an atmosphere of limited shared data standards. As a consequence, this item and the crucial information it conveys did not exist in most registries at the time. To the greatest extent possible, it is recommended that accurate record-level reconstruction of the information be attempted. Omnibus reconstruction that is not data-sensitive is not advised; the item should be left blank if more specific information is completely unobtainable. When the flag is added to an existing data set, the following suggestions may be applied:
  - If the record does not contain ICD-O-2 histology and behavior codes, leave the field blank (space); the flag does not apply.
  - If the registry direct-coded ICD-O-3 morphology and converted to ICD-O-2, the flag should be set to 5 for those cases (unless the registry is able to identify reviewed cases, which can be flagged 6). If the registry direct-coded both ICD-O-2 and ICD-O-3, no conversion took place and the ICD-O-2 conversion flag is 0.
  - If the registry never collected ICD-O-1 morphology codes or the codes published in the field trial editions that preceded ICD-O-2, all records with ICD-O-2 morphology codes in them that were not recoded from ICD-O-3 codes should be flagged 0.
  - Most registries will be able to identify a date after which all ICD-O-2 codes were direct-coded. This date may be as early as 1991, or as late as 1993 (and occasionally earlier or later). Cases after that date (not converted from ICD-O-3) should be flagged 0.

If at all possible, registries that once collected ICD-O-1 codes are encouraged to review their records to determine with more precision when their data collection switched from ICD-O-1 to ICD-O-2 coding. Some registries converted site codes separately from morphology codes, or did not convert morphology codes at all. The suggestions that follow emphasize identification of converted morphology codes. Possible information sources include the software provider's version number (software distributed prior to 1990 would have used ICD-O-1 coding), paper documentation of conversion records, or frequency counts of morphology codes valid under one but not both coding systems (the Appendix of ICD-O-2 lists morphologies introduced in ICD-O-2; 9990 was discontinued then, but many registrars continued using it or 9999 for unknown morphology long after otherwise adopting ICD-O-2, so it may not be a useful indicator). If the registry collected ICD-O-1 morphology codes and is unable to identify accurately records for which ICD-O-2 was keyed directly, the following steps should be applied (registrar assistance in reviewing the data is required if these steps are applied):

- If unconverted ICD-O-1 codes are stored in ICD-O-2 morphology fields, leave the flag blank (space) for the period involved.

- If the morphology codes for cases diagnosed prior to 1990 are all valid ICD-O-2 codes, presume that they were converted from ICD-O-1 (flag 1).

- Presume that cases with both ICD-O-1 and ICD-O-2 morphology codes stored in the record (separately) were converted from ICD-O-1 to ICD-O-2 (flag 1), unless documentation of backward conversion exists (flag 0).

- This leaves cases diagnosed during the period 1990-1993 or so in registries with a history of ICD-O-1 coding but lacking the applicable registry records or independent identification of ICD-O-1 codes in the database. If it is apparent that the fields contain only ICD-O-2 codes but the timing of conversion cannot be determined, presume that 1991 cases were converted (flag 1) and subsequent cases were direct-coded (flag 0). Otherwise, if a year-by-year check indicates that the codes are mixed, leave the flag blank (space) for years having mixed codes.

# Appendix C: Summary of Guidelines

This Appendix provides specific constituents in the cancer registry community with a summary description of how the guidelines will effect their transition from Version 9.1 standards to Version 10.

**Summary for Central Cancer Registries**

The following are important points for consideration when developing Version 10 implementation plans:

- **Reportability.** CCRs must delineate any changes in their case reporting requirements for diagnosis year 2003. CCRs should assess what conditions will be reportable to them and clearly define these conditions by year of diagnosis. Differences in reporting standards from standard-setters such as CoC, NPCR, and SEER should be assessed, and state-specific edits should be generated to accommodate these differences.

- **Required Fields.** CCRs carefully should assess which Version 10 data items they will be collecting, both for cases diagnosed January 1, 2003, and later as well as for cases diagnosed prior to 2003, which are submitted using the Version 10 layout. Registry staff should delineate those fields that their CCR still may want to be required that CoC has dropped (i.e., what fields the CCR's vendors will still need to support).

- **Required Fields for Surgery and Treatment Data Items.** Special consideration should be given to the requirement of surgery and treatment data items with the Version 10 layout. CCRs should be explicitly clear with regard to the surgery and treatment items they will be requiring for cases diagnosed in 2003, as well as for cases diagnosed pre-2003.

  To prevent loss of information due to forward conversion for certain surgery data items, it is essential that cases diagnosed prior to January 1, 2003, be abstracted utilizing ROADS for specific surgery data items. Version 10 has been retroactively expanded to accommodate the abstracting and reporting of the six new data items listed in Table 1 of this document. These specific surgery data items must be coded utilizing ROADS for pre-2003 diagnoses. For each of these six new ROADS data items, there is a corresponding FORDS data item (e.g., *Rx Hosp--Surg Site 98-02* [#746]/*Rx Hosp--Surg Prim Site* [#1290]).

  CCRs requiring the *Rx Summ* or *Rx Hosp* version of the fields of *Surg Prim Site*, *Scope Reg LN Surg*, or *Surg Oth Reg/Dis* are strongly encouraged to require the newly added ROADS fields for pre-2003 cases and forward convert the values submitted within these fields to the corresponding FORDS fields at the level of the CCR.

  CCRs in states where most hospitals follow CoC rules must be aware that CoC no longer requires collection of the item *RX Summ--Radiation* (#1360). This information can be derived using the CoC-required radiation therapy items in either of two methods: (1) *Rad--Location of RX* (#1550) and *Rad--Regional RX Modality* (#1570) (see p. 46 of the CoC Conversion Rules; or

(2) *Rad--Regional RX Modality* (#1570) and *Rad--Boost RX Modality* (#3200). See "Technical Guidelines: Radiation Items" in Section 2 of this document for additional information.

- **State-Specific Fields.** CCRs should clearly delineate any non-standard or state-specific data items that they will be collecting, and should generate detailed abstracting instructions for each item. If a CCR will be collecting a standard data item but will not be conforming to the data standards for that item (as described in NAACCR Volume II, or elsewhere by the item's standard-setter), a clear description of the CCR's alternate data standards for the item should be provided.

- **EDITS Metafiles.** CCRs should decide what edits within the Version 10 EDITS Metafile they will be utilizing, and should apply these edits as soon as possible to incoming Version 10 records. CCRs also should continue to check the NAACCR Web Site for expected updated metafiles following the initial release of the Version 10 Metafile. CCRs that generate and distribute their own metafiles should have a plan to keep them updated.

- **State-Specific Edits.** CCRs should note that certain Version 10 NAACCR EDITS may need to be revised to accommodate CCR-specific reporting requirements, and that special edits may need to be developed to be applied to state-specific data items. Implementation, testing, and distribution of state-specific EDITS metafiles to reporting facilities and vendors should be considered as CCRs develop their overall Version 10 implementation plans. CCRs that generate and distribute their own metafiles should have a plan to keep them updated.

- **Acceptable Record Versions.** CCRs should have a plan to accommodate incoming Version 10 records. If a CCR anticipates receiving records submitted in the Version 10 layout before the CCR's internal data system is prepared to accommodate them, the CCR should have a plan to address the processing of these records. Some CCRs may specify a date before which they will not be willing to accept records in the Version 10 layout, and a date after which they will no longer be willing to accept earlier record versions. Other CCRs may choose to be more flexible. However a CCR chooses to proceed, large backlogs of records should be avoided, both at the level of the reporting facility (records abstracted, but not submitted at the request of the CCR) as well as at the level of the CCR (records received and put into a suspense file to be processed at a later date).

- **Accepting 2003 Cases in Version 10 Only.** CCRs are strongly encouraged to direct their reporting facilities to code and submit all cases diagnosed January 1, 2003, and later using only the 2003 data standards and Version 10 layout.

- **Conversion Tools.** CCRs are encouraged to closely examine and test any conversion programs before utilization. CoC has produced code conversion tools; however, these may be of limited value to non-CoC facilities and CCRs that do not collect all of the CoC treatment fields. A software tool for converting records in the Version 9.1 layout to the Version 10 layout will be available from NPCR in February 2003; its availability will be announced via the NAACCR List Serv upon completion. Some CCRs may wish to produce their own conversions customized for their own data systems.

- **Software Implementation Plan.** CCRs currently relying on reporting software should pay close attention to the release dates for these products and coordinate their overall CCR Version 10 implementation plan accordingly.

- **Implementation of the Version 10 Layout Within the CCR Data System.** CCRs should have a thoroughly thought-out plan for implementation of the 2003 data standards within their CCR data systems. Important issues that should be addressed by such a plan include assessing what new fields need to be added to a CCR's data system to accommodate the Version 10 layout (see Appendix D), ensuring additional space for new items, and accommodating the varying degree of Version 10 implementation across all reporting facilities.

  Conversion issues at the CCR level also should be carefully considered. Because the manner in which data are stored within a CCR is not governed by any standard-setter, each CCR must assess its own needs and make its own choices about data conversion. Some CCRs may choose to convert stored codes from one data standard to the 2003 standard, regardless of diagnosis year; others may simply add new fields and not convert anything. Those that choose to convert should store the original codes when necessary for future use.

  Regardless of the conversion choices made by a CCR, the proper case administration items and codes (describing current and original coding schemes) should be produced when records are exported in the Version 10 layout (Appendix D) for exchange with another registry or standard-setter.

- **Do Not Convert More Than Once.** If a CCR is accommodating the concurrent submission of different record versions, converting data from Version 10 to Version 9.1 and then back to Version 10 at a later date (i.e., backward and then forward conversion) should not occur under any circumstances.

- **Completion of 2002 Abstraction Prior to Conversion.** CCRs should strongly encourage their reporting facilities to complete the abstraction and submission of all pre-2003 cases prior to having their data converted and having their reporting software updated to Version 10.

- **Testing Initial Version 10 Submissions.** A reporting facility's first transmission in Version 10 should be tested as thoroughly as possible for layout and serious code problems before further Version 10 records are accepted from that facility. Some registries may find it useful to require a "test batch" from each vendor or facility.

- **Accommodating Reporting Delays.** Some reporting facilities will not have the capacity to report in Version 10 for quite some time in 2003. Thus, CCRs will most certainly experience reporting delays. Reporting delays should be accommodated, and reporting facilities should not be penalized for reasonable and necessary delays in the reporting of 2003 cases.

- **Communication With Reporting Facilities and Software Vendors.** CCRs will need to distribute their implementation plan and timeline to reporting facilities and vendors as early as possible, complete with identifiable checkpoints addressing at least the above-mentioned issues. Any changes to this time-line should be immediately reported to all involved parties.

CCRs should identify any reporting facility that may encounter undue problems with the transition to Version 10 data exchange standards or with maintaining timely data submission. Facilities without CoC-approved cancer programs may be less aware of upcoming changes and may need more transition time than CoC facilities.

CCRs should ensure that abstractors at reporting facilities have been exposed to pertinent FORDS and state-specific training opportunities.

CCRs should be sure that the utilization of the six "ROADS" fields retroactively being added to the Version 10 layout is clear to reporting facilities as well as software vendors. When necessary, clarify the distinction between accession year and diagnosis year. Ensure that reporting facilities and vendors understand the double-coding issue for pre-2003 cases accessioned after system conversion. In areas collecting non-analytic cases (such as Class 3s) that may have their first facility contact long after diagnosis, emphasize that such cases still will need to be coded according to the diagnosis year standards, regardless of when they are abstracted and accessioned.

- **Death Certificate Cases.** Death certificate-only (DCO) cases and other types of cases identified through death clearance activities following the CCRs' conversion to Version 10 should be treated as straggler cases. Data items and codes appropriate for the diagnosis year (the year of death for DCOs) should be used, note that for DCOs, the correct default codes must be recorded for all treatment items per the current guidelines for straggler cases.

**Summary for Registry Software Developers and Vendors**

Important points for consideration when supporting clients' transition to Version 10 standards include:

- **Database Conversion.** Databases should be converted to FORDS codes when all or virtually all 2002 cases are abstracted.

- **Recording and Storing the Appropriate Code Values.** ROADS code values must be retained for all cases diagnosed on or before December 31, 2002, for the 11 items in Table C-1 (per the instructions appearing on pages 9-12 of this document).

  All cases entered into a client's registry diagnosed on or before December 31, 2002, after the client's database has been converted to FORDS standards, will require the 11 items shown in Table C-1. Unless the FORDS release of a CCR's product facilitates on-the-fly forward conversion of "straggler" cases, the CCR should be sure to inform hospital/reporting facility registries that these cases will have to be manually double-coded, recording the ROADS code definitions for the surgery items listed in Table C-1 in addition to the six surgery items listed in Table C-2.

| TABLE C-1. NAACCR Version 10 Surgery Items Required in Registry Software After Conversion (Cases Diagnosed on or Before 12/31/02). | |
|---|---|
| **Item Name** | **Item #** |
| RX Hosp--Surg Site 98-02 | 746 |
| RX Hosp--Scope Reg 98-02 | 747 |
| RX Hosp--Reg LN Removed | 676 |
| RX Hosp--Surg Oth 98-02 | 748 |
| RX Summ--Surgical Approch | 1310 |
| RX Summ--Surg Site 98-02 | 1646 |
| RX Summ--Scope Reg 98-02 | 1647 |
| RX Summ--Reg LN Examined | 1296 |
| RX Summ--Surg Oth 98-02 | 1648 |
| RX Summ--Surgical Margins | 1320 |
| RX Summ--Reconstruct 1st | 1330 |

In addition, all cases entered into a client's registry, diagnosed on or before December 31, 2002, after the client's database has been converted to FORDS standards, must be coded using FORDS codes and definitions for the six items appearing in Table C-2.

| TABLE C-2. NAACCR Version 10 Surgery Items Coded Using FORDS After Conversion (Cases Diagnosed on or Before 12/31/01). | |
|---|---|
| **Item Name** | **Item #** |
| RX Hosp--Surg Prim Site | 670 |
| RX Hosp--Scope Reg LN Sur | 672 |
| RX Hosp--Surg Oth Reg/Dis | 674 |
| RX Summ--Surg Prim Site | 1290 |
| RX Summ--Scope Reg LN Sur | 1292 |
| RX Summ--Surg Oth Reg/Dis | 1294 |

All cases diagnosed on or after January 1, 2003, require the seven items listed in Table C-3 to be coded using FORDS codes and definitions.

| TABLE C-3. NAACCR Version 10 Surgery Items Coded Using FORDS (Cases Diagnosed on or After 1/1/03). | |
|---|---|
| **Item Name** | **Item #** |
| RX Hosp--Surg Prim Site | 670 |
| RX Hosp--Scope Reg LN Sur | 672 |
| RX Hosp--Surg Oth Reg/Dis | 674 |
| RX Summ--Surg Prim Site | 1290 |
| RX Summ--Scope Reg LN Sur | 1292 |
| RX Summ--Surg Oth Reg/Dis | 1294 |
| RX Summ--Surgical Margins | 1320 |

- **Data Collection of New Items.** NAACCR Version 10 implementation will require changes to data collection for new fields and changes to existing fields (including look-ups), state reporting programs, and updates/additions to existing report design.

- **Transmission of Converted Records.** FORDS is synonymous with the NAACCR Version 10 layout. Therefore, NAACCR Versions earlier than 10 will no longer be valid after conversion to FORDS. For data submissions to CoC, a case that has not been converted should not be transmitted using NAACCR Version 10.

- **Conversion Logs.** Vendors should provide conversion logs to assist the clients in identifying the changes to data that have been made and identifying any questionable data for review. Conversion logs should include a comprehensive list of code value changes, indicating for each record in the client's database pre-converted and converted code values. This is not provided in the year 2003 conversion algorithm package and may be vendor specific.

- **Technical Support and Education.** Vendors should not be expected to be the educational source for the year 2003 changes; education must be provided by standard-setters and CCRs. Vendors will be expected to support their software changes and assist reporting facilities and CCRs in data collection and reporting requirements. Vendors should provide training on the software upgrades, which include reference to the source for information on year 2003 changes. Inquiries about FORDS fields and conversions should be referred to CoC.

**Summary for Hospital Cancer Registrars and Reporting Facilities**

Important points for consideration when making the transition to FORDS standards include:

- **Review Data Reporting Requirements.** Version 10 of the NAACCR data exchange layout was largely developed in response to FORDS and the changes introduced by CoC's revisions to its data collection and reporting requirements for registries in approved cancer programs. Several new data items have been introduced with the publication of FORDS. Two tables listing data

items that are no longer required to be collected and data items required by approved cancer program registries are available on the CoC Web site at: http://www.facs.org/dept/cancer/coc/fordsmanual.html. Specific data items no longer collectable by CoC for approved cancer programs still may be required by state registries. Registrars need to check with local state registries for data requirements.

- **Prioritize Case Abstracting.** Registrars should prioritize their 2002 abstracting. Ideally, abstracting of 2002 cases should be complete before vendors convert registry data and/or begin to use FORDS-compatible software.

  To record data in a consistent manner and maintain standardized analytic interpretation (see pp. 9-10 of this document) of cases diagnosed on or before December 31, 2002, that are abstracted after the registry database is converted to FORDS standards will require that six surgery items be double-coded. CCRs should check with their software providers to determine whether on-the-fly forward conversion of "straggler" cases is facilitated. It is likely, however, that "straggler" cases will have to be manually double-coded, recording the ROADS code definitions for the surgery items listed in Table C-4 in addition to the six surgery items listed in Table C-5.

  ROADS code values must be used for all cases diagnosed on or before December 31, 2002, for the following 11 data items. All cases abstracted and entered into a reporting facility registry after data have been converted to FORDS standards that were diagnosed on or before December 31, 2002, are "straggler" cases and must be coded using ROADS codes and definitions for the 11 items listed in Table C-4.

**TABLE C-4. NAACCR Version 10 Surgery Items Coded Using ROADS After Conversion (Cases Diagnosed on or Before 12/31/02).**

| ROADS Data Item Name | NAACCR Item # |
|---|---|
| Surgery of the Primary Site at This Facility | 746 |
| Scope of Regional Lymph Node Surgery at this Facility | 747 |
| Number of Regional Lymph Nodes Removed at This Facility | 676 |
| Surgery of Other Regional Site(s), Distant Site(s) or Lymph Nodes at This Facility | 748 |
| Surgical Approach | 1310 |
| Surgery of the Primary Site | 1646 |
| Scope of Regional Lymph Node Surgery | 1647 |
| Number of Regional Lymph Nodes Examined | 1296 |
| Surgery of Other Regional Site(s), Distant Site(s) or Lymph Nodes | 1648 |
| Surgical Margins | 1320 |
| Reconstruction/Restoration - First Course | 1330 |

All cases entered into a hospital/reporting facility registry diagnosed on or before December 31, 2002, after the database has been converted to FORDS standards, must be coded using FORDS codes and definitions for the six items shown in Table C-5.

| TABLE C-5. NAACCR Version 10 Surgery Items Coded Using FORDS After Conversion (Cases Diagnosed on or Before 12/31/02). | |
|---|---|
| **FORDS Data Item Name** | **NAACCR Item #** |
| Surgery of the Primary Site at This Facility | 670 |
| Scope of Regional Lymph Node Surgery at This Facility | 672 |
| Surgery of Other Regional Site(s), Distant Site(s) or Lymph Nodes at This Facility | 674 |
| Surgery of the Primary Site | 1290 |
| Scope of Regional Lymph Node Surgery | 1292 |
| Surgery of Other Regional Site(s), Distant Site(s) or Lymph Nodes | 1294 |

All cases diagnosed on or after January 1, 2003, only require the seven items in Table C-6 to be coded using FORDS codes and definitions.

| TABLE C-6. NAACCR Version 10 Surgery Items Coded Using FORDS (Cases Diagnosed on or After 1/1/03). | |
|---|---|
| **FORDS Data Item Name** | **NAACCR Item #** |
| Surgery of The Primary Site at This Facility | 670 |
| Scope of Regional Lymph Node Surgery at This Facility | 672 |
| Surgery of Other Regional Site(s), Distant Site(s) or Lymph Nodes at This Facility | 674 |
| Surgery of the Primary Site | 1290 |
| Scope of Regional Lymph Node Surgery | 1293 |
| Surgery of Other Regional Site(s), Distant Site(s) or Lymph Nodes | 1294 |
| Surgical Margins | 1320 |

Code all other treatment items using FORDS coding rules, regardless of the diagnosis date.

