



**Florida Cancer Data System  
2007 Implementation Guideline  
NAACCR Version 11.1 Data Standard  
Recommendations**

**March 29<sup>th</sup>, 2007  
Revised June 26<sup>th</sup>, 2007  
Revised July 6<sup>th</sup>, 2007  
Revised July 17<sup>th</sup>, 2007**



This document will explain how Florida Cancer Data System plans to implement the NAACCR Version 11.1 data standards. These standards are a result of a joint collaboration between NAACCR, COC, SEER and NPCR. This document should be viewed as a starting point in modifying your software to include the changes in the data requirements when submitting data to FCDS.

The document is subject to change; all revisions will be listed on the cover page. Document revisions will be posted and dated on our website ([www.fcds.med.miami.edu](http://www.fcds.med.miami.edu)). The required implementation of the Version 11.1 format will take effect July 1<sup>st</sup>, 2007. **Any attempt to send diagnosis year 2007 data or Version 11.1 format prior to July 1<sup>st</sup>, 2007 will be rejected.**

Below is a summary of the changes to the FCDS reporting requirement. The rest of the document will give details and discuss what data is expected to be collected and reported.

## **Summary of Changes Effective 7/1/2007**

### **1. New Multiple Primary and Histology Coding Rules**

The new Multiple Primary and Histology Coding Rules go into effect starting with cases diagnosed in January 2007. For explanation of the rules please visit the SEER website.

<http://seer.cancer.gov/tools/mphrules/>

### **2. No new data items are required to be reported to FCDS.**

FCDS data requirements are aligned with the reporting requirements from the National Program of Cancer Registries (NPCR) at the Center for Disease Control. For diagnosis year 2007, NPCR has not added any new required fields to be collected.

### **3. Optional reporting of Class of Case 3 Historical cases using a new minimal dataset.**

We are happy to announce that FCDS will be accepting a minimal dataset for Class of Case 3 Historical cases. After a year of discussion by the FCRA/FCDS Task Force, we designed an acceptable method of reporting Class of Case 3 Historical cases with insufficient information in a minimal dataset. This information will be stored in the **FCDS State Specific** section of the NAACCR V11.1 record layout. You are **not required** to use this new format. FCDS will continue to accept these cases as full abstracts as it has in the past.

**DEFINITION:** A Class of Case 3 Historical case refers to a primary reportable neoplasm (malignant or benign/borderline brain/CNS tumors)

that it is not active and currently not receiving any treatment **AND** the patient is seen at the reporting facility for another cancer/benign reportable neoplasm that is active and/or undergoing treatment.

- a. For every abstract submitted, the record layout will allow for the entry of five (5) Class of Case 3 Historical cases. The fields required for each of the five cases include:
    - 1) Sequence Number
    - 2) Diagnosis Date
    - 3) Primary Site
    - 4) Morphology (ICDO2/ICDO3 depending on Diagnosis Date)
    - 5) Behavior (ICDO2/ICDO3 depending on Diagnosis Date)
    - 6) Laterality
    - 7) State of Residence at Diagnosis
    - 8) County of Residence at Diagnosis
  - b. These fields will be edited at time of transmission and will include Sequence Number and Diagnosis Date edit checks.
  - c. These fields should **ONLY** be used when abstracting a Class of Case 3 Historical case with **insufficient information**. A complete, **FULL ABSTRACT MUST** be reported to FCDS for those cases with **sufficient information** in the patient's medical record.
  - d. **REMEMBER**, the minimal dataset only applies to Class of Case 3 Historical cases with insufficient information. All other Non-Analytical Class of Case 3 cases and Class of Case 3 Historical cases with sufficient information **REQUIRE** a full abstract to be reported to FCDS.
  - e. Quality Control for these cases will be increased and documentation supporting the minimal dataset may need to be provided.
- 4. New edits verifying the spelling and location of cities within the state of Florida.**
- a. Due to the increased necessity for GIS/Spatial mapping, FCDS will be implementing edits that verify the proper spelling of city and the validity that the city exists in a particular county and zip code area. The spelling of the city will need to be in an acceptable format that has been established by the USPS.
  - b. This edit will initially be a warning and it will become a **MANDATORY** edit on **1/1/2008**.