Enter cases diagnosed on or after January 1, 2003, into a suspense file until the FORDS-compatible software upgrade becomes available. After the ROADS-to-FORDS conversion is complete, previously suspended cases can be coded and completed using FORDS.

# Appendix D: NAACCR Volume II, Version 10 Errata

The six items described in Table 1 on p. 10 of this document, are specified as follows in NAACCR "Standards for Cancer Registries, Volume II, Seventh Edition, Record Layout Version 10:"

- Chapter VIII: Record Layout Table (see rows/text on pp. 48 and 51 of this Appendix).
- Chapter IX: Required Status Table (see rows/text on pp. 58 and 60 of this Appendix).
- Chapter X: Data Descriptor Table (see rows/text on pp. 70, 73, and 74 of this Appendix).
- Chapter XI: Data Dictionary (see pages 83-89 of this Appendix).

## Chapter VIII: Record Layout Table

| Column # | Length | Item # | Item Name | Section | Note |
|---|---|---|---|---|---|
| 1-1 | 1 | 10 | Record Type | Record ID | |
| 2-9 | 8 | 20 | Patient ID Number | Record ID | |
| 10-10 | 1 | 30 | Registry Type | Record ID | |
| 11-11 | 1 | 35 | FIN Coding System | Record ID | |
| 12-18 | 7 | 37 | Reserved 00 | Record ID | Revised |
| 19-19 | 1 | 50 | NAACCR Record Version | Record ID | |
| 20-29 | 10 | 40 | Registry ID | Record ID | Revised |
| 30-31 | 2 | 60 | Tumor Record Number | Record ID | |
| 32-51 | 20 | 370 | Reserved 01 | Record ID | Revised |
| 52-71 | 20 | 70 | Addr at DX--City | Demographic | |
| 72-73 | 2 | 80 | Addr at DX--State | Demographic | |
| 74-82 | 9 | 100 | Addr at DX--Postal Code | Demographic | |
| 83-85 | 3 | 90 | County at DX | Demographic | |
| 86-91 | 6 | 110 | Census Tract 1970/80/90 | Demographic | Revised |
| 92-92 | 1 | 120 | Census Cod Sys 1970/80/90 | Demographic | Revised |
| 93-98 | 6 | 130 | Census Tract 2000 | Demographic | Revised |
| 99-99 | 1 | 362 | Census Tract Block Group | Demographic | |
| 100-100 | 1 | 364 | Census Tr Cert 1970/80/90 | Demographic | Revised |
| 101-101 | 1 | 365 | Census Tr Certainty 2000 | Demographic | New |
| 102-102 | 1 | 150 | Marital Status at DX | Demographic | |
| 103-104 | 2 | 160 | Race 1 | Demographic | |
| 105-106 | 2 | 161 | Race 2 | Demographic | |
| 107-108 | 2 | 162 | Race 3 | Demographic | |
| 109-110 | 2 | 163 | Race 4 | Demographic | |
| 111-112 | 2 | 164 | Race 5 | Demographic | |
| 113-113 | 1 | 170 | Race Coding Sys--Current | Demographic | |
| 114-114 | 1 | 180 | Race Coding Sys--Original | Demographic | |
| 115-115 | 1 | 190 | Spanish/Hispanic Origin | Demographic | |
| 116-116 | 1 | 200 | Computed Ethnicity | Demographic | |
| 117-117 | 1 | 210 | Computed Ethnicity Source | Demographic | |
| 118-118 | 1 | 220 | Sex | Demographic | |
| 119-121 | 3 | 230 | Age at Diagnosis | Demographic | |
| 122-129 | 8 | 240 | Birth Date | Demographic | |
| 130-132 | 3 | 250 | Birthplace | Demographic | |
| 133-134 | 2 | 260 | Religion | Demographic | |
| 135-137 | 3 | 270 | Occupation Code--Census | Demographic | |
| 138-140 | 3 | 280 | Industry Code--Census | Demographic | |
| 141-141 | 1 | 290 | Occupation Source | Demographic | |
| 142-142 | 1 | 300 | Industry Source | Demographic | |
| 143-182 | 40 | 310 | Text--Usual Occupation | Demographic | |
| 183-222 | 40 | 320 | Text--Usual Industry | Demographic | |
| 223-223 | 1 | 330 | Occup/Ind Coding System | Demographic | |
| 224-224 | 1 | 340 | Tobacco History | Demographic | |
| 225-225 | 1 | 350 | Alcohol History | Demographic | |
| 226-226 | 1 | 360 | Family History of Cancer | Demographic | |

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|---|---|---|---|---|---|
| 227-228 | 2 | 3300 | RuralUrban Continuum 1993 | Demographic | New |
| 229-230 | 2 | 3310 | RuralUrban Continuum 2000 | Demographic | New |
| 231-280 | 50 | 530 | Reserved 02 | Demographic | Revised |
| 281-282 | 2 | 380 | Sequence Number--Central | Cancer Identification | |
| 283-290 | 8 | 390 | Date of Diagnosis | Cancer Identification | |
| 291-294 | 4 | 400 | Primary Site | Cancer Identification | |
| 295-295 | 1 | 410 | Laterality | Cancer Identification | |
| 296-300 | 5 | 419 | Morph--Type&Behav ICD-O-2 | Cancer Identification | Group |
| 296-299 | 4 | 420 | Histology (92-00) ICD-O-2 | Cancer Identification | Subfield |
| 300-300 | 1 | 430 | Behavior (92-00) ICD-O-2 | Cancer Identification | Subfield |
| 301-304 | 4 | 522 | Histologic Type ICD-O-3 | Cancer Identification | Subfield |
| 301-305 | 5 | 521 | Morph--Type&Behav ICD-O-3 | Cancer Identification | Group |
| 305-305 | 1 | 523 | Behavior Code ICD-O-3 | Cancer Identification | Subfield |
| 306-306 | 1 | 440 | Grade | Cancer Identification | |
| 307-307 | 1 | 450 | Site Coding Sys--Current | Cancer Identification | |
| 308-308 | 1 | 460 | Site Coding Sys--Original | Cancer Identification | |
| 309-309 | 1 | 470 | Morph Coding Sys--Current | Cancer Identification | |
| 310-310 | 1 | 480 | Morph Coding Sys--Originl | Cancer Identification | |
| 311-311 | 1 | 490 | Diagnostic Confirmation | Cancer Identification | |
| 312-312 | 1 | 500 | Type of Reporting Source | Cancer Identification | |
| 313-320 | 8 | 510 | Screening Date | Cancer Identification | |
| 321-321 | 1 | 520 | Screening Result | Cancer Identification | |
| 322-371 | 50 | 680 | Reserved 03 | Cancer Identification | Revised |
| 372-381 | 10 | 538 | Reporting Hospital FAN | Hospital-Specific | |
| 382-391 | 10 | 540 | Reporting Hospital | Hospital-Specific | Revised |
| 392-401 | 10 | 3100 | Archive FIN | Hospital-Specific | New |
| 402-410 | 9 | 550 | Accession Number--Hosp | Hospital-Specific | |
| 411-412 | 2 | 560 | Sequence Number--Hospital | Hospital-Specific | |
| 413-415 | 3 | 570 | Abstracted By | Hospital-Specific | |
| 416-423 | 8 | 580 | Date of 1st Contact | Hospital-Specific | |
| 424-431 | 8 | 590 | Date of Inpatient Adm | Hospital-Specific | |
| 432-439 | 8 | 600 | Date of Inpatient Disch | Hospital-Specific | |
| 440-440 | 1 | 610 | Class of Case | Hospital-Specific | |
| 441-444 | 4 | 620 | Year First Seen This CA | Hospital-Specific | |
| 445-446 | 2 | 630 | Primary Payer at DX | Hospital-Specific | |
| 447-447 | 1 | 640 | Inpatient/Outpt Status | Hospital-Specific | |
| 448-448 | 1 | 650 | Presentation at CA Conf | Hospital-Specific | |
| 449-456 | 8 | 660 | Date of CA Conference | Hospital-Specific | |
| 457-458 | 2 | 670 | RX Hosp--Surg Prim Site | Hospital-Specific | |
| 459-459 | 1 | 672 | RX Hosp--Scope Reg LN Sur | Hospital-Specific | |
| 460-460 | 1 | 674 | RX Hosp--Surg Oth Reg/Dis | Hospital-Specific | |
| 461-462 | 2 | 676 | RX Hosp--Reg LN Removed | Hospital-Specific | |
| 463-463 | 1 | 690 | RX Hosp--Radiation | Hospital-Specific | |
| 464-465 | 2 | 700 | RX Hosp--Chemo | Hospital-Specific | Revised |
| 466-467 | 2 | 710 | RX Hosp--Hormone | Hospital-Specific | Revised |
| 468-469 | 2 | 720 | RX Hosp--BRM | Hospital-Specific | Revised |
| 470-470 | 1 | 730 | RX Hosp--Other | Hospital-Specific | |

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| 471-472 | 2 | 740 | RX Hosp--DX/Stg Proc | Hospital-Specific | Revised |
| 473-473 | 1 | 3280 | RX Hosp--Palliative Proc | Hospital-Specific | New |
| 474-474 | 1 | 742 | RX Hosp--Screen/BX Proc1 | Hospital-Specific | |
| 475-475 | 1 | 743 | RX Hosp--Screen/BX Proc2 | Hospital-Specific | |
| 476-476 | 1 | 744 | RX Hosp--Screen/BX Proc3 | Hospital-Specific | |
| 477-477 | 1 | 745 | RX Hosp--Screen/BX Proc4 | Hospital-Specific | |
| 478-479 | 2 | 746 | RX Hosp--Surg Site 98-02 | Hospital Specific | New |
| 480-480 | 1 | 747 | RX Hosp--Scope Reg 98-02 | Hospital Specific | New |
| 481-481 | 1 | 748 | RX Hosp--Surg Oth 98-02 | Hospital Specific | New |
| 482-527 | 46 | 750 | Reserved 04 | Hospital-Specific | Revised |
| 528-528 | 1 | 759 | SEER Summary Stage 2000 | Stage/Prognostic Factors | |
| 529-529 | 1 | 760 | SEER Summary Stage 1977 | Stage/Prognostic Factors | |
| 530-530 | 1 | 770 | Loc/Reg/Distant Stage | Stage/Prognostic Factors | |
| 531-542 | 12 | 779 | Extent of Disease 10-Dig | Stage/Prognostic Factors | Group |
| 531-533 | 3 | 780 | EOD--Tumor Size | Stage/Prognostic Factors | Subfield |
| 534-535 | 2 | 790 | EOD--Extension | Stage/Prognostic Factors | Subfield |
| 536-537 | 2 | 800 | EOD--Extension Prost Path | Stage/Prognostic Factors | Subfield |
| 538-538 | 1 | 810 | EOD--Lymph Node Involv | Stage/Prognostic Factors | Subfield |
| 539-540 | 2 | 820 | Regional Nodes Positive | Stage/Prognostic Factors | Subfield |
| 541-542 | 2 | 830 | Regional Nodes Examined | Stage/Prognostic Factors | Subfield |
| 543-555 | 13 | 840 | EOD--Old 13 Digit | Stage/Prognostic Factors | |
| 556-557 | 2 | 850 | EOD--Old 2 Digit | Stage/Prognostic Factors | |
| 558-561 | 4 | 860 | EOD--Old 4 Digit | Stage/Prognostic Factors | |
| 562-562 | 1 | 870 | Coding System for EOD | Stage/Prognostic Factors | |
| 563-564 | 2 | 880 | TNM Path T | Stage/Prognostic Factors | |
| 565-566 | 2 | 890 | TNM Path N | Stage/Prognostic Factors | |
| 567-568 | 2 | 900 | TNM Path M | Stage/Prognostic Factors | |
| 569-570 | 2 | 910 | TNM Path Stage Group | Stage/Prognostic Factors | |
| 571-571 | 1 | 920 | TNM Path Descriptor | Stage/Prognostic Factors | |
| 572-572 | 1 | 930 | TNM Path Staged By | Stage/Prognostic Factors | |
| 573-574 | 2 | 940 | TNM Clin T | Stage/Prognostic Factors | |
| 575-576 | 2 | 950 | TNM Clin N | Stage/Prognostic Factors | |
| 577-578 | 2 | 960 | TNM Clin M | Stage/Prognostic Factors | |
| 579-580 | 2 | 970 | TNM Clin Stage Group | Stage/Prognostic Factors | |
| 581-581 | 1 | 980 | TNM Clin Descriptor | Stage/Prognostic Factors | |
| 582-582 | 1 | 990 | TNM Clin Staged By | Stage/Prognostic Factors | |
| 583-584 | 2 | 1000 | TNM Other T | Stage/Prognostic Factors | |
| 585-586 | 2 | 1010 | TNM Other N | Stage/Prognostic Factors | |
| 587-588 | 2 | 1020 | TNM Other M | Stage/Prognostic Factors | |
| 589-590 | 2 | 1030 | TNM Other Stage Group | Stage/Prognostic Factors | |
| 591-591 | 1 | 1040 | TNM Other Staged By | Stage/Prognostic Factors | |
| 592-592 | 1 | 1050 | TNM Other Descriptor | Stage/Prognostic Factors | |
| 593-594 | 2 | 1060 | TNM Edition Number | Stage/Prognostic Factors | Revised |
| 595-609 | 15 | 1070 | Other Staging System | Stage/Prognostic Factors | |
| 610-617 | 8 | 1080 | Date of 1st Positive BX | Stage/Prognostic Factors | |
| 618-618 | 1 | 1090 | Site of Distant Met 1 | Stage/Prognostic Factors | |
| 619-619 | 1 | 1100 | Site of Distant Met 2 | Stage/Prognostic Factors | |

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| 620-620 | 1 | 1110 | Site of Distant Met 3 | Stage/Prognostic Factors | |
| 621-622 | 2 | 1120 | Pediatric Stage | Stage/Prognostic Factors | |
| 623-624 | 2 | 1130 | Pediatric Staging System | Stage/Prognostic Factors | |
| 625-625 | 1 | 1140 | Pediatric Staged By | Stage/Prognostic Factors | |
| 626-626 | 1 | 1150 | Tumor Marker 1 | Stage/Prognostic Factors | |
| 627-627 | 1 | 1160 | Tumor Marker 2 | Stage/Prognostic Factors | |
| 628-628 | 1 | 1170 | Tumor Marker 3 | Stage/Prognostic Factors | |
| 629-631 | 3 | 2800 | CS Tumor Size | Stage/Prognostic Factors | New |
| 632-633 | 2 | 2810 | CS Extension | Stage/Prognostic Factors | New |
| 634-634 | 1 | 2820 | CS Tumor Size/Ext Eval | Stage/Prognostic Factors | New |
| 635-636 | 2 | 2830 | CS Lymph Nodes | Stage/Prognostic Factors | New |
| 637-637 | 1 | 2840 | CS Reg Nodes Eval | Stage/Prognostic Factors | New |
| 638-639 | 2 | 2850 | CS Mets at DX | Stage/Prognostic Factors | New |
| 640-640 | 1 | 2860 | CS Mets Eval | Stage/Prognostic Factors | New |
| 641-643 | 3 | 2880 | CS Site-Specific Factor 1 | Stage/Prognostic Factors | New |
| 644-646 | 3 | 2890 | CS Site-Specific Factor 2 | Stage/Prognostic Factors | New |
| 647-649 | 3 | 2900 | CS Site-Specific Factor 3 | Stage/Prognostic Factors | New |
| 650-652 | 3 | 2910 | CS Site-Specific Factor 4 | Stage/Prognostic Factors | New |
| 653-655 | 3 | 2920 | CS Site-Specific Factor 5 | Stage/Prognostic Factors | New |
| 656-658 | 3 | 2930 | CS Site-Specific Factor 6 | Stage/Prognostic Factors | New |
| 659-660 | 2 | 2940 | Derived AJCC T | Stage/Prognostic Factors | New |
| 661-661 | 1 | 2950 | Derived AJCC T Descriptor | Stage/Prognostic Factors | New |
| 662-663 | 2 | 2960 | Derived AJCC N | Stage/Prognostic Factors | New |
| 664-664 | 1 | 2970 | Derived AJCC N Descriptor | Stage/Prognostic Factors | New |
| 665-666 | 2 | 2980 | Derived AJCC M | Stage/Prognostic Factors | New |
| 667-667 | 1 | 2990 | Derived AJCC M Descriptor | Stage/Prognostic Factors | New |
| 668-669 | 2 | 3000 | Derived AJCC Stage Group | Stage/Prognostic Factors | New |
| 670-670 | 1 | 3010 | Derived SS1977 | Stage/Prognostic Factors | New |
| 671-671 | 1 | 3020 | Derived SS2000 | Stage/Prognostic Factors | New |
| 672-672 | 1 | 3030 | Derived AJCC--Flag | Stage/Prognostic Factors | New |
| 673-673 | 1 | 3040 | Derived SS1977--Flag | Stage/Prognostic Factors | New |
| 674-674 | 1 | 3050 | Derived SS2000--Flag | Stage/Prognostic Factors | New |
| 675-679 | 5 | 3110 | Comorbid/Complication 1 | Stage/Prognostic Factors | New |
| 680-684 | 5 | 3120 | Comorbid/Complication 2 | Stage/Prognostic Factors | New |
| 685-689 | 5 | 3130 | Comorbid/Complication 3 | Stage/Prognostic Factors | New |
| 690-694 | 5 | 3140 | Comorbid/Complication 4 | Stage/Prognostic Factors | New |
| 695-699 | 5 | 3150 | Comorbid/Complication 5 | Stage/Prognostic Factors | New |
| 700-704 | 5 | 3160 | Comorbid/Complication 6 | Stage/Prognostic Factors | New |
| 705-754 | 50 | 1180 | Reserved 05 | Stage/Prognostic Factors | Revised |
| 755-762 | 8 | 1200 | RX Date--Surgery | Treatment-1st Course | |
| 763-770 | 8 | 3170 | RX Date--Most Defin Surg | Treatment-1st Course | New |
| 771-778 | 8 | 3180 | RX Date--Surgical Disch | Treatment-1st Course | New |
| 779-786 | 8 | 1210 | RX Date--Radiation | Treatment-1st Course | |
| 787-794 | 8 | 3220 | RX Date--Radiation Ended | Treatment-1st Course | New |
| 795-802 | 8 | 3230 | RX Date--Systemic | Treatment-1st Course | New |
| 803-810 | 8 | 1220 | RX Date--Chemo | Treatment-1st Course | |
| 811-818 | 8 | 1230 | RX Date--Hormone | Treatment-1st Course | |