- c. FCDS will provide a table of all the valid combinations. This table will be made available for download from our web site by 4/1/2007. This information will be updated as we receive current information from the USPS. The table can be found at <http://fcds.med.miami.edu>.

**5. New edits based on the NAACCR V11.1 Metafile.**

FCDS has reviewed the NAACCR V11.1 Metafile and has listed new and enhanced edits at the end of this document.

**If you have any questions please feel free to contact FCDS at 305-243-4600.**

## Class of Case 3 Historical Reporting Data Dictionary

| Field Name                      | NAACCR Item # | Length | Column #  |
|---------------------------------|---------------|--------|-----------|
| Historical #1: Sequence Number  | 2220          | 2      | 1485-1486 |
| Historical #1: Dx Date          | 2220          | 8      | 1487-1494 |
| Historical #1: Primary Site     | 2220          | 4      | 1495-1498 |
| Historical #1: Morphology       | 2220          | 4      | 1499-1502 |
| Historical #1: Behavior         | 2220          | 1      | 1503-1503 |
| Historical #1: Laterality       | 2220          | 1      | 1504-1504 |
| Historical #1: Dx State Geocode | 2220          | 3      | 1505-1507 |
| Historical #1: Dx County Code   | 2220          | 2      | 1508-1509 |
| Historical #2: Sequence Number  | 2220          | 2      | 1510-1511 |
| Historical #2: Dx Date          | 2220          | 8      | 1512-1519 |
| Historical #2: Primary Site     | 2220          | 4      | 1520-1523 |
| Historical #2: Morphology       | 2220          | 4      | 1524-1527 |
| Historical #2: Behavior         | 2220          | 1      | 1528-1528 |
| Historical #2: Laterality       | 2220          | 1      | 1529-1529 |
| Historical #2: Dx State Geocode | 2220          | 3      | 1530-1532 |
| Historical #2: Dx County Code   | 2220          | 2      | 1533-1534 |
| Historical #3: Sequence Number  | 2220          | 2      | 1535-1536 |
| Historical #3: Dx Date          | 2220          | 8      | 1537-1544 |
| Historical #3: Primary Site     | 2220          | 4      | 1545-1548 |
| Historical #3: Morphology       | 2220          | 4      | 1549-1552 |
| Historical #3: Behavior         | 2220          | 1      | 1553-1553 |
| Historical #3: Laterality       | 2220          | 1      | 1554-1554 |
| Historical #3: Dx State Geocode | 2220          | 3      | 1555-1557 |
| Historical #3: Dx County Code   | 2220          | 2      | 1558-1559 |
| Historical #4: Sequence Number  | 2220          | 2      | 1560-1561 |
| Historical #4: Dx Date          | 2220          | 8      | 1562-1569 |
| Historical #4: Primary Site     | 2220          | 4      | 1570-1573 |
| Historical #4: Morphology       | 2220          | 4      | 1574-1577 |
| Historical #4: Behavior         | 2220          | 1      | 1578-1578 |
| Historical #4: Laterality       | 2220          | 1      | 1579-1579 |
| Historical #4: Dx State Geocode | 2220          | 3      | 1580-1582 |
| Historical #4: Dx County Code   | 2220          | 2      | 1583-1584 |
| Historical #5: Sequence Number  | 2220          | 2      | 1585-1586 |
| Historical #5: Dx Date          | 2220          | 8      | 1587-1594 |
| Historical #5: Primary Site     | 2220          | 4      | 1595-1598 |
| Historical #5: Morphology       | 2220          | 4      | 1599-1602 |
| Historical #5: Behavior         | 2220          | 1      | 1603-1603 |
| Historical #5: Laterality       | 2220          | 1      | 1604-1604 |
| Historical #5: Dx State Geocode | 2220          | 3      | 1605-1607 |
| Historical #5: Dx County Code   | 2220          | 2      | 1608-1609 |

Full NAACCR V11.1 Data Dictionary can be found at <http://fcds.med.miami.edu>

## Notes on Class of Case 3 Historical State Specific Usage

1. Historical information must be filled starting with the eight fields in HISTORY1. Every additional historical case would use the next sequential group of eight fields (i.e. HISTORY2 through HISTORY5). No gaps in the groups can exist.