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| 819-826 | 8 | 1240 | RX Date--BRM | Treatment-1st Course | |
| 827-834 | 8 | 1250 | RX Date--Other | Treatment-1st Course | |
| 835-842 | 8 | 1260 | Date of Initial RX--SEER | Treatment-1st Course | |
| 843-850 | 8 | 1270 | Date of 1st Crs RX--COC | Treatment-1st Course | |
| 851-858 | 8 | 1280 | RX Date--DX/Stg Proc | Treatment-1st Course | Revised |
| 859-860 | 2 | 1290 | RX Summ--Surg Prim Site | Treatment-1st Course | |
| 861-861 | 1 | 1292 | RX Summ--Scope Reg LN Sur | Treatment-1st Course | |
| 862-862 | 1 | 1294 | RX Summ--Surg Oth Reg/Dis | Treatment-1st Course | |
| 863-864 | 2 | 1296 | RX Summ--Reg LN Examined | Treatment-1st Course | |
| 865-865 | 1 | 1310 | RX Summ--Surgical Approch | Treatment-1st Course | |
| 866-866 | 1 | 1320 | RX Summ--Surgical Margins | Treatment-1st Course | |
| 867-867 | 1 | 1330 | RX Summ--Reconstruct 1st | Treatment-1st Course | |
| 868-868 | 1 | 1340 | Reason for No Surgery | Treatment-1st Course | |
| 869-870 | 2 | 1350 | RX Summ--DX/Stg Proc | Treatment-1st Course | Revised |
| 871-871 | 1 | 3270 | RX Summ--Palliative Proc | Treatment-1st Course | New |
| 872-872 | 1 | 3260 | Pain Assessment | Treatment-1st Course | New |
| 873-873 | 1 | 1360 | RX Summ--Radiation | Treatment-1st Course | |
| 874-874 | 1 | 1370 | RX Summ--Rad to CNS | Treatment-1st Course | |
| 875-875 | 1 | 1380 | RX Summ--Surg/Rad Seq | Treatment-1st Course | |
| 876-877 | 2 | 3250 | RX Summ--Transplnt/Endocr | Treatment-1st Course | New |
| 878-879 | 2 | 1390 | RX Summ--Chemo | Treatment-1st Course | Revised |
| 880-881 | 2 | 1400 | RX Summ--Hormone | Treatment-1st Course | Revised |
| 882-883 | 2 | 1410 | RX Summ--BRM | Treatment-1st Course | Revised |
| 884-884 | 1 | 1420 | RX Summ--Other | Treatment-1st Course | |
| 885-885 | 1 | 1430 | Reason for No Radiation | Treatment-1st Course | |
| 886-886 | 1 | 1440 | Reason for No Chemo | Treatment-1st Course | |
| 887-887 | 1 | 1450 | Reason for No Hormone | Treatment-1st Course | |
| 888-889 | 2 | 1460 | RX Coding System--Current | Treatment-1st Course | Revised |
| 890-890 | 1 | 1470 | Protocol Eligibility Stat | Treatment-1st Course | |
| 891-892 | 2 | 1480 | Protocol Participation | Treatment-1st Course | |
| 893-893 | 1 | 1490 | Referral to Support Serv | Treatment-1st Course | |
| 894-894 | 1 | 1500 | First Course Calc Method | Treatment-1st Course | |
| 895-899 | 5 | 1510 | Rad--Regional Dose: cGy | Treatment-1st Course | |
| 900-901 | 2 | 1520 | Rad--No of Treatment Vol | Treatment-1st Course | |
| 902-904 | 3 | 1530 | Rad--Elapsed RX Days | Treatment-1st Course | |
| 905-906 | 2 | 1540 | Rad--Treatment Volume | Treatment-1st Course | |
| 907-907 | 1 | 1550 | Rad--Location of RX | Treatment-1st Course | |
| 908-908 | 1 | 1560 | Rad--Intent of Treatment | Treatment-1st Course | |
| 909-910 | 2 | 1570 | Rad--Regional RX Modality | Treatment-1st Course | |
| 911-912 | 2 | 3200 | Rad--Boost RX Modality | Treatment-1st Course | New |
| 913-917 | 5 | 3210 | Rad--Boost Dose cGy | Treatment-1st Course | New |
| 918-918 | 1 | 1580 | Rad--RX Completion Status | Treatment-1st Course | |
| 919-919 | 1 | 1590 | Rad--Local Control Status | Treatment-1st Course | |
| 920-922 | 3 | 1600 | Chemotherapy Field 1 | Treatment-1st Course | |
| 923-925 | 3 | 1610 | Chemotherapy Field 2 | Treatment-1st Course | |
| 926-928 | 3 | 1620 | Chemotherapy Field 3 | Treatment-1st Course | |
| 929-931 | 3 | 1630 | Chemotherapy Field 4 | Treatment-1st Course | |

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| 932-933 | 2 | 1640 | RX Summ--Surgery Type | Treatment-1st Course | |
| 934-934 | 1 | 1642 | RX Summ--Screen/BX Proc1 | Treatment-1st Course | |
| 935-935 | 1 | 1643 | RX Summ--Screen/BX Proc2 | Treatment-1st Course | |
| 936-936 | 1 | 1644 | RX Summ--Screen/BX Proc3 | Treatment-1st Course | |
| 937-937 | 1 | 1645 | RX Summ--Screen/BX Proc4 | Treatment-1st Course | |
| 938-938 | 1 | 3190 | Readm Same Hosp 30 Days | Treatment-1st Course | New |
| 939-940 | 2 | 1646 | RX Summ--Surg Site 98-02 | Treatment-1st Course | New |
| 941-941 | 1 | 1647 | RX Summ--Scope Reg 98-02 | Treatment-1st Course | New |
| 942-942 | 1 | 1648 | RX Summ--Surg Oth 98-02 | Treatment-1st Course | New |
| 943-987 | 45 | 1190 | Reserved 06 | Treatment-1st Course | Revised |
| 988-995 | 8 | 1660 | Subsq RX 2nd Course Date | Treatment-Subsequent & Other | |
| 996-1002 | 7 | 1670 | Subsq RX 2nd Course Codes | Treatment-Subsequent & Other | Group |
| 996-997 | 2 | 1671 | Subsq RX 2nd Course Surg | Treatment-Subsequent & Other | Subfield |
| 998-998 | 1 | 1672 | Subsq RX 2nd Course Rad | Treatment-Subsequent & Other | Subfield |
| 999-999 | 1 | 1673 | Subsq RX 2nd Course Chemo | Treatment-Subsequent & Other | Subfield |
| 1000-1000 | 1 | 1674 | Subsq RX 2nd Course Horm | Treatment-Subsequent & Other | Subfield |
| 1001-1001 | 1 | 1675 | Subsq RX 2nd Course BRM | Treatment-Subsequent & Other | Subfield |
| 1002-1002 | 1 | 1676 | Subsq RX 2nd Course Oth | Treatment-Subsequent & Other | Subfield |
| 1003-1010 | 8 | 1680 | Subsq RX 3rd Course Date | Treatment-Subsequent & Other | |
| 1011-1017 | 7 | 1690 | Subsq RX 3rd Course Codes | Treatment-Subsequent & Other | Group |
| 1011-1012 | 2 | 1691 | Subsq RX 3rd Course Surg | Treatment-Subsequent & Other | Subfield |
| 1013-1013 | 1 | 1692 | Subsq RX 3rd Course Rad | Treatment-Subsequent & Other | Subfield |
| 1014-1014 | 1 | 1693 | Subsq RX 3rd Course Chemo | Treatment-Subsequent & Other | Subfield |
| 1015-1015 | 1 | 1694 | Subsq RX 3rd Course Horm | Treatment-Subsequent & Other | Subfield |
| 1016-1016 | 1 | 1695 | Subsq RX 3rd Course BRM | Treatment-Subsequent & Other | Subfield |
| 1017-1017 | 1 | 1696 | Subsq RX 3rd Course Oth | Treatment-Subsequent & Other | Subfield |
| 1018-1025 | 8 | 1700 | Subsq RX 4th Course Date | Treatment-Subsequent & Other | |
| 1026-1032 | 7 | 1710 | Subsq RX 4th Course Codes | Treatment-Subsequent & Other | Group |
| 1026-1027 | 2 | 1711 | Subsq RX 4th Course Surg | Treatment-Subsequent & Other | Subfield |
| 1028-1028 | 1 | 1712 | Subsq RX 4th Course Rad | Treatment-Subsequent & Other | Subfield |
| 1029-1029 | 1 | 1713 | Subsq RX 4th Course Chemo | Treatment-Subsequent & Other | Subfield |
| 1030-1030 | 1 | 1714 | Subsq RX 4th Course Horm | Treatment-Subsequent & Other | Subfield |
| 1031-1031 | 1 | 1715 | Subsq RX 4th Course BRM | Treatment-Subsequent & Other | Subfield |
| 1032-1032 | 1 | 1716 | Subsq RX 4th Course Oth | Treatment-Subsequent & Other | Subfield |
| 1033-1040 | 8 | 1720 | Subsq RX 5th Course Date | Treatment-Subsequent & Other | |
| 1041-1047 | 7 | 1730 | Subsq RX 5th Course Codes | Treatment-Subsequent & Other | Group |
| 1041-1042 | 2 | 1731 | Subsq RX 5th Course Surg | Treatment-Subsequent & Other | Subfield |
| 1043-1043 | 1 | 1732 | Subsq RX 5th Course Rad | Treatment-Subsequent & Other | Subfield |
| 1044-1044 | 1 | 1733 | Subsq RX 5th Course Chemo | Treatment-Subsequent & Other | Subfield |
| 1045-1045 | 1 | 1734 | Subsq RX 5th Course Horm | Treatment-Subsequent & Other | Subfield |
| 1046-1046 | 1 | 1735 | Subsq RX 5th Course BRM | Treatment-Subsequent & Other | Subfield |
| 1047-1047 | 1 | 1736 | Subsq RX 5th Course Oth | Treatment-Subsequent & Other | Subfield |
| 1048-1048 | 1 | 1677 | Subsq RX 2nd--Scope LN SU | Treatment-Subsequent & Other | |
| 1049-1049 | 1 | 1678 | Subsq RX 2nd--Surg Oth | Treatment-Subsequent & Other | |
| 1050-1051 | 2 | 1679 | Subsq RX 2nd--Reg LN Rem | Treatment-Subsequent & Other | |
| 1052-1052 | 1 | 1697 | Subsq RX 3rd--Scope LN Su | Treatment-Subsequent & Other | |
| 1053-1053 | 1 | 1698 | Subsq RX 3rd--Surg Oth | Treatment-Subsequent & Other | |

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| 1054-1055 | 2 | 1699 | Subsq RX 3rd--Reg LN Rem | Treatment-Subsequent & Other | |
| 1056-1056 | 1 | 1717 | Subsq RX 4th--Scope LN Su | Treatment-Subsequent & Other | |
| 1057-1057 | 1 | 1718 | Subsq RX 4th--Surg Oth | Treatment-Subsequent & Other | |
| 1058-1059 | 2 | 1719 | Subsq RX 4th--Reg LN Rem | Treatment-Subsequent & Other | |
| 1060-1060 | 1 | 1737 | Subsq RX 5th--Scope LN Su | Treatment-Subsequent & Other | |
| 1061-1061 | 1 | 1738 | Subsq RX 5th--Surg Oth | Treatment-Subsequent & Other | |
| 1062-1063 | 2 | 1739 | Subsq RX 5th--Reg LN Rem | Treatment-Subsequent & Other | |
| 1064-1064 | 1 | 1741 | Subsq RX--Reconstruct Del | Treatment-Subsequent & Other | |
| 1065-1114 | 50 | 1300 | Reserved 07 | Treatment-Subsequent & Other | Revised |
| 1115-1115 | 1 | 1981 | Over-ride SS/NodesPos | Edit Overrides/Conversion History/System Admin | |
| 1116-1116 | 1 | 1982 | Over-ride SS/TNM-N | Edit Overrides/Conversion History/System Admin | |
| 1117-1117 | 1 | 1983 | Over-ride SS/TNM-M | Edit Overrides/Conversion History/System Admin | |
| 1118-1118 | 1 | 1984 | Over-ride SS/DisMet1 | Edit Overrides/Conversion History/System Admin | |
| 1119-1119 | 1 | 1985 | Over-ride Acsn/Class/Seq | Edit Overrides/Conversion History/System Admin | |
| 1120-1120 | 1 | 1986 | Over-ride HospSeq/DxConf | Edit Overrides/Conversion History/System Admin | |
| 1121-1121 | 1 | 1987 | Over-ride COC-Site/Type | Edit Overrides/Conversion History/System Admin | |
| 1122-1122 | 1 | 1988 | Over-ride HospSeq/Site | Edit Overrides/Conversion History/System Admin | |
| 1123-1123 | 1 | 1989 | Over-ride Site/TNM-StgGrp | Edit Overrides/Conversion History/System Admin | |
| 1124-1124 | 1 | 1990 | Over-ride Age/Site/Morph | Edit Overrides/Conversion History/System Admin | |
| 1125-1125 | 1 | 2000 | Over-ride SeqNo/DxConf | Edit Overrides/Conversion History/System Admin | |
| 1126-1126 | 1 | 2010 | Over-ride Site/Lat/SeqNo | Edit Overrides/Conversion History/System Admin | |
| 1127-1127 | 1 | 2020 | Over-ride Surg/DxConf | Edit Overrides/Conversion History/System Admin | |
| 1128-1128 | 1 | 2030 | Over-ride Site/Type | Edit Overrides/Conversion History/System Admin | |
| 1129-1129 | 1 | 2040 | Over-ride Histology | Edit Overrides/Conversion History/System Admin | |
| 1130-1130 | 1 | 2050 | Over-ride Report Source | Edit Overrides/Conversion History/System Admin | |
| 1131-1131 | 1 | 2060 | Over-ride Ill-define Site | Edit Overrides/Conversion History/System Admin | |
| 1132-1132 | 1 | 2070 | Over-ride Leuk, Lymphoma | Edit Overrides/Conversion History/System Admin | |
| 1133-1133 | 1 | 2071 | Over-ride Site/Behavior | Edit Overrides/Conversion History/System Admin | |
| 1134-1134 | 1 | 2072 | Over-ride Site/EOD/DX Dt | Edit Overrides/Conversion History/System Admin | |
| 1135-1135 | 1 | 2073 | Over-ride Site/Lat/EOD | Edit Overrides/Conversion History/System Admin | |
| 1136-1136 | 1 | 2074 | Over-ride Site/Lat/Morph | Edit Overrides/Conversion History/System Admin | |
| 1137-1140 | 4 | 1960 | Site (73-91) ICD-O-1 | Edit Overrides/Conversion History/System Admin | |
| 1141-1146 | 6 | 1970 | Morph (73-91) ICD-O-1 | Edit Overrides/Conversion History/System Admin | Group |

| Column # | Length | Item # | Item Name | Section | Note |
|---|---|---|---|---|---|
| 1141-1144 | 4 | 1971 | Histology (73-91) ICD-O-1 | Edit Overrides/Conversion History/System Admin | Subfield |
| 1145-1145 | 1 | 1972 | Behavior (73-91) ICD-O-1 | Edit Overrides/Conversion History/System Admin | Subfield |
| 1146-1146 | 1 | 1973 | Grade (73-91) ICD-O-1 | Edit Overrides/Conversion History/System Admin | Subfield |
| 1147-1147 | 1 | 1980 | ICD-O-2 Conversion Flag | Edit Overrides/Conversion History/System Admin | |
| 1148-1155 | 8 | 2114 | Future Use Timeliness 1 | Edit Overrides/Conversion History/System Admin | |
| 1156-1163 | 8 | 2115 | Future Use Timeliness 2 | Edit Overrides/Conversion History/System Admin | |
| 1164-1173 | 10 | 2081 | CRC CHECKSUM | Edit Overrides/Conversion History/System Admin | |
| 1174-1181 | 8 | 2090 | Date Case Completed | Edit Overrides/Conversion History/System Admin | |
| 1182-1189 | 8 | 2100 | Date Case Last Changed | Edit Overrides/Conversion History/System Admin | |
| 1190-1197 | 8 | 2110 | Date Case Report Exported | Edit Overrides/Conversion History/System Admin | |
| 1198-1198 | 1 | 2120 | SEER Coding Sys--Current | Edit Overrides/Conversion History/System Admin | |
| 1199-1199 | 1 | 2130 | SEER Coding Sys--Original | Edit Overrides/Conversion History/System Admin | |
| 1200-1201 | 2 | 2140 | COC Coding Sys--Current | Edit Overrides/Conversion History/System Admin | Revised |
| 1202-1203 | 2 | 2150 | COC Coding Sys--Original | Edit Overrides/Conversion History/System Admin | Revised |
| 1204-1213 | 10 | 2170 | Vendor Name | Edit Overrides/Conversion History/System Admin | |
| 1214-1214 | 1 | 2180 | SEER Type of Follow-Up | Edit Overrides/Conversion History/System Admin | |
| 1215-1216 | 2 | 2190 | SEER Record Number | Edit Overrides/Conversion History/System Admin | |
| 1217-1218 | 2 | 2200 | Diagnostic Proc 73-87 | Edit Overrides/Conversion History/System Admin | |
| 1219-1226 | 8 | 2111 | Date Case Report Received | Edit Overrides/Conversion History/System Admin | |
| 1227-1234 | 8 | 2112 | Date Case Report Loaded | Edit Overrides/Conversion History/System Admin | |
| 1235-1242 | 8 | 2113 | Date Tumor Record Availbl | Edit Overrides/Conversion History/System Admin | |
| 1243-1243 | 1 | 2116 | ICD-O-3 Conversion Flag | Edit Overrides/Conversion History/System Admin | |
| 1244-1293 | 50 | 1650 | Reserved 08 | Edit Overrides/Conversion History/System Admin | Revised |
| 1294-1301 | 8 | 1750 | Date of Last Contact | Follow-up/Recurrence/Death | |
| 1302-1302 | 1 | 1760 | Vital Status | Follow-Up/Recurrence/Death | |
| 1303-1303 | 1 | 1770 | Cancer Status | Follow-up/Recurrence/Death | |
| 1304-1304 | 1 | 1780 | Quality of Survival | Follow-Up/Recurrence/Death | |
| 1305-1305 | 1 | 1790 | Follow-Up Source | Follow-Up/Recurrence/Death | |
| 1306-1306 | 1 | 1800 | Next Follow-Up Source | Follow-Up/Recurrence/Death | |
| 1307-1326 | 20 | 1810 | Addr Current--City | Follow-Up/Recurrence/Death | |
| 1327-1328 | 2 | 1820 | Addr Current--State | Follow-Up/Recurrence/Death | |
| 1329-1337 | 9 | 1830 | Addr Current--Postal Code | Follow-Up/Recurrence/Death | |
| 1338-1340 | 3 | 1840 | County--Current | Follow-Up/Recurrence/Death | |
| 1341-1341 | 1 | 1850 | Unusual Follow-Up Method | Follow-Up/Recurrence/Death | |