### Examples

**One Historical Case** – MUST use Historical #1 group of eight fields.

**Two Historical Cases** – MUST use Historical #1 and Historical #2 groups of eight fields.

In the example of Two Historical cases, if Historical #1 and Historical #3 groups of eight fields are populated, than abstract will not be accepted due to a gap in Historical #2 group.

2. When a particular group is selected (Historical #1), all eight fields must be filled.

### Examples

Historical #1 group is selected, then it is expected that

**Historical #1: Sequence Number,**  
**Historical #1: Dx Date,**  
**Historical #1: Primary Site,**  
**Historical #1: Morphology,**  
**Historical #1: Behavior,**  
**Historical #1: Laterality,**  
**Historical #1: Dx State Geocode,**  
**Historical #1: Dx County Code**

will be populated according to current standards. This would apply to Historical #2 through Historical #5 as well if more than one Class of Case 3 Historical abstract is being reported. If any of these fields are left blank, then the abstract and possibly the entire batch will be rejected.

3. Once these historical groupings pass structure check edits, a full abstract will be generated from each of the groups that have information stored in the eight fields. The abstract will be generated using the data provided in the eight fields, the primary abstract and pre-established defaults defined by FCDS. Each of these (up to 5) derived abstracts will be subject to our full set of edit checks. If any failures exist, the abstract and batch will be rejected.

## **New State Specific Fields Definitions**

## Historical Hospital Sequence Number

| Alternate Name                 | Item # | Length | Source of Standard | Column #  |
|--------------------------------|--------|--------|--------------------|-----------|
| Historical #1: Sequence Number | 2220   | 2      | State Specific     | 1485-1486 |
| Historical #2: Sequence Number | 2220   | 2      | State Specific     | 1510-1511 |
| Historical #3: Sequence Number | 2220   | 2      | State Specific     | 1535-1536 |
| Historical #4: Sequence Number | 2220   | 2      | State Specific     | 1560-1561 |
| Historical #5: Sequence Number | 2220   | 2      | State Specific     | 1585-1586 |

### Description

For general information on Hospital Sequence Number please see the 2007 Data Acquisition Manual and reference **SEQUENCE NUMBER – HOSPITAL**.

### Examples

| Sequence | Cancer | Diag Date  | Status                | Report              |
|----------|--------|------------|-----------------------|---------------------|
| 01       | C341   | 03/22/1993 | NED/Insufficient Info | Historical Group #1 |
| 02       | C321   | 10/15/1999 | NED/Insufficient Info | Historical Group #2 |
| 03       | C505   | 03/14/2000 | NED/Insufficient Info | Historical Group #3 |
| 04       | C449   | 10/02/2002 | Active                | Full Abstract       |

**Note: Sequence 01, 02, 03 can be reported along with the Sequence 04 Full Abstract.**

| Sequence | Cancer | Diag Date  | Status                | Report              |
|----------|--------|------------|-----------------------|---------------------|
| 01       | C341   | 03/22/1993 | NED/Insufficient Info | Historical Group #1 |
| 02       | C321   | 10/15/1999 | Active                | Full Abstract       |
| 03       | C505   | 03/14/2000 | NED/Insufficient Info | Historical Group #2 |
| 04       | C449   | 10/02/2002 | NED/Insufficient Info | Historical Group #3 |