| Column # | Length | Item # | Item Name | Section | Note |
|---|---|---|---|---|---|
| 1342-1349 | 8 | 1860 | Recurrence Date--1st | Follow-Up/Recurrence/Death | |
| 1350-1350 | 1 | 1871 | Recurrence Distant Site 1 | Follow-Up/Recurrence/Death | |
| 1351-1351 | 1 | 1872 | Recurrence Distant Site 2 | Follow-Up/Recurrence/Death | |
| 1352-1352 | 1 | 1873 | Recurrence Distant Site 3 | Follow-Up/Recurrence/Death | |
| 1353-1354 | 2 | 1880 | Recurrence Type--1st | Follow-Up/Recurrence/Death | |
| 1355-1356 | 2 | 1890 | Recurrence Type--1st--Oth | Follow-Up/Recurrence/Death | |
| 1357-1376 | 20 | 1842 | Follow-Up Contact--City | Follow-Up/Recurrence/Death | |
| 1377-1378 | 2 | 1844 | Follow-Up Contact--State | Follow-Up/Recurrence/Death | |
| 1379-1387 | 9 | 1846 | Follow-Up Contact--Postal | Follow-Up/Recurrence/Death | |
| 1388-1391 | 4 | 1910 | Cause of Death | Follow-Up/Recurrence/Death | |
| 1392-1392 | 1 | 1920 | ICD Revision Number | Follow-Up/Recurrence/Death | |
| 1393-1393 | 1 | 1930 | Autopsy | Follow-Up/Recurrence/Death | |
| 1394-1396 | 3 | 1940 | Place of Death | Follow-Up/Recurrence/Death | |
| 1397-1446 | 50 | 1740 | Reserved 09 | Follow-Up/Recurrence/Death | Revised |
| 1447-1946 | 500 | 2220 | State/Requestor Items | Special Use | |
| 1947-1971 | 25 | 2230 | Name--Last | Patient-Confidential | |
| 1972-1985 | 14 | 2240 | Name--First | Patient-Confidential | |
| 1986-1999 | 14 | 2250 | Name--Middle | Patient-Confidential | |
| 2000-2002 | 3 | 2260 | Name--Prefix | Patient-Confidential | |
| 2003-2005 | 3 | 2270 | Name--Suffix | Patient-Confidential | |
| 2006-2020 | 15 | 2280 | Name--Alias | Patient-Confidential | |
| 2021-2035 | 15 | 2390 | Name--Maiden | Patient-Confidential | |
| 2036-2085 | 50 | 2290 | Name--Spouse/Parent | Patient-Confidential | |
| 2086-2096 | 11 | 2300 | Medical Record Number | Patient-Confidential | |
| 2097-2098 | 2 | 2310 | Military Record No Suffix | Patient-Confidential | |
| 2099-2107 | 9 | 2320 | Social Security Number | Patient-Confidential | |
| 2108-2147 | 40 | 2330 | Addr at DX--No & Street | Patient-Confidential | Revised |
| 2148-2187 | 40 | 2335 | Addr at DX--Supplementl | Patient-Confidential | New |
| 2188-2227 | 40 | 2350 | Addr Current--No & Street | Patient-Confidential | Revised |
| 2228-2267 | 40 | 2355 | Addr Current--Supplementl | Patient-Confidential | New |
| 2268-2277 | 10 | 2360 | Telephone | Patient-Confidential | |
| 2278-2283 | 6 | 2380 | DC State File Number | Patient-Confidential | |
| 2284-2313 | 30 | 2394 | Follow-Up Contact--Name | Patient-Confidential | |
| 2314-2353 | 40 | 2392 | Follow-Up Contact--No&St | Patient-Confidential | Revised |
| 2354-2393 | 40 | 2393 | Follow-Up Contact--Suppl | Patient-Confidential | New |
| 2394-2403 | 10 | 2352 | Latitude | Patient-Confidential | New |
| 2404-2414 | 11 | 2354 | Longitude | Patient-Confidential | New |
| 2415-2464 | 50 | 1835 | Reserved 10 | Patient-Confidential | Revised |
| 2465-2474 | 10 | 2430 | Last Follow-Up Hospital | Hospital-Confidential | Revised |
| 2475-2484 | 10 | 2440 | Following Registry | Hospital-Confidential | Revised |
| 2485-2494 | 10 | 2410 | Institution Referred From | Hospital-Confidential | Revised |
| 2495-2504 | 10 | 2420 | Institution Referred To | Hospital-Confidential | Revised |
| 2505-2554 | 50 | 1900 | Reserved 11 | Hospital-Confidential | Revised |
| 2555-2562 | 8 | 2460 | Physician--Managing | Other-Confidential | |
| 2563-2570 | 8 | 2470 | Physician--Follow-Up | Other-Confidential | |
| 2571-2578 | 8 | 2480 | Physician--Primary Surg | Other-Confidential | |
| 2579-2586 | 8 | 2490 | Physician 3 | Other-Confidential | |

| Column # | Length | Item # | Item Name | Section | Note |
|---|---|---|---|---|---|
| 2587-2594 | 8 | 2500 | Physician 4 | Other-Confidential | |
| 2595-2644 | 50 | 1950 | Reserved 12 | Other-Confidential | Revised |
| 2645-2844 | 200 | 2520 | Text--DX Proc--PE | Text-Diagnosis | |
| 2845-3094 | 250 | 2530 | Text--DX Proc--X-ray/Scan | Text-Diagnosis | |
| 3095-3344 | 250 | 2540 | Text--DX Proc--Scopes | Text-Diagnosis | |
| 3345-3594 | 250 | 2550 | Text--DX Proc--Lab Tests | Text-Diagnosis | |
| 3595-3844 | 250 | 2560 | Text--DX Proc--Op | Text-Diagnosis | |
| 3845-4094 | 250 | 2570 | Text--DX Proc--Path | Text-Diagnosis | |
| 4095-4134 | 40 | 2580 | Text--Primary Site Title | Text-Diagnosis | |
| 4135-4174 | 40 | 2590 | Text--Histology Title | Text-Diagnosis | |
| 4175-4474 | 300 | 2600 | Text--Staging | Text-Diagnosis | |
| 4475-4624 | 150 | 2610 | RX Text--Surgery | Text-Treatment | |
| 4625-4774 | 150 | 2620 | RX Text--Radiation (Beam) | Text-Treatment | |
| 4775-4924 | 150 | 2630 | RX Text--Radiation Other | Text-Treatment | |
| 4925-5124 | 200 | 2640 | RX Text--Chemo | Text-Treatment | |
| 5125-5324 | 200 | 2650 | RX Text--Hormone | Text-Treatment | |
| 5325-5424 | 100 | 2660 | RX Text--BRM | Text-Treatment | |
| 5425-5524 | 100 | 2670 | RX Text--Other | Text-Treatment | |
| 5525-5874 | 350 | 2680 | Text--Remarks | Text-Miscellaneous | |
| 5875-5924 | 50 | 2690 | Place of Diagnosis | Text-Miscellaneous | |
| 5925-6694 | 770 | 2700 | Reserved 19 | Text-Miscellaneous | Revised |

## Chapter IX: Required Status Table

| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 10 | Record Type | . | . | R | . | R | NAACCR | Revised |
| 20 | Patient ID Number | R | . | . | R | R | Reporting Registry | |
| 30 | Registry Type | . | . | . | . | . | NAACCR | |
| 35 | FIN Coding System | S | . | . | . | . | NAACCR | |
| 37 | Reserved 00 | . | . | . | . | . | | |
| 40 | Registry ID | S | . | . | R | R | NAACCR | |
| 50 | NAACCR Record Version | R | . | R | . | . | NAACCR | Revised |
| 60 | Tumor Record Number | S | . | . | R | R | NAACCR | |
| 70 | Addr at DX--City | R | R | R | R | . | COC | Revised |
| 80 | Addr at DX--State | R | R | R | R | . | NAACCR | Revised |
| 90 | County at DX | R | R | R | R | R | FIPS/SEER | |
| 100 | Addr at DX--Postal Code | R | R | R | R | . | NAACCR | Revised |
| 110 | Census Tract 1970/80/90 | RH | . | . | RH | RH | SEER | Revised |
| 120 | Census Cod Sys 1970/80/90 | RH | . | . | RH | RH | SEER | Revised |
| 130 | Census Tract 2000 | R | . | . | R | R | SEER | Revised |
| 140 | Census Tract Cod Sys--Alt | . | . | . | . | . | NAACCR | Retired |
| 150 | Marital Status at DX | S | . | . | R | R | SEER | Revised |
| 160 | Race 1 | R | R | R | R | R | SEER/COC | |
| 161 | Race 2 | R | R | R | R | R | SEER/COC | |
| 162 | Race 3 | R | R | R | R | R | SEER/COC | |
| 163 | Race 4 | R | R | R | R | R | SEER/COC | |
| 164 | Race 5 | R | R | R | R | R | SEER/COC | |
| 170 | Race Coding Sys--Current | . | R | R | . | . | NAACCR | Revised |
| 180 | Race Coding Sys--Original | . | R | R | . | . | NAACCR | Revised |
| 190 | Spanish/Hispanic Origin | R | R | R | R | R | SEER/COC | |
| 200 | Computed Ethnicity | S | . | . | R | R | NAACCR | |
| 210 | Computed Ethnicity Source | S | . | . | R | R | NAACCR | |
| 220 | Sex | R | R | R | R | R | SEER/COC | |
| 230 | Age at Diagnosis | R | R | R | R | R | SEER/COC | Revised |
| 240 | Birth Date | R | R | R | R | R | SEER/COC | |
| 250 | Birthplace | R* | R | R | R | R | SEER/COC | Revised |
| 260 | Religion | . | . | . | . | . | Varies | |
| 270 | Occupation Code--Census | S | . | . | . | . | Census/NPCR | |
| 280 | Industry Code--Census | S | . | . | . | . | Census/NPCR | |
| 290 | Occupation Source | S | . | . | . | . | NPCR | |
| 300 | Industry Source | S | . | . | . | . | NPCR | |
| 310 | Text--Usual Occupation | R* | . | . | . | . | NPCR | Revised |
| 320 | Text--Usual Industry | R* | . | . | . | . | NPCR | Revised |
| 330 | Occup/Ind Coding System | S | . | . | . | . | NPCR | |
| 340 | Tobacco History | . | . | . | . | . | Varies | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 350 | Alcohol History | . | . | . | . | . | Varies | Revised |
| 360 | Family History of Cancer | . | . | . | . | . | Varies | Revised |
| 362 | Census Tract Block Group | . | . | . | . | . | Census | |
| 364 | Census Tr Cert 1970/80/90 | RH | . | . | RH | RH | SEER | Revised |
| 365 | Census Tr Certainty 2000 | R | . | . | R | R | SEER | New |
| 370 | Reserved 01 | . | . | . | . | . | | |
| 380 | Sequence Number--Central | R | . | . | R | R | NAACCR | |
| 390 | Date of Diagnosis | R | R | R | R | R | SEER/COC | |
| 400 | Primary Site | R | R | R | R | R | SEER/COC | |
| 410 | Laterality | R | R | R | R | R | SEER/COC | |
| 419 | Morph--Type&Behav ICD-O-2 | | | | | | | |
| 420 | Histology (92-00) ICD-O-2 | RH | . | RH | RH | RH | SEER/COC | Revised |
| 430 | Behavior (92-00) ICD-O-2 | RH | . | RH | RH | RH | SEER/COC | Revised |
| 440 | Grade | R | R | R | R | R | SEER/COC | |
| 450 | Site Coding Sys--Current | S | R | R | . | . | NAACCR | Revised |
| 460 | Site Coding Sys--Original | . | R | R | . | . | NAACCR | Revised |
| 470 | Morph Coding Sys--Current | S | R | R | . | . | NAACCR | Revised |
| 480 | Morph Coding Sys--Originl | . | R | R | . | . | NAACCR | Revised |
| 490 | Diagnostic Confirmation | R | R | R | R | R | SEER/COC | |
| 500 | Type of Reporting Source | R | . | . | R | R | SEER | Revised |
| 510 | Screening Date | . | . | . | . | . | COC | Revised |
| 520 | Screening Result | . | . | . | . | . | COC | Revised |
| 521 | Morph--Type&Behav ICD-O-3 | | | | | | | |
| 522 | Histologic Type ICD-O-3 | R | R | R | R | R | SEER/COC | |
| 523 | Behavior Code ICD-O-3 | R | R | R | R | R | SEER/COC | |
| 530 | Reserved 02 | . | . | . | . | . | | |
| 538 | Reporting Hospital FAN | . | . | . | . | . | COC | Revised |
| 540 | Reporting Hospital | S | R | R | R | . | COC | Revised |
| 550 | Accession Number--Hosp | S | R | R | R | . | COC | Revised |
| 560 | Sequence Number--Hospital | S | R | R | R | . | COC | Revised |
| 570 | Abstracted By | . | R | R | R | . | COC | Revised |
| 580 | Date of 1st Contact | R | R | R | . | . | NAACCR | Revised |
| 590 | Date of Inpatient Adm | . | . | . | . | . | COC | Revised |
| 600 | Date of Inpatient Disch | . | . | . | . | . | COC | Revised |
| 610 | Class of Case | S | R | R | RC | . | COC | Revised |
| 620 | Year First Seen This CA | . | . | . | . | . | COC | Revised |
| 630 | Primary Payer at DX | . | R | R | . | . | COC | |
| 640 | Inpatient/Outpt Status | . | . | . | . | . | COC | Revised |
| 650 | Presentation at CA Conf | . | . | . | . | . | COC | Revised |
| 660 | Date of CA Conference | . | . | . | . | . | COC | Revised |
| 670 | RX Hosp--Surg Prim Site | . | R | R | R | . | COC | Revised |
| 672 | RX Hosp--Scope Reg LN Sur | . | R | R | R | . | COC | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 674 | RX Hosp--Surg Oth Reg/Dis | . | R | R | R | . | COC | Revised |
| 676 | RX Hosp--Reg LN Removed | . | . | . | . | . | COC | Revised |
| 680 | Reserved 03 | . | . | . | . | . | | |
| 690 | RX Hosp--Radiation | . | . | . | R | . | SEER | Revised |
| 700 | RX Hosp--Chemo | . | R | R | R | . | COC | Revised |
| 710 | RX Hosp--Hormone | . | R | R | R | . | COC | Revised |
| 720 | RX Hosp--BRM | . | R | R | R | . | COC | Revised |
| 730 | RX Hosp--Other | . | R | R | R | . | COC | Revised |
| 740 | RX Hosp--DX/Stg Proc | . | R | R | . | . | COC | Revised |
| 742 | RX Hosp--Screen/BX Proc1 | . | . | . | . | . | COC | |
| 743 | RX Hosp--Screen/BX Proc2 | . | . | . | . | . | COC | |
| 744 | RX Hosp--Screen/BX Proc3 | . | . | . | . | . | COC | |
| 745 | RX Hosp--Screen/BX Proc4 | . | . | . | . | . | COC | |
| 746 | RX Hosp--Surg Site 98-02 | . | RH* | RH* | RH/R | . | COC | New |
| 747 | RX Hosp--Scope Reg 98-02 | . | RH* | RH* | RH/R | . | COC | New |
| 748 | RX Hosp--Surg Oth 98-02 | . | RH* | RH* | RH/R | . | COC | New |
| 750 | Reserved 04 | . | . | . | . | . | | |
| 759 | SEER Summary Stage 2000 | R | R | R | . | . | SEER | Revised |
| 760 | SEER Summary Stage 1977 | RH | RH | RH | . | . | SEER | Revised |
| 770 | Loc/Reg/Distant Stage | . | . | . | . | . | Varies | |
| 779 | Extent of Disease 10-Dig | | | | | | | |
| 780 | EOD--Tumor Size | S | R | R | R | R | SEER/COC | |
| 790 | EOD--Extension | S | . | . | R | R | SEER | Revised |
| 800 | EOD--Extension Prost Path | S | . | . | R | R | SEER | |
| 810 | EOD--Lymph Node Involv | S | . | . | R | R | SEER | Revised |
| 820 | Regional Nodes Positive | S | R | R | R | R | SEER/COC | |
| 830 | Regional Nodes Examined | S | R | R | R | R | SEER/C0C | |
| 840 | EOD--Old 13 Digit | . | . | . | RH | RH | SEER | Revised |
| 850 | EOD--Old 2 Digit | . | . | . | RH | RH | SEER | Revised |
| 860 | EOD--Old 4 Digit | . | . | . | RH | RH | SEER | Revised |
| 870 | Coding System for EOD | . | . | . | R | R | SEER | |
| 880 | TNM Path T | . | R | R | . | . | AJCC | |
| 890 | TNM Path N | . | R | R | . | . | AJCC | |
| 900 | TNM Path M | . | R | R | . | . | AJCC | |
| 910 | TNM Path Stage Group | . | R | R | . | . | AJCC | |
| 920 | TNM Path Descriptor | . | R | R | . | . | COC | Revised |
| 930 | TNM Path Staged By | . | R | R | . | . | COC | |
| 940 | TNM Clin T | . | R | R | . | . | AJCC | |
| 950 | TNM Clin N | . | R | R | . | . | AJCC | |
| 960 | TNM Clin M | . | R | R | . | . | AJCC | |
| 970 | TNM Clin Stage Group | . | R | R | . | . | AJCC | |
| 980 | TNM Clin Descriptor | . | R | R | . | . | COC | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 990 | TNM Clin Staged By | . | R | R | . | . | COC | |
| 1000 | TNM Other T | . | . | . | . | . | AJCC | Revised |
| 1010 | TNM Other N | . | . | . | . | . | AJCC | Revised |
| 1020 | TNM Other M | . | . | . | . | . | AJCC | Revised |
| 1030 | TNM Other Stage Group | . | . | . | . | . | AJCC | Revised |
| 1040 | TNM Other Staged By | . | . | . | . | . | COC | Revised |
| 1050 | TNM Other Descriptor | . | . | . | . | . | COC | Revised |
| 1060 | TNM Edition Number | . | R | R | . | . | COC | |
| 1070 | Other Staging System | . | . | . | . | . | COC | Revised |
| 1080 | Date of 1st Positive BX | . | . | . | . | . | COC | Revised |
| 1090 | Site of Distant Met 1 | . | . | RH | . | . | COC | Revised |
| 1100 | Site of Distant Met 2 | . | . | RH | . | . | COC | Revised |
| 1110 | Site of Distant Met 3 | . | . | RH | . | . | COC | Revised |
| 1120 | Pediatric Stage | . | . | . | . | . | COC | Revised |
| 1130 | Pediatric Staging System | . | . | . | . | . | COC | Revised |
| 1140 | Pediatric Staged By | . | . | . | . | . | COC | Revised |
| 1150 | Tumor Marker 1 | . | RH | RH | R | R | SEER | Revised |
| 1160 | Tumor Marker 2 | . | RH | RH | R | R | SEER | Revised |
| 1170 | Tumor Marker 3 | . | RH | RH | R | R | SEER | Revised |
| 1180 | Reserved 05 | . | . | . | . | . | | |
| 1190 | Reserved 06 | . | . | . | . | . | | |
| 1200 | RX Date--Surgery | S | R | R | . | . | COC | |
| 1210 | RX Date--Radiation | S | R | R | . | . | COC | |
| 1220 | RX Date--Chemo | . | . | . | . | . | COC | Revised |
| 1230 | RX Date--Hormone | . | . | . | . | . | COC | Revised |
| 1240 | RX Date--BRM | . | . | . | . | . | COC | Revised |
| 1250 | RX Date--Other | S | R | R | . | . | COC | |
| 1260 | Date of Initial RX--SEER | # | . | . | R | R | SEER | |
| 1270 | Date of 1st Crs RX--COC | # | R | R | . | . | COC | |
| 1280 | RX Date--DX/Stg Proc | . | R | R | . | . | COC | |
| 1290 | RX Summ--Surg Prim Site | R | R | R | R | R | SEER/COC | |
| 1292 | RX Summ--Scope Reg LN Sur | R | R | R | R | R | SEER/COC | |
| 1294 | RX Summ--Surg Oth Reg/Dis | R | R | R | R | R | SEER/COC | |
| 1296 | RX Summ--Reg LN Examined | . | . | . | RH | RH | SEER/COC | Revised |
| 1300 | Reserved 07 | . | . | . | . | . | | |
| 1310 | RX Summ--Surgical Approch | . | . | . | . | . | COC | Revised |
| 1320 | RX Summ--Surgical Margins | . | R | R | . | . | COC | |
| 1330 | RX Summ--Reconstruct 1st | . | . | . | RH | RH | COC | Revised |
| 1340 | Reason for No Surgery | S | R | R | R | R | SEER/COC | Revised |
| 1350 | RX Summ--DX/Stg Proc | . | R | R | . | . | COC | |
| 1360 | RX Summ--Radiation | . | . | . | R | R | SEER | Revised |
| 1370 | RX Summ--Rad to CNS | . | . | . | RH | RH | SEER/COC | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 1380 | RX Summ--Surg/Rad Seq | S | R | R | R | R | SEER/COC | Revised |
| 1390 | RX Summ--Chemo | S | R | R | R | R | SEER/COC | |
| 1400 | RX Summ--Hormone | S | R | R | R | R | SEER/COC | |
| 1410 | RX Summ--BRM | S | R | R | R | R | SEER/COC | |
| 1420 | RX Summ--Other | S | R | R | R | R | SEER/COC | |
| 1430 | Reason for No Radiation | S | R | R | . | . | COC | Revised |
| 1440 | Reason for No Chemo | . | . | . | . | . | COC | Revised |
| 1450 | Reason for No Hormone | . | . | . | . | . | COC | Revised |
| 1460 | RX Coding System--Current | R | R | R | . | R | NAACCR | Revised |
| 1470 | Protocol Eligibility Stat | . | . | . | . | . | COC | Revised |
| 1480 | Protocol Participation | . | . | . | . | . | COC | Revised |
| 1490 | Referral to Support Serv | . | . | . | . | . | COC | Revised |
| 1500 | First Course Calc Method | . | . | . | . | . | NAACCR | |
| 1510 | Rad--Regional Dose: cGy | . | R | R | . | . | COC | Revised |
| 1520 | Rad--No of Treatment Vol | . | R | R | . | . | COC | Revised |
| 1530 | Rad--Elapsed RX Days | . | . | . | . | . | COC | Revised |
| 1540 | Rad--Treatment Volume | . | R | R | . | . | COC | Revised |
| 1550 | Rad--Location of RX | . | R | R | . | . | COC | Revised |
| 1560 | Rad--Intent of Treatment | . | . | . | . | . | COC | Revised |
| 1570 | Rad--Regional RX Modality | S | R | R | RC | . | COC | Revised |
| 1580 | Rad--RX Completion Status | . | . | . | . | . | COC | Revised |
| 1590 | Rad--Local Control Status | . | . | . | . | . | COC | Revised |
| 1600 | Chemotherapy Field 1 | . | . | . | . | . | COC | Revised |
| 1610 | Chemotherapy Field 2 | . | . | . | . | . | COC | Revised |
| 1620 | Chemotherapy Field 3 | . | . | . | . | . | COC | Revised |
| 1630 | Chemotherapy Field 4 | . | . | . | . | . | COC | Revised |
| 1640 | RX Summ--Surgery Type | . | . | . | RH | RH | SEER | Revised |
| 1642 | RX Summ--Screen/BX Proc1 | . | . | . | . | . | COC | Revised |
| 1643 | RX Summ--Screen/BX Proc2 | . | . | . | . | . | COC | Revised |
| 1644 | RX Summ--Screen/BX Proc3 | . | . | . | . | . | COC | Revised |
| 1645 | RX Summ--Screen/BX Proc4 | . | . | . | . | . | COC | Revised |
| 1646 | RX Summ--Surg Site 98-02 | RH | RH | RH | RH/R | RH/R | SEER/COC | New |
| 1647 | RX Summ--Scope Reg 98-02 | RH | RH | RH | RH/R | RH/R | SEER/COC | New |
| 1648 | RX Summ--Surg Oth 98-02 | RH | RH | RH | RH/R | RH/R | SEER/COC | New |
| 1650 | Reserved 08 | . | . | . | . | . | | |
| 1660 | Subsq RX 2nd Course Date | . | . | . | . | . | COC | Revised |
| 1670 | Subsq RX 2nd Course Codes | | | | | | | |
| 1671 | Subsq RX 2nd Course Surg | . | . | . | . | . | COC | Revised |
| 1672 | Subsq RX 2nd Course Rad | . | . | . | . | . | COC | Revised |
| 1673 | Subsq RX 2nd Course Chemo | . | . | . | . | . | COC | Revised |
| 1674 | Subsq RX 2nd Course Horm | . | . | . | . | . | COC | Revised |
| 1675 | Subsq RX 2nd Course BRM | . | . | . | . | . | COC | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 1676 | Subsq RX 2nd Course Oth | . | . | . | . | . | COC | Revised |
| 1677 | Subsq RX 2nd--Scope LN SU | . | . | . | . | . | COC | Revised |
| 1678 | Subsq RX 2nd--Surg Oth | . | . | . | . | . | COC | Revised |
| 1679 | Subsq RX 2nd--Reg LN Rem | . | . | . | . | . | COC | Revised |
| 1680 | Subsq RX 3rd Course Date | . | . | . | . | . | COC | Revised |
| 1690 | Subsq RX 3rd Course Codes | | | | | | | |
| 1691 | Subsq RX 3rd Course Surg | . | . | . | . | . | COC | Revised |
| 1692 | Subsq RX 3rd Course Rad | . | . | . | . | . | COC | Revised |
| 1693 | Subsq RX 3rd Course Chemo | . | . | . | . | . | COC | Revised |
| 1694 | Subsq RX 3rd Course Horm | . | . | . | . | . | COC | Revised |
| 1695 | Subsq RX 3rd Course BRM | . | . | . | . | . | COC | Revised |
| 1696 | Subsq RX 3rd Course Oth | . | . | . | . | . | COC | Revised |
| 1697 | Subsq RX 3rd--Scope LN Su | . | . | . | . | . | COC | Revised |
| 1698 | Subsq RX 3rd--Surg Oth | . | . | . | . | . | COC | Revised |
| 1699 | Subsq RX 3rd--Reg LN Rem | . | . | . | . | . | COC | Revised |
| 1700 | Subsq RX 4th Course Date | . | . | . | . | . | COC | Revised |
| 1710 | Subsq RX 4th Course Codes | | | | | | | |
| 1711 | Subsq RX 4th Course Surg | . | . | . | . | . | COC | Revised |
| 1712 | Subsq RX 4th Course Rad | . | . | . | . | . | COC | Revised |
| 1713 | Subsq RX 4th Course Chemo | . | . | . | . | . | COC | Revised |
| 1714 | Subsq RX 4th Course Horm | . | . | . | . | . | COC | Revised |
| 1715 | Subsq RX 4th Course BRM | . | . | . | . | . | COC | Revised |
| 1716 | Subsq RX 4th Course Oth | . | . | . | . | . | COC | Revised |
| 1717 | Subsq RX 4th--Scope LN Su | . | . | . | . | . | COC | Revised |
| 1718 | Subsq RX 4th--Surg Oth | . | . | . | . | . | COC | Revised |
| 1719 | Subsq RX 4th--Reg LN Rem | . | . | . | . | . | COC | Revised |
| 1720 | Subsq RX 5th Course Date | . | . | . | . | . | NAACCR | Revised |
| 1730 | Subsq RX 5th Course Codes | | | | | | | |
| 1731 | Subsq RX 5th Course Surg | . | . | . | . | . | NAACCR | Revised |
| 1732 | Subsq RX 5th Course Rad | . | . | . | . | . | NAACCR | Revised |
| 1733 | Subsq RX 5th Course Chemo | . | . | . | . | . | NAACCR | Revised |
| 1734 | Subsq RX 5th Course Horm | . | . | . | . | . | NAACCR | Revised |
| 1735 | Subsq RX 5th Course BRM | . | . | . | . | . | NAACCR | Revised |
| 1736 | Subsq RX 5th Course Oth | . | . | . | . | . | NAACCR | Revised |
| 1737 | Subsq RX 5th--Scope LN Su | . | . | . | . | . | NAACCR | Revised |
| 1738 | Subsq RX 5th--Surg Oth | . | . | . | . | . | NAACCR | Revised |
| 1739 | Subsq RX 5th--Reg LN Rem | . | . | . | . | . | NAACCR | Revised |
| 1740 | Reserved 09 | . | . | . | . | . | | |
| 1741 | Subsq RX--Reconstruct Del | . | . | . | . | . | COC | Revised |
| 1750 | Date of Last Contact | R | R | R | R | R | SEER/COC | |
| 1760 | Vital Status | R | R | R | R | R | SEER/COC | |
| 1770 | Cancer Status | . | R | R | . | . | COC | |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 1780 | Quality of Survival | . | . | . | . | . | COC | Revised |
| 1790 | Follow-Up Source | . | R | . | . | . | COC | Revised |
| 1800 | Next Follow-Up Source | . | R | . | . | . | COC | Revised |
| 1810 | Addr Current--City | . | R | . | R | . | COC | Revised |
| 1820 | Addr Current--State | . | R | . | R | . | NAACCR | Revised |
| 1830 | Addr Current--Postal Code | . | R | . | R | . | NAACCR | Revised |
| 1835 | Reserved 10 | . | . | . | . | . | | |
| 1840 | County--Current | . | . | . | . | . | COC | Revised |
| 1842 | Follow-Up Contact--City | . | . | . | R | . | NAACCR | Revised |
| 1844 | Follow-Up Contact--State | . | . | . | R | . | NAACCR | Revised |
| 1846 | Follow-Up Contact--Postal | . | . | . | R | . | NAACCR | Revised |
| 1850 | Unusual Follow-Up Method | . | . | . | . | . | COC | Revised |
| 1860 | Recurrence Date--1st | S | R | R | RC | . | COC | Revised |
| 1871 | Recurrence Distant Site 1 | . | . | . | . | . | COC | Revised |
| 1872 | Recurrence Distant Site 2 | . | . | . | . | . | COC | Revised |
| 1873 | Recurrence Distant Site 3 | . | . | . | . | . | COC | Revised |
| 1880 | Recurrence Type--1st | S | R | R | RC | . | COC | Revised |
| 1890 | Recurrence Type--1st--Oth | . | . | . | . | . | COC | Revised |
| 1900 | Reserved 11 | . | . | . | . | . | | |
| 1910 | Cause of Death | R | . | . | R | R | SEER/COC | Revised |
| 1920 | ICD Revision Number | R | . | . | R | R | SEER/COC | Revised |
| 1930 | Autopsy | . | . | . | . | . | COC | Revised |
| 1940 | Place of Death | S | . | . | . | . | NAACCR | |
| 1950 | Reserved 12 | . | . | . | . | . | | |
| 1960 | Site (73-91) ICD-O-1 | . | . | RH | RH | RH | SEER | Revised |
| 1970 | Morph (73-91) ICD-O-1 | | | | | | | |
| 1971 | Histology (73-91) ICD-O-1 | . | . | RH | RH | RH | SEER | Revised |
| 1972 | Behavior (73-91) ICD-O-1 | . | . | RH | RH | RH | SEER | Revised |
| 1973 | Grade (73-91) ICD-O-1 | . | . | RH | RH | RH | SEER | Revised |
| 1980 | ICD-O-2 Conversion Flag | . | R | R | RH | RH | SEER | Revised |
| 1981 | Over-ride SS/NodesPos | . | . | . | . | . | NAACCR | |
| 1982 | Over-ride SS/TNM-N | . | . | . | . | . | NAACCR | |
| 1983 | Over-ride SS/TNM-M | . | . | . | . | . | NAACCR | |
| 1984 | Over-ride SS/DisMet1 | . | . | . | . | . | NAACCR | |
| 1985 | Over-ride Acsn/Class/Seq | . | R | R | . | . | NAACCR | Revised |
| 1986 | Over-ride HospSeq/DxConf | . | R | R | . | . | NAACCR | Revised |
| 1987 | Over-ride COC-Site/Type | . | R | R | . | . | NAACCR | Revised |
| 1988 | Over-ride HospSeq/Site | . | R | R | . | . | NAACCR | Revised |
| 1989 | Over-ride Site/TNM-StgGrp | . | R | R | . | . | NAACCR | Revised |
| 1990 | Over-ride Age/Site/Morph | R | R | R | R | R | SEER | Revised |
| 2000 | Over-ride SeqNo/DxConf | R | . | . | R | R | SEER | |
| 2010 | Over-ride Site/Lat/SeqNo | S | . | . | R | R | SEER | |

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|---|---|---|---|---|---|---|---|---|
| 2020 | Over-ride Surg/DxConf | R | R | R | R | R | SEER | Revised |
| 2030 | Over-ride Site/Type | R | R | R | R | R | SEER | Revised |
| 2040 | Over-ride Histology | R | R | R | R | R | SEER | Revised |
| 2050 | Over-ride Report Source | R | . | . | R | R | SEER | |
| 2060 | Over-ride Ill-define Site | R | . | . | R | R | SEER | |
| 2070 | Over-ride Leuk, Lymphoma | R | R | R | R | R | SEER | Revised |
| 2071 | Over-ride Site/Behavior | R | R | R | R | R | SEER | Revised |
| 2072 | Over-ride Site/EOD/DX Dt | S | . | . | R | R | SEER | |
| 2073 | Over-ride Site/Lat/EOD | S | . | . | R | R | SEER | |
| 2074 | Over-ride Site/Lat/Morph | R | R | R | R | R | SEER | Revised |
| 2081 | CRC CHECKSUM | . | . | . | . | . | NAACCR | |
| 2090 | Date Case Completed | . | . | . | . | . | Varies | |
| 2100 | Date Case Last Changed | . | . | . | . | . | Varies | |
| 2110 | Date Case Report Exported | S | . | R | . | . | NAACCR | Revised |
| 2111 | Date Case Report Received | R | . | . | . | . | NAACCR | |
| 2112 | Date Case Report Loaded | S | . | . | . | . | NAACCR | |
| 2113 | Date Tumor Record Availbl | S | . | . | . | . | NAACCR | |
| 2114 | Future Use Timeliness 1 | . | . | . | . | . | | |
| 2115 | Future Use Timeliness 2 | . | . | . | . | . | | |
| 2116 | ICD-O-3 Conversion Flag | R | R | R | R | R | SEER/COC | |
| 2120 | SEER Coding Sys--Current | S | . | . | . | . | NAACCR | |
| 2130 | SEER Coding Sys--Original | S | . | . | . | . | NAACCR | |
| 2140 | COC Coding Sys--Current | S | R | R | . | . | COC | Revised |
| 2150 | COC Coding Sys--Original | S | R | R | . | . | NAACCR | Revised |
| 2160 | Subsq Report for Primary | . | . | . | . | . | NAACCR | Retired |
| 2161 | Reserved 20 | . | . | . | . | . | | Retired |
| 2170 | Vendor Name | . | . | R | . | . | NAACCR | Revised |
| 2180 | SEER Type of Follow-Up | . | . | . | R | R | SEER | |
| 2190 | SEER Record Number | . | . | . | R | R | SEER | |
| 2200 | Diagnostic Proc 73-87 | . | . | . | RH | RH | SEER | Revised |
| 2210 | Reserved 14 | . | . | . | . | . | | |
| 2220 | State/Requestor Items | . | . | . | . | . | Varies | |
| 2230 | Name--Last | R | R | . | R | . | NAACCR | Revised |
| 2240 | Name--First | R | R | . | R | . | NAACCR | Revised |
| 2250 | Name--Middle | R | R | . | R | . | COC | Revised |
| 2260 | Name--Prefix | . | . | . | . | . | COC | Revised |
| 2270 | Name--Suffix | . | . | . | R | . | COC | Revised |
| 2280 | Name--Alias | S | . | . | R | . | COC | Revised |
| 2290 | Name--Spouse/Parent | . | . | . | . | . | Varies | |
| 2300 | Medical Record Number | S | R | . | R | . | NAACCR | Revised |
| 2310 | Military Record No Suffix | . | R | . | . | . | COC | |
| 2320 | Social Security Number | R | R | . | R | . | COC | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 2330 | Addr at DX--No & Street | S | R | . | R | . | COC | Revised |
| 2335 | Addr at DX--Supplementl | S | R | . | . | . | NAACCR | New |
| 2350 | Addr Current--No & Street | S | R | . | R | . | COC | Revised |
| 2352 | Latitude | . | . | . | . | . | NAACCR | New |
| 2354 | Longitude | . | . | . | . | . | NAACCR | New |
| 2355 | Addr Current--Supplementl | . | R | . | . | . | NAACCR | New |
| 2360 | Telephone | . | R | . | R | . | COC | Revised |
| 2370 | DC State | . | . | . | . | . | | Retired |
| 2371 | Reserved for Expansion | . | . | . | . | . | | Retired |
| 2380 | DC State File Number | S | . | . | . | . | State | |
| 2390 | Name--Maiden | S | . | . | R | . | NAACCR | Revised |
| 2392 | Follow-Up Contact--No&St | . | . | . | R | . | NAACCR | Revised |
| 2393 | Follow-Up Contact--Suppl | . | . | . | . | . | NAACCR | New |
| 2394 | Follow-Up Contact--Name | . | . | . | R | . | NAACCR | Revised |
| 2400 | Reserved 16 | . | . | . | . | . | | Retired |
| 2410 | Institution Referred From | . | R | . | . | . | NAACCR | Revised |
| 2420 | Institution Referred To | . | R | . | . | . | NAACCR | Revised |
| 2430 | Last Follow-Up Hospital | . | . | . | . | . | NAACCR | |
| 2440 | Following Registry | . | R | . | R | . | NAACCR | Revised |
| 2450 | Reserved 17 | . | . | . | . | . | | Retired |
| 2460 | Physician--Managing | . | . | . | . | . | COC | Revised |
| 2470 | Physician--Follow-Up | . | R | . | R | . | COC | |
| 2480 | Physician--Primary Surg | . | R | . | . | . | COC | |
| 2490 | Physician 3 | . | R | . | . | . | COC | Revised |
| 2500 | Physician 4 | . | R | . | . | . | COC | Revised |
| 2520 | Text--DX Proc--PE | R^ | . | . | R | . | NAACCR | Revised |
| 2530 | Text--DX Proc--X-ray/Scan | R^ | . | . | R | . | NAACCR | Revised |
| 2540 | Text--DX Proc--Scopes | R^ | . | . | R | . | NAACCR | Revised |
| 2550 | Text--DX Proc--Lab Tests | R^ | . | . | R | . | NAACCR | Revised |
| 2560 | Text--DX Proc--Op | R^ | . | . | R | . | NAACCR | Revised |
| 2570 | Text--DX Proc--Path | R^ | . | . | R | . | NAACCR | Revised |
| 2580 | Text--Primary Site Title | S | . | . | R | . | NAACCR | Revised |
| 2590 | Text--Histology Title | S | . | . | R | . | NAACCR | Revised |
| 2600 | Text--Staging | R^ | . | . | R | . | NAACCR | Revised |
| 2610 | RX Text--Surgery | R^ | . | . | R | . | NAACCR | Revised |
| 2620 | RX Text--Radiation (Beam) | S | . | . | R | . | NAACCR | Revised |
| 2630 | RX Text--Radiation Other | S | . | . | R | . | NAACCR | Revised |
| 2640 | RX Text--Chemo | S | . | . | R | . | NAACCR | Revised |
| 2650 | RX Text--Hormone | S | . | . | R | . | NAACCR | Revised |
| 2660 | RX Text--BRM | S | . | . | R | . | NAACCR | Revised |
| 2670 | RX Text--Other | S | . | . | R | . | NAACCR | Revised |
| 2680 | Text--Remarks | S | . | . | R | . | NAACCR | Revised |