**Note: Sequence 01, 03 and 04 can be reported along with the Sequence 02 Full Abstract.**

| Sequence | Cancer | Diag Date  | Status                | Report              |
|----------|--------|------------|-----------------------|---------------------|
| 01       | C341   | 03/22/1993 | NED/Insufficient Info | Historical Group #1 |
| 02       | C321   | 10/15/1999 | Active                | Full Abstract       |
| 03       | C505   | 03/14/2000 | NED/Sufficient Info   | Full Abstract       |
| 04       | C449   | 10/02/2002 | NED/Insufficient Info | Historical Group #2 |

**Note: Sequence 02 and 03 REQUIRE a full abstract. Sequence 01 and 02 can be reported with either the Sequence 02 or 03 full abstract as long as they are reported in the same batch.**

### Edits

No Change to Edits. FCDS will continue to use the current Sequence Number edits.

## Historical Date of Initial Diagnosis

| Alternate Name         | Item # | Length | Source of Standard | Column #  |
|------------------------|--------|--------|--------------------|-----------|
| Historical #1: Dx Date | 2220   | 8      | State Specific     | 1487-1494 |
| Historical #2: Dx Date | 2220   | 8      | State Specific     | 1512-1519 |
| Historical #3: Dx Date | 2220   | 8      | State Specific     | 1537-1544 |
| Historical #4: Dx Date | 2220   | 8      | State Specific     | 1562-1569 |
| Historical #5: Dx Date | 2220   | 8      | State Specific     | 1587-1594 |

## Description

For general information on Date of Initial Diagnosis please see the 2007 Data Acquisition Manual and reference **DATE OF INITIAL DIAGNOSIS**.

## Examples

| Sequence | Cancer | Diag Date  | Status                | Report              |
|----------|--------|------------|-----------------------|---------------------|
| 01       | C341   | 03/22/1993 | NED/Insufficient Info | Historical Group #1 |
| 02       | C321   | 10/15/1999 | NED/Insufficient Info | Historical Group #2 |
| 03       | C505   | 03/14/2000 | NED/Insufficient Info | Historical Group #3 |
| 04       | C449   | 10/02/2002 | Active                | Full Abstract       |

**Note: Diagnosis Date Order matches Sequence Number Order – these would pass the Diagnosis Date/Sequence Number edit.**

| Sequence | Cancer | Diag Date  | Status                | Report              |
|----------|--------|------------|-----------------------|---------------------|
| 01       | C341   | 03/22/1993 | NED/Insufficient Info | Historical Group #1 |
| 02       | C321   | 10/15/2001 | Active                | Full Abstract       |
| 03       | C505   | 03/14/2000 | NED/Insufficient Info | Historical Group #2 |
| 04       | C449   | 10/02/2002 | NED/Insufficient Info | Historical Group #3 |

**Note: Diagnosis Date Order does NOT match Sequence Number Order – Sequence 02 would fail Diagnosis Date/Sequence Number edit.**

## Edits

No Change to Edits. FCDS will continue to use the current Date of Initial Diagnosis edits.

## Historical Primary Site

| Alternate Name              | Item # | Length | Source of Standard | Column #  |
|-----------------------------|--------|--------|--------------------|-----------|
| Historical #1: Primary Site | 2220   | 4      | State Specific     | 1495-1498 |
| Historical #2: Primary Site | 2220   | 4      | State Specific     | 1520-1523 |
| Historical #3: Primary Site | 2220   | 4      | State Specific     | 1545-1548 |
| Historical #4: Primary Site | 2220   | 4      | State Specific     | 1570-1573 |
| Historical #5: Primary Site | 2220   | 4      | State Specific     | 1595-1598 |

### Description

For general information on Primary Site please see the 2007 Data Acquisition Manual and reference **PRIMARY SITE**.

### Edits

No Change to Edits. FCDS will continue to use the current Primary Site edits.