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| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 2690 | Place of Diagnosis | S | . | . | . | . | NAACCR | |
| 2700 | Reserved 19 | . | . | . | . | . | | |
| 2800 | CS Tumor Size | | | | | | AJCC | New |
| 2810 | CS Extension | | | | | | AJCC | New |
| 2820 | CS Tumor Size/Ext Eval | | | | | | AJCC | New |
| 2830 | CS Lymph Nodes | | | | | | AJCC | New |
| 2840 | CS Reg Nodes Eval | | | | | | AJCC | New |
| 2850 | CS Mets at DX | | | | | | AJCC | New |
| 2860 | CS Mets Eval | | | | | | AJCC | New |
| 2880 | CS Site-Specific Factor 1 | | | | | | AJCC | New |
| 2890 | CS Site-Specific Factor 2 | | | | | | AJCC | New |
| 2900 | CS Site-Specific Factor 3 | | | | | | AJCC | New |
| 2910 | CS Site-Specific Factor 4 | | | | | | AJCC | New |
| 2920 | CS Site-Specific Factor 5 | | | | | | AJCC | New |
| 2930 | CS Site-Specific Factor 6 | | | | | | AJCC | New |
| 2940 | Derived AJCC T | | | | | | AJCC | New |
| 2950 | Derived AJCC T Descriptor | | | | | | AJCC | New |
| 2960 | Derived AJCC N | | | | | | AJCC | New |
| 2970 | Derived AJCC N Descriptor | | | | | | AJCC | New |
| 2980 | Derived AJCC M | | | | | | AJCC | New |
| 2990 | Derived AJCC M Descriptor | | | | | | AJCC | New |
| 3000 | Derived AJCC Stage Group | | | | | | AJCC | New |
| 3010 | Derived SS1977 | | | | | | AJCC | New |
| 3020 | Derived SS2000 | | | | | | AJCC | New |
| 3030 | Derived AJCC--Flag | | | | | | AJCC | New |
| 3040 | Derived SS1977--Flag | | | | | | AJCC | New |
| 3050 | Derived SS2000--Flag | | | | | | AJCC | New |
| 3100 | Archive FIN | . | R | R | . | . | COC | New |
| 3110 | Comorbid/Complication 1 | . | R | R | . | . | COC | New |
| 3120 | Comorbid/Complication 2 | . | R | R | . | . | COC | New |
| 3130 | Comorbid/Complication 3 | . | R | R | . | . | COC | New |
| 3140 | Comorbid/Complication 4 | . | R | R | . | . | COC | New |
| 3150 | Comorbid/Complication 5 | . | R | R | . | . | COC | New |
| 3160 | Comorbid/Complication 6 | . | R | R | . | . | COC | New |
| 3170 | RX Date--Most Defin Surg | S | R | R | . | . | COC | New |
| 3180 | RX Date--Surgical Disch | . | R | R | . | . | COC | New |
| 3190 | Readm Same Hosp 30 Days | . | R | R | . | . | COC | New |
| 3200 | Rad--Boost RX Modality | . | R | R | RC | . | COC | New |
| 3210 | Rad--Boost Dose cGy | . | R | R | . | . | COC | New |
| 3220 | RX Date--Radiation Ended | . | R | R | . | . | COC | New |
| 3230 | RX Date--Systemic | S | R | R | . | . | COC | New |
| 3250 | RX Summ--Transplnt/Endocr | S | R | R | R | R | COC | New |

**Codes for Recommendations:** R = Required. RH = Historically collected and currently transmitted. RC = Collected by SEER from COC-approved hospitals. RS = Required, site specific. S = Supplementary/recommended. D = Derived. . = Not in data set, but available. * = When available. # = Central registries may code available data using either SEER or COC data item and associated rules. ^ = These text requirements may be met with one or several text block fields.

| Item # | Item Name | NPCR | COC Collect | COC Transmit | SEER Collect | SEER Transmit | Source of Standard | Note |
|---|---|---|---|---|---|---|---|---|
| 3260 | Pain Assessment | . | . | . | . | . | COC | New |
| 3270 | RX Summ--Palliative Proc | . | R | R | . | . | COC | New |
| 3280 | RX Hosp--Palliative Proc | . | R | R | . | . | COC | New |
| 3300 | RuralUrban Continuum 1993 | D | . | . | D | D | NAACCR | New |
| 3310 | RuralUrban Continuum 2000 | D | . | . | D | D | NAACCR | New |

**Codes for Recommendations:** R = Required. RH = Historically collected and currently transmitted. RC = Collected by SEER from COC-approved hospitals. RS = Required, site specific. S = Supplementary/recommended. D = Derived. . = Not in data set, but available. * = When available. # = Central registries may code available data using either SEER or COC data item and associated rules. ^ = These text requirements may be met with one or several text block fields.

## Chapter X: Data Descriptor Table

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 10 | Record Type | Character | | I, C, A, U, R, M | 1 | Revised |
| 20 | Patient ID Number | Character | Right justified, zero filled | | 8 | |
| 30 | Registry Type | Character | | 1-3 | 1 | |
| 35 | FIN Coding System | Character | | 1-3, 9 | 1 | Revised |
| 37 | Reserved 00 | Character | | | 7 | |
| 40 | Registry ID | Character | Right justified, zero filled | 10-digit number. Reference to EDITS table REGID.DBF in Appendix B | 10 | Revised |
| 50 | NAACCR Record Version | Character | | Blank, 1, 4-9, A | 1 | Revised |
| 60 | Tumor Record Number | Character | Right justified, zero filled | 01-99 | 2 | |
| 70 | Addr at DX--City | Character | Mixed case letters, no special characters, embedded spaces allowed, left justified, blank filled | City Name or UNKNOWN | 20 | |
| 80 | Addr at DX--State | Character | Upper case | Refer to EDITS table STATE.DBF in Appendix B | 2 | |
| 90 | County at DX | Character | Right justified, zero filled | See Appendix A for standard FIPS county codes. See EDITS table BPLACE.DBF in Appendix B for geocodes used by CoC for non-U.S. residents. Also 998, 999 | 3 | |
| 100 | Addr at DX--Postal Code | Character | Numbers or upper case letters. No special characters or embedded spaces allowed. Left justified, blank filled | 5-digit or 9-digit U.S. ZIP codes; 6-character Canadian postal codes; valid postal codes from other countries, 888888888, 999999999 | 9 | |
| 110 | Census Tract 1970/80/90 | Character | Right justified, zero filled | Census Tract Codes 000100-949999, BNA Codes 950100-998999, 000000, 999999, blank | 6 | Revised |
| 120 | Census Cod Sys 1970/80/90 | Character | | 0-3, blank | 1 | Revised |
| 130 | Census Tract 2000 | Character | Right justified, zero filled | Census Tract Codes 000101-999998, 000000, 999999, blank | 6 | Revised |
| 140 | Census Tract Cod Sys--Alt | Character | | | 0 | Retired |
| 150 | Marital Status at DX | Character | | 1-5, 9 | 1 | |
| 160 | Race 1 | Character | Right justified, zero filled | 01-14, 20-22, 25-28, 30-32, 96-99 | 2 | |
| 161 | Race 2 | Character | Right justified, zero filled | 01-14, 20-22, 25-28, 30-32, 88, 96-99, blank | 2 | |
| 162 | Race 3 | Character | Right justified, zero filled | 01-14, 20-22, 25-28, 30-32, 88, 96-99, blank | 2 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 163 | Race 4 | Character | Right justified, zero filled | 01-14, 20-22, 25-28, 30-32, 88, 96-99, blank | 2 | |
| 164 | Race 5 | Character | Right justified, zero filled | 01-14, 20-22, 25-28, 30-32, 88, 96-99, blank | 2 | |
| 170 | Race Coding Sys--Current | Character | | 1-6, 9 | 1 | |
| 180 | Race Coding Sys--Original | Character | | 1-6, 9 | 1 | |
| 190 | Spanish/Hispanic Origin | Character | | 0-7, 9 | 1 | |
| 200 | Computed Ethnicity | Character | | 0-7, blank | 1 | |
| 210 | Computed Ethnicity Source | Character | | 0-9, blank | 1 | |
| 220 | Sex | Character | | 1-4, 9 | 1 | |
| 230 | Age at Diagnosis | Character | Right justified, zero filled | 000-120, 999 | 3 | |
| 240 | Birth Date | Character | MMDDCCYY | Valid date or 99999999 | 8 | |
| 250 | Birthplace | Character | Right justified, zero filled | Reference to EDITS table BPLACE.DBF in Appendix B | 3 | |
| 260 | Religion | Character | No standard | Any | 2 | |
| 270 | Occupation Code--Census | Character | | Reference Industry and Occupation Coding for Death Certificates | 3 | |
| 280 | Industry Code--Census | Character | | Reference Industry and Occupation Coding for Death Certificates | 3 | |
| 290 | Occupation Source | Character | | 0-3, 7-9, blank | 1 | |
| 300 | Industry Source | Character | | 0-3, 7-9, blank | 1 | |
| 310 | Text--Usual Occupation | Character | Free text | Neither carriage return nor line feed characters allowed | 40 | |
| 320 | Text--Usual Industry | Character | Free text | Neither carriage return nor line feed characters allowed | 40 | |
| 330 | Occup/Ind Coding System | Character | | 1-4, 7, 9, blank | 1 | |
| 340 | Tobacco History | Character | No standard | Any | 1 | |
| 350 | Alcohol History | Character | No standard | Any | 1 | |
| 360 | Family History of Cancer | Character | No standard | Any | 1 | |
| 362 | Census Tract Block Group | Character | No standard | Any | 1 | |
| 364 | Census Tr Cert 1970/80/90 | Character | | 1-5, 9, blank | 1 | Revised |
| 365 | Census Tr Certainty 2000 | Character | | 1-5, 9, blank | 1 | New |
| 370 | Reserved 01 | Character | | | 20 | |
| 380 | Sequence Number--Central | Character | Right justified, zero filled | 00-35, 60-87, 88, 99 | 2 | Revised |
| 390 | Date of Diagnosis | Character | MMDDCCYY | Valid date or 99999999 | 8 | |
| 400 | Primary Site | Character | C followed by 3 digits, no special characters, no embedded blanks | Reference ICD-O-3 for valid entries | 4 | |
| 410 | Laterality | Character | | 0-4, 9 | 1 | |
| 419 | Morph--Type&Behav ICD-O-2 | Character | | Reference to ICD-0-2 | 5 | |
| 420 | Histology (92-00) ICD-O-2 | Character | | Reference to ICD-0-2 | 4 | |
| 430 | Behavior (92-00) ICD-O-2 | Character | | Reference to ICD-0-2 | 1 | |
| 440 | Grade | Character | | 1-9 | 1 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 450 | Site Coding Sys--Current | Character | | 1-6, 9 | 1 | |
| 460 | Site Coding Sys--Original | Character | | 1-6, 9 | 1 | |
| 470 | Morph Coding Sys--Current | Character | | 1-7, 9 | 1 | |
| 480 | Morph Coding Sys--Originl | Character | | 1-7, 9 | 1 | |
| 490 | Diagnostic Confirmation | Character | | 1, 2, 4-9 | 1 | |
| 500 | Type of Reporting Source | Character | | 1, 3-7 | 1 | |
| 510 | Screening Date | Character | MMDDCCYY | Valid date, 00000000, 99999999 | 8 | |
| 520 | Screening Result | Character | | 0-4, 8, 9 | 1 | |
| 521 | Morph--Type&Behav ICD-O-3 | Character | | Reference to ICD-O-3 | 5 | |
| 522 | Histologic Type ICD-O-3 | Character | | Reference to ICD-O-3 | 4 | |
| 523 | Behavior Code ICD-O-3 | Character | | Reference to ICD-O-3 | 1 | |
| 530 | Reserved 02 | Character | | | 50 | |
| 538 | Reporting Hospital FAN | Character | | | 10 | |
| 540 | Reporting Hospital | Character | Right justified, zero filled | 10-digit number | 10 | Revised |
| 550 | Accession Number--Hosp | Character | | 9-digit number | 9 | |
| 560 | Sequence Number--Hospital | Character | Right justified, zero filled | 00-35, 60-87, 88, 99 | 2 | Revised |
| 570 | Abstracted By | Character | No special characters | Letters and numbers | 3 | |
| 580 | Date of 1st Contact | Character | MMDDCCYY | Valid dates or 99999999 | 8 | |
| 590 | Date of Inpatient Adm | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 600 | Date of Inpatient Disch | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 610 | Class of Case | Character | | 0-9 | 1 | Revised |
| 620 | Year First Seen This CA | Character | CCYY | 1944 to current year | 4 | |
| 630 | Primary Payer at DX | Character | Right justified, zero filled | 01, 02, 10, 20, 31, 35, 36, 50-56, 99 | 2 | Revised |
| 640 | Inpatient/Outpt Status | Character | | 1-3, 8, 9 | 1 | |
| 650 | Presentation at CA Conf | Character | | 0-9 | 1 | |
| 660 | Date of CA Conference | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 670 | RX Hosp--Surg Prim Site | Character | Right justified, zero filled | 00, 10-80, 90, 98, 99 (site specific) | 2 | Revised |
| 672 | RX Hosp--Scope Reg LN Sur | Character | | 0-7, 9 | 1 | Revised |
| 674 | RX Hosp--Surg Oth Reg/Dis | Character | | 0-5, 9 | 1 | Revised |
| 676 | RX Hosp--Reg LN Removed | Character | | 00-90, 95-99 | 2 | |
| 680 | Reserved 03 | Character | | | 50 | |
| 690 | RX Hosp--Radiation | Character | | 0-5, 9 | 1 | |
| 700 | RX Hosp--Chemo | Character | Right justified, zero filled | 00-03, 82, 85-88, 99 | 2 | Revised |
| 710 | RX Hosp--Hormone | Character | Right justified, zero filled | 00, 01, 82, 85-88, 99 | 2 | Revised |
| 720 | RX Hosp--BRM | Character | Right justified, zero filled | 00, 01, 82, 85-88, 99 | 2 | Revised |
| 730 | RX Hosp--Other | Character | | 0-3, 6-9 | 1 | Revised |
| 740 | RX Hosp--DX/Stg Proc | Character | Right justified, zero filled | 00-07, 09 | 2 | Revised |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 742 | RX Hosp--Screen/BX Proc1 | Character | | Site-specific: 0 (all cases); 1-3, 5, 9 (breast); 1-4, 9 (prostate) | 1 | |
| 743 | RX Hosp--Screen/BX Proc2 | Character | | Site-specific: 0 (all cases); 1-7, 9 (breast); 1-3, 9 (prostate) | 1 | |
| 744 | RX Hosp--Screen/BX Proc3 | Character | | Site-specific: 0 (all cases); 1, 9 (breast); 1-5, 9 (prostate) | 1 | |
| 745 | RX Hosp--Screen/BX Proc4 | Character | | Site-specific: 0 (all cases); 1-4, 9 (breast); 1-7, 9 (prostate) | 1 | |
| 746 | RX Hosp--Surg Site 98-02 | Character | Right justified, zero filled | 00, 10-90, 99 (site specific) | 2 | New |
| 747 | RX Hosp--Scope Reg 98-02 | Character | | Site specific | 1 | New |
| 748 | RX Hosp--Surg Oth 98-02 | Character | | Site specific | 1 | New |
| 750 | Reserved 04 | Character | | | 46 | Revised |
| 759 | SEER Summary Stage 2000 | Character | | 0-5, 7, 9 | 1 | |
| 760 | SEER Summary Stage 1977 | Character | | 0-5, 7, 9 | 1 | |
| 770 | Loc/Reg/Distant Stage | Character | | 0-3, 9, blank | 1 | |
| 779 | Extent of Disease 10-Dig | Character | | | 12 | |
| 780 | EOD--Tumor Size | Character | Right justified, zero filled | See respective source references | 3 | |
| 790 | EOD--Extension | Character | Right justified, zero filled | Reference SEER Extent of Disease manual | 2 | |
| 800 | EOD--Extension Prost Path | Character | Right justified, zero filled | Reference SEER Extent of Disease manual | 2 | |
| 810 | EOD--Lymph Node Involv | Character | | Reference SEER Extent of Disease manual | 1 | |
| 820 | Regional Nodes Positive | Character | Right justified, zero filled | See respective source references | 2 | |
| 830 | Regional Nodes Examined | Character | Right justified, zero filled | See respective source references | 2 | |
| 840 | EOD--Old 13 Digit | Character | Numeric and special characters | | 13 | |
| 850 | EOD--Old 2 Digit | Character | Numeric plus special characters “&" and "dash" ("-") | | 2 | |
| 860 | EOD--Old 4 Digit | Character | | | 4 | |
| 870 | Coding System for EOD | Character | | 0-4 | 1 | |
| 880 | TNM Path T | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, blank | 2 | Revised |
| 890 | TNM Path N | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, blank | 2 | Revised |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 900 | TNM Path M | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, blank | 2 | Revised |
| 910 | TNM Path Stage Group | Character | Upper case, alphanumeric. Convert AJCC Roman numerals to Arabic numerals. Left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, 99, blank | 2 | Revised |
| 920 | TNM Path Descriptor | Character | | 0-6, 9 | 1 | |
| 930 | TNM Path Staged By | Character | | 0-9 | 1 | Revised |
| 940 | TNM Clin T | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, blank | 2 | Revised |
| 950 | TNM Clin N | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, blank | 2 | Revised |
| 960 | TNM Clin M | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, blank | 2 | Revised |
| 970 | TNM Clin Stage Group | Character | Upper case, alphanumeric. Convert AJCC Roman numerals to Arabic numerals. Left justified, blank filled | See AJCC Cancer Staging Manual and FORDS Manual; also 88, 99, blank | 2 | Revised |
| 980 | TNM Clin Descriptor | Character | | 0-6, 9 | 1 | |
| 990 | TNM Clin Staged By | Character | | 0-9 | 1 | Revised |
| 1000 | TNM Other T | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual; also 88, blank | 2 | |
| 1010 | TNM Other N | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual; also 88, blank | 2 | |
| 1020 | TNM Other M | Character | Upper case, alphanumeric, left justified, blank filled | See AJCC Cancer Staging Manual; also 88, blank | 2 | |
| 1030 | TNM Other Stage Group | Character | Upper case, alphanumeric. Convert AJCC Roman numerals to Arabic numerals. Left justified, blank filled | See AJCC Cancer Staging Manual; also 88, 99, blank | 2 | |
| 1040 | TNM Other Staged By | Character | | 0-9 | 1 | |
| 1050 | TNM Other Descriptor | Character | | 0-6, 9 | 1 | |
| 1060 | TNM Edition Number | Character | Right justified, zero filled | 00-06, 88, 99 | 2 | Revised |
| 1070 | Other Staging System | Character | Free text | Neither carriage return nor line feed characters allowed | 15 | |
| 1080 | Date of 1st Positive BX | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 1090 | Site of Distant Met 1 | Character | | 0-9 | 1 | |
| 1100 | Site of Distant Met 2 | Character | | 0-9 | 1 | |
| 1110 | Site of Distant Met 3 | Character | | 0-9 | 1 | |
| 1120 | Pediatric Stage | Character | | Reference to EDITS table PEDSTAGE.DBF.CODE in Appendix B | 2 | |
| 1130 | Pediatric Staging System | Character | | 00-15, 88, 97, 99 | 2 | |
| 1140 | Pediatric Staged By | Character | | 0-9 | 1 | |
| 1150 | Tumor Marker 1 | Character | | 0-6, 8, 9 | 1 | |
| 1160 | Tumor Marker 2 | Character | | 0-6, 8, 9 | 1 | |
| 1170 | Tumor Marker 3 | Character | | 0-6, 8, 9 | 1 | |
| 1180 | Reserved 05 | Character | | | 50 | |
| 1190 | Reserved 06 | Character | | | 45 | Revised |
| 1200 | RX Date--Surgery | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1210 | RX Date--Radiation | Character | MMDDCCYY | Valid dates, 00000000, 88888888, 99999999 | 8 | Revised |
| 1220 | RX Date--Chemo | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1230 | RX Date--Hormone | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1240 | RX Date--BRM | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1250 | RX Date--Other | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1260 | Date of Initial RX--SEER | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1270 | Date of 1st Crs RX--COC | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1280 | RX Date--DX/Stg Proc | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | Revised |
| 1290 | RX Summ--Surg Prim Site | Character | Right justified, zero filled | 00, 10-80, 90, 98, 99 (site specific) | 2 | Revised |
| 1292 | RX Summ--Scope Reg LN Sur | Character | | 0-7, 9 | 1 | Revised |
| 1294 | RX Summ--Surg Oth Reg/Dis | Character | | 0-5, 9 | 1 | Revised |
| 1296 | RX Summ--Reg LN Examined | Character | Right justified, zero filled | 00-90, 95-99 | 2 | |
| 1300 | Reserved 07 | Character | | | 50 | |
| 1310 | RX Summ--Surgical Approch | Character | | 0-9 (site-specific) | 1 | |
| 1320 | RX Summ--Surgical Margins | Character | | 0-3, 7-9 | 1 | Revised |
| 1330 | RX Summ--Reconstruct 1st | Character | | 0-9 (site-specific) | 1 | |
| 1340 | Reason for No Surgery | Character | | 0-2, 5-9 | 1 | Revised |
| 1350 | RX Summ--DX/Stg Proc | Character | Right justified, zero filled | 00-07, 09 | 2 | Revised |
| 1360 | RX Summ--Radiation | Character | | 0-5, 7-9 | 1 | |
| 1370 | RX Summ--Rad to CNS | Character | | 0, 1, 7-9 | 1 | |
| 1380 | RX Summ--Surg/Rad Seq | Character | | 0, 2-6, 9 | 1 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 1390 | RX Summ--Chemo | Character | Right justified, zero filled | 00-03, 82, 85-88, 99 | 2 | Revised |
| 1400 | RX Summ--Hormone | Character | Right justified, zero filled | 00, 01, 82, 85-88, 99 | 2 | Revised |
| 1410 | RX Summ--BRM | Character | Right justified, zero filled | 00, 01, 82, 85-88, 99 | 2 | Revised |
| 1420 | RX Summ--Other | Character | | 0-3, 6-9 | 1 | Revised |
| 1430 | Reason for No Radiation | Character | | 0-2, 5-9 | 1 | Revised |
| 1440 | Reason for No Chemo | Character | | 0-2, 6-9 | 1 | |
| 1450 | Reason for No Hormone | Character | | 0-2, 6-9 | 1 | |
| 1460 | RX Coding System--Current | Character | Right justified, zero filled | 00-06, 99 | 2 | Revised |
| 1470 | Protocol Eligibility Stat | Character | | 0-4, 6-9 | 1 | |
| 1480 | Protocol Participation | Character | Right justified, zero filled | 00-99 | 2 | |
| 1490 | Referral to Support Serv | Character | | 0, 1, 9 | 1 | |
| 1500 | First Course Calc Method | Character | | 1, 2, 9 | 1 | |
| 1510 | Rad--Regional Dose: cGy | Character | Right justified, zero filled | 00000-99999 | 5 | |
| 1520 | Rad--No of Treatment Vol | Character | Right justified, zero filled | 00-99 | 2 | |
| 1530 | Rad--Elapsed RX Days | Character | Right justified, zero filled | 000-999 | 3 | |
| 1540 | Rad--Treatment Volume | Character | Right justified, zero filled | 00-41, 50, 60, 98, 99 | 2 | Revised |
| 1550 | Rad--Location of RX | Character | | 0-4, 8, 9 | 1 | |
| 1560 | Rad--Intent of Treatment | Character | | 0-2, 4-6, 8, 9 | 1 | |
| 1570 | Rad--Regional RX Modality | Character | Right justified, zero filled | 00, 20-32, 40-43, 50-55, 60-62, 80, 85, 98, 99 | 2 | Revised |
| 1580 | Rad--RX Completion Status | Character | | 0-9 | 1 | |
| 1590 | Rad--Local Control Status | Character | | 0-4, 8, 9 | 1 | |
| 1600 | Chemotherapy Field 1 | Character | No standard | | 3 | |
| 1610 | Chemotherapy Field 2 | Character | No standard | | 3 | |
| 1620 | Chemotherapy Field 3 | Character | No standard | | 3 | |
| 1630 | Chemotherapy Field 4 | Character | No standard | | 3 | |
| 1640 | RX Summ--Surgery Type | Character | Right justified, zero filled | 00-99 (site-specific) | 2 | |
| 1642 | RX Summ--Screen/BX Proc1 | Character | | Site-specific: 0 (all cases); 1-3, 5, 9 (breast); 1-4, 9 (prostate) | 1 | |
| 1643 | RX Summ--Screen/BX Proc2 | Character | | Site-specific: 0 (all cases); 1-7, 9 (breast); 1-3, 9 (prostate) | 1 | |
| 1644 | RX Summ--Screen/BX Proc3 | Character | | Site-specific: 0 (all cases); 1, 9 (breast); 1-5, 9 (prostate) | 1 | |
| 1645 | RX Summ--Screen/BX Proc4 | Character | | Site-specific: 0 (all cases); 1-4, 9 (breast); 1-7, 9 (prostate) | 1 | |
| 1646 | RX Summ--Surg Site 98-02 | Character | Right justified, zero filled | 00, 10-90, 99 (site specific) | 2 | New |
| 1647 | RX Summ--Scope Reg 98-02 | Character | | Site specific | 1 | New |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 1648 | RX Summ--Surg Oth 98-02 | Character | | Site specific | 1 | New |
| 1650 | Reserved 08 | Character | | | 50 | |
| 1660 | Subsq RX 2nd Course Date | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1670 | Subsq RX 2nd Course Codes | Character | | | 7 | |
| 1671 | Subsq RX 2nd Course Surg | Character | Right justified, zero filled | 00, 10-90, 99 | 2 | |
| 1672 | Subsq RX 2nd Course Rad | Character | | 0-5, 9 | 1 | |
| 1673 | Subsq RX 2nd Course Chemo | Character | | 0-3, 9 | 1 | |
| 1674 | Subsq RX 2nd Course Horm | Character | | 0-3, 9 | 1 | |
| 1675 | Subsq RX 2nd Course BRM | Character | | 0-9 | 1 | |
| 1676 | Subsq RX 2nd Course Oth | Character | | 0-3, 6-9 | 1 | |
| 1677 | Subsq RX 2nd--Scope LN SU | Character | | 0-9 | 1 | |
| 1678 | Subsq RX 2nd--Surg Oth | Character | | 0-9 | 1 | |
| 1679 | Subsq RX 2nd--Reg LN Rem | Character | Right justified, zero filled | 00-90, 95-99 | 2 | |
| 1680 | Subsq RX 3rd Course Date | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1690 | Subsq RX 3rd Course Codes | Character | | | 7 | |
| 1691 | Subsq RX 3rd Course Surg | Character | Right justified, zero filled | 00, 10-90, 99 | 2 | |
| 1692 | Subsq RX 3rd Course Rad | Character | | 0-5, 9 | 1 | |
| 1693 | Subsq RX 3rd Course Chemo | Character | | 0-3, 9 | 1 | |
| 1694 | Subsq RX 3rd Course Horm | Character | | 0-3, 9 | 1 | |
| 1695 | Subsq RX 3rd Course BRM | Character | | 0-9 | 1 | |
| 1696 | Subsq RX 3rd Course Oth | Character | | 0-3, 6-9 | 1 | |
| 1697 | Subsq RX 3rd--Scope LN Su | Character | | 0-9 | 1 | |
| 1698 | Subsq RX 3rd--Surg Oth | Character | | 0-9 | 1 | |
| 1699 | Subsq RX 3rd--Reg LN Rem | Character | Right justified, zero filled | 00-90, 95-99 | 2 | |
| 1700 | Subsq RX 4th Course Date | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1710 | Subsq RX 4th Course Codes | Character | | | 7 | |
| 1711 | Subsq RX 4th Course Surg | Character | Right justified, zero filled | 00, 10-90, 99 | 2 | |
| 1712 | Subsq RX 4th Course Rad | Character | | 0-5, 9 | 1 | |
| 1713 | Subsq RX 4th Course Chemo | Character | | 0-3, 9 | 1 | |
| 1714 | Subsq RX 4th Course Horm | Character | | 0-3, 9 | 1 | |
| 1715 | Subsq RX 4th Course BRM | Character | | 0-9 | 1 | |
| 1716 | Subsq RX 4th Course Oth | Character | | 0-3, 6-9 | 1 | |
| 1717 | Subsq RX 4th--Scope LN Su | Character | | 0-9 | 1 | |
| 1718 | Subsq RX 4th--Surg Oth | Character | | 0-9 | 1 | |
| 1719 | Subsq RX 4th--Reg LN Rem | Character | Right justified, zero filled | 00-90, 95-99 | 2 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 1720 | Subsq RX 5th Course Date | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1730 | Subsq RX 5th Course Codes | Character | | | 7 | |
| 1731 | Subsq RX 5th Course Surg | Character | Right justified, zero filled | 00, 10-90, 99 | 2 | |
| 1732 | Subsq RX 5th Course Rad | Character | | 0-5, 9 | 1 | |
| 1733 | Subsq RX 5th Course Chemo | Character | | 0-3, 9 | 1 | |
| 1734 | Subsq RX 5th Course Horm | Character | | 0-3, 9 | 1 | |
| 1735 | Subsq RX 5th Course BRM | Character | | 0-9 | 1 | |
| 1736 | Subsq RX 5th Course Oth | Character | | 0-3, 6-9 | 1 | |
| 1737 | Subsq RX 5th--Scope LN Su | Character | | 0-9 | 1 | |
| 1738 | Subsq RX 5th--Surg Oth | Character | | 0-9 | 1 | |
| 1739 | Subsq RX 5th--Reg LN Rem | Character | Right justified, zero filled | 00-90, 95-99 | 2 | |
| 1740 | Reserved 09 | Character | | | 50 | |
| 1741 | Subsq RX--Reconstruct Del | Character | | Site-specific | 1 | |
| 1750 | Date of Last Contact | Character | MMDDCCYY | Valid dates or 99999999 | 8 | |
| 1760 | Vital Status | Character | | 0, 1, 4 | 1 | |
| 1770 | Cancer Status | Character | | 1, 2, 9 | 1 | |
| 1780 | Quality of Survival | Character | | 0-4, 8, 9 | 1 | |
| 1790 | Follow-Up Source | Character | | 0-5, 7-9 | 1 | |
| 1800 | Next Follow-Up Source | Character | | 0-5, 8, 9 | 1 | |
| 1810 | Addr Current--City | Character | Mixed case letters, no special characters, embedded spaces allowed, left justified, blank filled | | 20 | |
| 1820 | Addr Current--State | Character | Upper case | See EDITS table STATE.DBF in Appendix B | 2 | |
| 1830 | Addr Current--Postal Code | Character | Numbers or upper case letters. No special characters or embedded spaces allowed. Left justified, blank filled. | 5-digit or 9-digit U.S. ZIP codes; 6- character Canadian postal codes; valid postal codes from other countries, 888888888, 999999999 | 9 | |
| 1835 | Reserved 10 | Character | | | 50 | |
| 1840 | County--Current | Character | Right justified, zero filled | See Appendix A for standard FIPS county codes. See EDITS table BPLACE.DBF in Appendix B for geocodes used by CoC for non-U.S. residents. Also 998, 999 | 3 | |
| 1842 | Follow-Up Contact--City | Character | Mixed case letters, no special characters, embedded spaces allowed, left justified, blank filled | | 20 | |
| 1844 | Follow-Up Contact--State | Character | Upper case | See EDITS table STATE.DBF in Appendix B | 2 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 1846 | Follow-Up Contact--Postal | Character | Numbers or upper case letters. No special characters or embedded spaces allowed. Left justified, blank filled | 5-digit or 9-digit U.S. ZIP codes; 6- character Canadian postal codes; valid postal codes from other countries, 888888888, 999999999 | 9 | |
| 1850 | Unusual Follow-Up Method | Character | | 0-9 | 1 | |
| 1860 | Recurrence Date--1st | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | |
| 1871 | Recurrence Distant Site 1 | Character | | 0-9 | 1 | |
| 1872 | Recurrence Distant Site 2 | Character | | 0-9 | 1 | |
| 1873 | Recurrence Distant Site 3 | Character | | 0-9 | 1 | |
| 1880 | Recurrence Type--1st | Character | Right justified, zero filled | 00, 04, 06, 10, 13-17, 20-22, 25-27, 30, 36, 40, 46, 51-60, 62, 70, 88, 99 | 2 | Revised |
| 1890 | Recurrence Type--1st--Oth | Character | | 00, 01, 06, 10, 11, 15-17, 20-22, 25-27, 30, 36, 40, 46, 70, 88, 99 | 2 | |
| 1900 | Reserved 11 | Character | | | 50 | |
| 1910 | Cause of Death | Character | 4 digits (for ICD-7, 8, 9) or upper case letter followed by 3 digits (for ICD-10) | Valid ICD-7, ICD-8, ICD-9, and ICD-10 codes; also 0000, 7777, 7797 | 4 | |
| 1920 | ICD Revision Number | Character | | 0, 1, 7, 8, 9 | 1 | |
| 1930 | Autopsy | Character | | 0-2, 9 | 1 | |
| 1940 | Place of Death | Character | Right justified, zero filled | Reference SEER Manual | 3 | |
| 1950 | Reserved 12 | Character | | | 50 | |
| 1960 | Site (73-91) ICD-O-1 | Character | Four digits, first digit equals 1 | Reference ICD-O-1 for valid entries | 4 | |
| 1970 | Morph (73-91) ICD-O-1 | Character | | Reference ICD-O-1 for valid entries | 6 | |
| 1971 | Histology (73-91) ICD-O-1 | Character | | Reference ICD-O-1 for valid entries | 4 | |
| 1972 | Behavior (73-91) ICD-O-1 | Character | | Reference ICD-O-1 for valid entries | 1 | |
| 1973 | Grade (73-91) ICD-O-1 | Character | | Reference ICD-O-1 for valid entries | 1 | |
| 1980 | ICD-O-2 Conversion Flag | Character | | 0-6 | 1 | |
| 1981 | Over-ride SS/NodesPos | Character | | 1 or blank | 1 | |
| 1982 | Over-ride SS/TNM-N | Character | | 1 or blank | 1 | |
| 1983 | Over-ride SS/TNM-M | Character | | 1 or blank | 1 | |
| 1984 | Over-ride SS/DisMet1 | Character | | 1 or blank | 1 | |
| 1985 | Over-ride Acsn/Class/Seq | Character | | 1 or blank | 1 | |
| 1986 | Over-ride HospSeq/DxConf | Character | | 1 or blank | 1 | |
| 1987 | Over-ride COC-Site/Type | Character | | 1 or blank | 1 | |
| 1988 | HospSeq/Site | Character | | 1 or blank | 1 | |
| 1989 | Over-ride Site/TNM-StgGrp | Character | | 1 or blank | 1 | |
| 1990 | Over-ride Age/Site/Morph | Character | | 1 or blank | 1 | |
| 2000 | Over-ride SeqNo/DxConf | Character | | 1 or blank | 1 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 2010 | Over-ride Site/Lat/SeqNo | Character | | 1 or blank | 1 | |
| 2020 | Over-ride Surg/DxConf | Character | | 1 or blank | 1 | |
| 2030 | Over-ride Site/Type | Character | | 1 or blank | 1 | |
| 2040 | Over-ride Histology | Character | | 1-3 or blank | 1 | |
| 2050 | Over-ride Report Source | Character | | 1 or blank | 1 | |
| 2060 | Over-ride Ill-define Site | Character | | 1 or blank | 1 | |
| 2070 | Over-ride Leuk, Lymphoma | Character | | 1 or blank | 1 | |
| 2071 | Over-ride Site/Behavior | Character | | 1 or blank | 1 | |
| 2072 | Over-ride Site/EOD/DX Dt | Character | | 1 or blank | 1 | |
| 2073 | Over-ride Site/Lat/EOD | Character | | 1 or blank | 1 | |
| 2074 | Over-ride Site/Lat/Morph | Character | | 1 or blank | 1 | |
| 2081 | CRC CHECKSUM | Character | | Calculated or blank | 10 | |
| 2090 | Date Case Completed | Character | MMDDCCYY | | 8 | |
| 2100 | Date Case Last Changed | Character | MMDDCCYY | | 8 | |
| 2110 | Date Case Report Exported | Character | MMDDCCYY | | 8 | |
| 2111 | Date Case Report Received | Character | MMDDCCYY | | 8 | |
| 2112 | Date Case Report Loaded | Character | MMDDCCYY | | 8 | |
| 2113 | Date Tumor Record Availbl | Character | MMDDCCYY | | 8 | |
| 2114 | Future Use Timeliness 1 | Character | No standard' | | 8 | |
| 2115 | Future Use Timeliness 2 | Character | No standard | | 8 | |
| 2116 | ICD-O-3 Conversion Flag | Character | | Blank, 0, 1, 3 | 1 | |
| 2120 | SEER Coding Sys--Current | Character | | 0-6 | 1 | Revised |
| 2130 | SEER Coding Sys--Original | Character | | 0-6 | 1 | Revised |
| 2140 | COC Coding Sys--Current | Character | Right justified, zero filled | 00-08, 99 | 2 | Revised |
| 2150 | COC Coding Sys--Original | Character | Right justified, zero filled | 00-08, 99 | 2 | Revised |
| 2160 | Subsq Report for Primary | Character | | | 0 | Retired |
| 2161 | Reserved 20 | Character | | | 0 | Retired |
| 2170 | Vendor Name | Character | Embedded spaces allowed | | 10 | |
| 2180 | SEER Type of Follow-Up | Character | | 1-4 | 1 | |
| 2190 | SEER Record Number | Character | Right justified, zero filled | 01-99 | 2 | |
| 2200 | Diagnostic Proc 73-87 | Character | | | 2 | |
| 2210 | Reserved 14 | Character | | | 0 | Retired |
| 2220 | State/Requestor Items | Character | | | 500 | |
| 2230 | Name--Last | Character | Mixed case, no embedded spaces, left justified, blank filled. Embedded hyphen allowed, but no other special characters | | 25 | |
| 2240 | Name--First | Character | Mixed case, no embedded spaces, no special characters, left justified, blank filled | | 14 | |
| 2250 | Name--Middle | Character | Mixed case, no embedded spaces, no special characters, left justified, blank filled | | 14 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 2260 | Name--Prefix | Character | Mixed case, no special characters | | 3 | |
| 2270 | Name--Suffix | Character | Mixed case, no special characters | | 3 | |
| 2280 | Name--Alias | Character | Left justified, blank filled | | 15 | |
| 2290 | Name--Spouse/Parent | Character | No standard | | 50 | |
| 2300 | Medical Record Number | Character | Leading spaces, right justified | | 11 | |
| 2310 | Military Record No Suffix | Character | Right justified, zero filled | 01-20, 30-69, 98, 99 | 2 | |
| 2320 | Social Security Number | Character | 9 digits, no dashes | Any 9-digit number except 000000000 | 9 | |
| 2330 | Addr at DX--No & Street | Character | Mixed case, embedded spaces, punctuation limited to periods, slashes, hyphens, and pound signs. Left justified, space filled | | 40 | Revised |
| 2335 | Addr at DX--Supplementl | Character | Mixed case, embedded spaces, punctuation limited to periods, slashes, hyphens, and pound signs. Left justified, space filled | | 40 | New |
| 2350 | Addr Current--No & Street | Character | Mixed case, embedded spaces, punctuation limited to periods, slashes, hyphens, and pound signs. Left justified, space filled | | 40 | Revised |
| 2352 | Latitude | Character | Right justified | See Data Dictionary | 10 | New |
| 2354 | Longitude | Character | Right justified | See Data Dictionary | 11 | New |
| 2355 | Addr Current--Supplementl | Character | Mixed case, embedded spaces, punctuation limited to periods, slashes, hyphens, and pound signs. Left justified, space filled | | 40 | New |
| 2360 | Telephone | Character | 10-digit number | Any 10-digit number | 10 | |
| 2370 | DC State | Character | | | 0 | Retired |
| 2371 | Reserved for Expansion | Character | | | 0 | Retired |
| 2380 | DC State File Number | Character | | Any characters or blank | 6 | |
| 2390 | Name--Maiden | Character | Mixed case, no embedded spaces, left justified, blank filled, embedded hyphen allowed, no other special characters | | 15 | |
| 2392 | Follow-Up Contact--No&St | Character | Mixed case, embedded spaces, punctuation limited to periods, slashes, hyphens, and pound signs. Left justified, space filled | | 40 | Revised |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 2393 | Follow-Up Contact--Suppl | Character | Mixed case, embedded spaces, punctuation limited to periods, slashes, hyphens, and pound signs. Left justified, space filled | | 40 | New |
| 2394 | Follow-Up Contact--Name | Character | Mixed case, embedded spaces, no special characters, left justified, blank fill | | 30 | |
| 2400 | Reserved 16 | Character | | | 0 | Retired |
| 2410 | Institution Referred From | Character | Right justified and zero filled | 10-digit number | 10 | Revised |
| 2420 | Institution Referred To | Character | Right justified and zero filled | 10-digit number | 10 | Revised |
| 2430 | Last Follow-Up Hospital | Character | Right justified and zero filled, | 10-digit number | 10 | Revised |
| 2440 | Following Registry | Character | Right justified and zero filled | 10-digit number | 10 | Revised |
| 2450 | Reserved 17 | Character | | | 0 | Retired |
| 2460 | Physician--Managing | Character | Left justified | | 8 | |
| 2470 | Physician--Follow-Up | Character | Left justified | | 8 | |
| 2480 | Physician--Primary Surg | Character | Left justified | | 8 | |
| 2490 | Physician 3 | Character | Left justified | | 8 | |
| 2500 | Physician 4 | Character | Left justified | | 8 | |
| 2520 | Text--DX Proc--PE | Character | Free text | Neither carriage return nor line feed characters allowed | 200 | |
| 2530 | Text--DX Proc--X-ray/Scan | Character | Free text | Neither carriage return nor line feed characters allowed | 250 | |
| 2540 | Text--DX Proc--Scopes | Character | Free text | Neither carriage return nor line feed characters allowed | 250 | |
| 2550 | Text--DX Proc--Lab Tests | Character | Free text | Neither carriage return nor line feed characters allowed | 250 | |
| 2560 | Text--DX Proc--Op | Character | Free text | Neither carriage return nor line feed characters allowed | 250 | |
| 2570 | Text--DX Proc--Path | Character | Free text | Neither carriage return nor line feed characters allowed | 250 | |
| 2580 | Text--Primary Site Title | Character | Free text | Neither carriage return nor line feed characters allowed | 40 | |
| 2590 | Text--Histology Title | Character | Free text | Neither carriage return nor line feed characters allowed | 40 | |
| 2600 | Text--Staging | Character | Free text | Neither carriage return nor line feed characters allowed | 300 | |
| 2610 | RX Text--Surgery | Character | Free text | Neither carriage return nor line feed characters allowed | 150 | |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 2620 | RX Text--Radiation (Beam) | Character | Free text | Neither carriage return nor line feed characters allowed | 150 | |
| 2630 | RX Text--Radiation Other | Character | Free text | Neither carriage return nor line feed characters allowed | 150 | |
| 2640 | RX Text--Chemo | Character | Free text | Neither carriage return nor line feed characters allowed | 200 | |
| 2650 | RX Text--Hormone | Character | Free text | Neither carriage return nor line feed characters allowed | 200 | |
| 2660 | RX Text--BRM | Character | Free text | Neither carriage return nor line feed characters allowed | 100 | |
| 2670 | RX Text--Other | Character | Free text | Neither carriage return nor line feed characters allowed | 100 | |
| 2680 | Text--Remarks | Character | Free text | Neither carriage return nor line feed characters allowed | 350 | |
| 2690 | Place of Diagnosis | Character | Free text | Neither carriage return nor line feed characters allowed | 50 | |
| 2700 | Reserved 19 | Character | | | 770 | |
| 2800 | CS Tumor Size | Character | Right justified, zero filled | 000-990, 999 | 3 | New |
| 2810 | CS Extension | Character | Right justified, zero filled | 00-99 (site specific) | 2 | New |
| 2820 | CS Tumor Size/Ext Eval | Character | | 0-3, 5, 6, 8, 9 | 1 | New |
| 2830 | CS Lymph Nodes | Character | Right justified, zero filled | 00-99 (site specific) | 2 | New |
| 2840 | CS Reg Nodes Eval | Character | | 0-3, 5, 6, 8, 9 | 1 | New |
| 2850 | CS Mets at DX | Character | Right justified, zero filled | 00-99 (site specific) | 2 | New |
| 2860 | CS Mets Eval | Character | | 0-3, 5, 6, 8, 9 | 1 | New |
| 2880 | CS Site-Specific Factor 1 | Character | Right justified, zero filled | 000-999 (site specific) | 3 | New |
| 2890 | CS Site-Specific Factor 2 | Character | Right justified, zero filled | 000-999 (site specific) | 3 | New |
| 2900 | CS Site-Specific Factor 3 | Character | Right justified, zero filled | 000-999 (site specific) | 3 | New |
| 2910 | CS Site-Specific Factor 4 | Character | Right justified, zero filled | 000-999 (site specific) | 3 | New |
| 2920 | CS Site-Specific Factor 5 | Character | Right justified, zero filled | 000-999 (site specific) | 3 | New |
| 2930 | CS Site-Specific Factor 6 | Character | Right justified, zero filled | 000-999 (site specific) | 3 | New |
| 2940 | Derived AJCC T | Character | | Derived from Collaborative Stage fields | 2 | New |
| 2950 | Derived AJCC T Descriptor | Character | | c, p, a, y (derived from Collaborative Stage fields) | 1 | New |
| 2960 | Derived AJCC N | Character | | Derived from Collaborative Stage fields | 2 | New |
| 2970 | Derived AJCC N Descriptor | Character | | c, p, a, y (derived from Collaborative Stage fields) | 1 | New |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 2980 | Derived AJCC M | Character | | Derived from Collaborative Stage fields | 2 | New |
| 2990 | Derived AJCC M Descriptor | Character | | c, p, a, y (derived from Collaborative Stage fields) | 1 | New |
| 3000 | Derived AJCC Stage Group | Character | | Derived from Collaborative Stage fields | 2 | New |
| 3010 | Derived SS1977 | Character | | 0-5, 7, 9 (derived from Collaborative Stage fields) | 1 | New |
| 3020 | Derived SS2000 | Character | | 0-5, 7, 9 (derived from Collaborative Stage fields) | 1 | New |
| 3030 | Derived AJCC--Flag | Character | | 1, 2, blank | 1 | New |
| 3040 | Derived SS1977--Flag | Character | | 1, 2, blank | 1 | New |
| 3050 | Derived SS2000--Flag | Character | | 1, 2, blank | 1 | New |
| 3100 | Archive FIN | Character | Right justified, zero filled | 10-digit number | 10 | New |
| 3110 | Comorbid/Complication 1 | Character | Left justified, zero filled | 00000, 00100-13980, 24000-99990, E8700-E8799, E9300-E9499 | 5 | New |
| 3120 | Comorbid/Complication 2 | Character | Left justified, zero filled | 00100-13980, 24000-99990, E8700-E8799, E9300-E9499, blank | 5 | New |
| 3130 | Comorbid/Complication 3 | Character | Left justified, zero filled | 00100-13980, 24000-99990, E8700-E8799, E9300-E9499, blank | 5 | New |
| 3140 | Comorbid/Complication 4 | Character | Left justified, zero filled | 00100-13980, 24000-99990, E8700-E8799, E9300-E9499, blank | 5 | New |
| 3150 | Comorbid/Complication 5 | Character | Left justified, zero filled | 00100-13980, 24000-99990, E8700-E8799, E9300-E9499, blank | 5 | New |
| 3160 | Comorbid/Complication 6 | Character | Left justified, zero filled | 00100-13980, 24000-99990, E8700-E8799, E9300-E9499, blank | 5 | New |
| 3170 | RX Date--Most Defin Surg | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | New |
| 3180 | RX Date--Surgical Disch | Character | MMDDCCYY | Valid dates, 00000000, 99999999 | 8 | New |
| 3190 | Readm Same Hosp 30 Days | Character | | 0-3, 9 | 1 | New |
| 3200 | Rad--Boost RX Modality | Character | Right justified, zero filled | 00, 20-32, 40-43, 50-55, 60-62, 98, 99 | 2 | New |
| 3210 | Rad--Boost Dose cGy | Character | Right justified, zero filled | 00000-99999 | 5 | New |
| 3220 | RX Date--Radiation Ended | Character | MMDDCCYY | Valid dates, 00000000, 88888888, 99999999 | 8 | New |
| 3230 | RX Date--Systemic | Character | MMDDCCYY | Valid dates, 00000000, 88888888, 99999999 | 8 | New |
| 3250 | RX Summ--Transplnt/Endocr | Character | Right justified, zero filled | 00, 10-12, 20, 30, 40, 82, 85-88, 99 | 2 | New |
| 3260 | Pain Assessment | Character | | 0-3, 9 | 1 | New |

| Item # | Item Name | Data Type | Format | Allowable Values | Length | Note |
|---|---|---|---|---|---|---|
| 3270 | RX Summ--Palliative Proc | Character | | 0-7, 9 | 1 | New |
| 3280 | RX Hosp--Palliative Proc | Character | | 0-7, 9 | 1 | New |
| 3300 | RuralUrban Continuum 1993 | Character | Right justified, zero filled | 00-09, 98, 99, blank (calculated) | 2 | New |
| 3310 | RuralUrban Continuum 2000 | Character | Right justified, zero filled | 00-09, 98, 99, blank (calculated) | 2 | New |

## Chapter XI: Data Dictionary

### RESERVED 04

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 750 | 46 | | 482-527 |

### RESERVED 05

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1180 | 50 | | 705-754 |

### RESERVED 06

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1190 | 45 | | 943-987 |

### RESERVED 07

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1300 | 50 | | 1065-1114 |

### RESERVED 08

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1650 | 50 | | 1244-1293 |

### RESERVED 09

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1740 | 50 | | 1397-1446 |

### RESERVED 10

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1835 | 50 | | 2415-2464 |

**RX HOSP--SCOPE REG 98-02** **(New Field)**

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 747 | 1 | COC | 480-480 |

**Description**
Describes the removal, biopsy, or aspiration of regional lymph node(s) at the time of surgery of the primary site or during a separate surgical event at the reporting facility. This field is to be used for ROADS codes after the ROADS-to-FORDS conversion. It also is to be used to code Scope of Regional Lymph Node Surgery at the reporting facility for all cases diagnosed before January 1, 2003.

**Rationale**
In evaluating quality of care and treatment practices it is important to identify the removal, biopsy, or aspiration of regional lymph node(s) at the time of surgery of the primary site or during a separate surgical event.

If central registries wish to study the treatment given at particular hospitals, the hospital-level treatment fields must be used. The summary treatment fields, conversely, combine information across all hospitals that provide first course of treatment for the tumor. Hospital-specific fields allow studies of detailed referral patterns and treatment by type of hospital. Knowing the extent of treatment given at a particular hospital also helps resolve coding issues.

**Codes:**
*Note:* See the CoC *ROADS Manual*, 1998 Supplement (CoC Coding System #2140, code 7), and the *SEER Program Code Manual*, 1998 (RX Coding System #1460, code 5), for site-specific codes.

**RX HOSP--SURG OTH 98-02** **(New Field)**

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 748 | 1 | COC | 481-481 |

**Description**
Records the surgical removal of *distant* lymph nodes or other tissue(s)/organ(s) beyond the primary site at this facility. This field is to be used for ROADS codes after the ROADS-to-FORDS conversion. It also is to be used to code Surgery Other Regional/Distant Sites at the reporting facility for all cases diagnosed before January 1, 2003.

**Rationale**
The removal of non-primary tissue documents the extent of surgical treatment and is useful in evaluating the extent of metastatic involvement. If central registries wish to study the treatment given at particular hospitals, the hospital-level treatment fields must be used. The summary treatment fields, conversely, combine information across all hospitals that provide first course of treatment for the tumor. Hospital-specific fields allow studies of detailed referral patterns and treatment by type of hospital. Knowing what part of the treatment was given at a particular hospital also helps resolve coding issues.

**Codes**
*Note:* See the CoC *ROADS Manual*, 1998 Supplement (CoC Coding System #2140, code 7), and the *SEER Program Code Manual*, 1998 (RX Coding System #1460, code 5) for site-specific codes.

**RX HOSP--SURG SITE 98-02** **(New Field)**

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 746 | 2 | COC | 478-479 |

**Description**
Describes surgical procedures used to treat the primary site of the reportable tumor. This item records that portion of the first course of treatment given at the reporting facility. This field is to be used for ROADS codes after the ROADS-to-FORDS conversion. It also is to be used to code Surgery Primary Site at the reporting facility for all cases diagnosed before January 1, 2003. See Chapter V, Unresolved Issues, for a discussion of differences in treatment coding among groups and over time.

**Rationale**
If central registries wish to study the treatment given at particular hospitals, the hospital-level treatment fields must be used. The summary treatment fields, conversely, combine information across all hospitals that provide first course of treatment for the tumor. Hospital-specific fields allow studies of detailed referral patterns and treatment by type of hospital. Knowing what part of the treatment was given at a particular hospital also helps resolve coding issues.

**Codes (in addition to the site-specific codes)**
00 No cancer-directed surgery performed.
99 Unknown if cancer-directed surgery performed.

*Note:* See the CoC *ROADS Manual*, 1998 Supplement (CoC Coding System #2140, code 7), and the *SEER Program Code Manual*, 1998 (RX Coding System #1460, code 5), for site-specific codes.

**RX SUMM--SCOPE REG 98-02** **(New Field)**

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1647 | 1 | SEER/COC | 941-941 |

**Description**
Describes the removal, biopsy, or aspiration of regional lymph node(s) at the time of surgery of the primary site or during a separate surgical event at all facilities. This field is to be used for ROADS codes after the ROADS-to-FORDS conversion. It also is to be used to code Scope of Regional Lymph Node Surgery at all facilities for all cases diagnosed before January 1, 2003.

**Rationale**
In evaluating quality of care and treatment practices it is important to identify the removal, biopsy, or aspiration of regional lymph node(s) at the time of surgery of the primary site or during a separate surgical event.

If central registries wish to study the treatment given at particular hospitals, the hospital-level treatment fields must be used. The summary treatment fields, conversely, combine information across all hospitals that provide first course of treatment for the tumor. Hospital-specific fields allow studies of detailed referral patterns and treatment by type of hospital. Knowing the extent of treatment given at a particular hospital also helps resolve coding issues.

**Codes**
*Note:* See the CoC *ROADS Manual*, 1998 Supplement (CoC Coding System #2140, code 7), and the *SEER Program Code Manual*, 1998 (RX Coding System #1460, code 5), for site-specific codes.

**RX SUMM--SURG OTH 98-02** **(New Field)**

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1648 | 1 | SEER/COC | 942-942 |

**Description**
Records the surgical removal of *distant* lymph nodes or other tissue(s)/organ(s) beyond the primary site given at all facilities as part of the first course of treatment. This field is to be used for ROADS codes after the ROADS-to-FORDS conversion. It also is to be used to code Surgery Regional/Distant Sites at all facilities for all cases diagnosed before January 1, 2003.

**Rationale**
The removal of non-primary tissue documents the extent of surgical treatment and is useful in evaluating the extent of metastatic involvement. If central registries wish to study the treatment given at particular hospitals, the hospital-level treatment fields must be used. The summary treatment fields, conversely, combine information across all hospitals that provide first course of treatment for the tumor. Hospital-specific fields allow studies of detailed referral patterns and treatment by type of hospital. Knowing what part of the treatment was given at a particular hospital also helps resolve coding issues.

**Codes**
*Note:* See the CoC *ROADS Manual*, 1998 Supplement (CoC Coding System #2140, code 7), and the *SEER Program Code Manual*, 1998 (RX Coding System #1460, code 5), for site-specific codes.

**RX SUMM--SURG SITE 98-02** **(New Field)**

| Alternate Name | Item # | Length | Source of Standard | Column # |
|---|---|---|---|---|
| | 1646 | 2 | SEER/COC | 939-940 |

**Description**
Site-specific codes for the type of surgery to the primary site performed as part of the first course of treatment. This includes treatment given at all facilities as part of the first course of treatment. This field is to be used for ROADS codes after the ROADS-to-FORDS conversion. It also is to be used to code Surgery Primary Site at all facilities for all cases diagnosed before January 1, 2003.

**Rationale**
If central registries wish to study the treatment given at particular hospitals, the hospital-level treatment fields must be used. The summary treatment fields, conversely, combine information across all hospitals that provide first course of treatment for the tumor. Hospital-specific fields allow studies of detailed referral patterns and treatment by type of hospital. Knowing what part of the treatment was given at a particular hospital also helps resolve coding issues.

**Codes (in addition to the site-specific codes)**
00 No primary site surgery performed.
99 Unknown if primary site surgery performed.

*Note:* See the CoC *ROADS Manual*, 1998 Supplement (CoC Coding System #2140, code 7), and the *SEER Program Code Manual*, 1998 (RX Coding System #1460, code 5), for site-specific codes.

# Appendix E: 2003 Implementation Documentation and Tools

The documentation and conversion tools presented in Table E-1 have been or will be made available to facilitate the implementation of NAACCR Version 10 standards.

**TABLE E-1. Documentation/Conversion Tools Available for NAACCR Version 10 Implementation.**

| Documentation/Tools | Anticipated Availability |
|---|---|
| NAACCR Volume II, Version 10 | June 10, 2002 |
| NAACCR Volume II, Version 10, Errata | January 6, 2003 |
| FORDS | July 15, 2002 |
| FORDS, Published Page Revisions | August - December 2002 |
| *SEER Program Code Manual, Third Edition, Revision 1* | January 2003 |
| CoC ROADS to FORDS Conversion Rules and Computer Code | August 15, 2002 |
| CoC ROADS to FORDS Conversion Rules and Computer Code, Revisions | January 3, 2003 |
| NPCR NAACCR Version 9.1 to Version 10 Conversion Computer Code | February 2003 |
| NAACCR Version 10 EDITS Metafile | End of January 2003 |