## Historical Histology (ICDO2/ICDO3)

| Alternate Name            | Item # | Length | Source of Standard | Column #  |
|---------------------------|--------|--------|--------------------|-----------|
| Historical #1: Morphology | 2220   | 4      | State Specific     | 1499-1502 |
| Historical #2: Morphology | 2220   | 4      | State Specific     | 1524-1527 |
| Historical #3: Morphology | 2220   | 4      | State Specific     | 1549-1552 |
| Historical #4: Morphology | 2220   | 4      | State Specific     | 1574-1577 |
| Historical #5: Morphology | 2220   | 4      | State Specific     | 1599-1602 |

### Description

Historical Histology should be coded to either ICDO2 or ICDO3 dependent on the Historical Date of Initial Diagnosis.

Historical Date of Initial Diagnosis **less than 2001** should use the **ICDO2** Coding System.

Historical Date of Initial Diagnosis **2001 and greater** should use the **ICDO3** Coding System.

**Unknown** Historical Date of Initial Diagnosis should use the **Date of 1<sup>st</sup> Contact** to determine the coding system based on the same cutoffs discussed above.

For general information on Histology ICDO2/ICDO3 please see the 2007 Data Acquisition Manual and reference **HISTOLOGY (92-00) ICD-O-2** and **HISTOLOGIC TYPE ICD-O-3**.

### Edits

No Change to Edits. FCDS will continue to use the current Histology edits.

## Historical Behavior (ICDO2/ICDO3)

| Alternate Name          | Item # | Length | Source of Standard | Column #  |
|-------------------------|--------|--------|--------------------|-----------|
| Historical #1: Behavior | 2220   | 1      | State Specific     | 1503-1503 |
| Historical #2: Behavior | 2220   | 1      | State Specific     | 1528-1528 |
| Historical #3: Behavior | 2220   | 1      | State Specific     | 1553-1553 |
| Historical #4: Behavior | 2220   | 1      | State Specific     | 1578-1578 |
| Historical #5: Behavior | 2220   | 1      | State Specific     | 1603-1603 |

### Description

Historical Behavior should be coded to either ICDO2 or ICDO3 dependent on the Historical Date of Initial Diagnosis.

Historical Date of Initial Diagnosis **less than 2001** should use the **ICDO2** Coding System.

Historical Date of Initial Diagnosis **2001 and greater** should use the **ICDO3** Coding System.

**Unknown** Historical Date of Initial Diagnosis should use the **Date of 1<sup>st</sup> Contact** to determine the coding system based on the same cutoffs discussed above.

For general information on Behavior ICDO2/ICDO3 please see the 2007 Data Acquisition Manual and reference **BEHAVIOR (92-00) ICD-O-2** and **BEHAVIOR ICD-O-3**.

### Edits

No Change to Edits. FCDS will continue to use the current Behavior edits.

## Historical Laterality

| Alternate Name            | Item # | Length | Source of Standard | Column #  |
|---------------------------|--------|--------|--------------------|-----------|
| Historical #1: Laterality | 2220   | 1      | State Specific     | 1504-1504 |
| Historical #2: Laterality | 2220   | 1      | State Specific     | 1529-1529 |
| Historical #3: Laterality | 2220   | 1      | State Specific     | 1554-1554 |
| Historical #4: Laterality | 2220   | 1      | State Specific     | 1579-1589 |
| Historical #5: Laterality | 2220   | 1      | State Specific     | 1604-1604 |

### Description

For general information on Laterality please see the 2007 Data Acquisition Manual and reference **LATERALITY**.

### Edits

No Change to Edits. FCDS will continue to use the current Laterality edits.

## Historical State of Residence at Diagnosis

| Alternate Name                  | Item # | Length | Source of Standard | Column #  |
|---------------------------------|--------|--------|--------------------|-----------|
| Historical #1: Dx State Geocode | 2220   | 3      | State Specific     | 1505-1507 |
| Historical #2: Dx State Geocode | 2220   | 3      | State Specific     | 1530-1532 |
| Historical #3: Dx State Geocode | 2220   | 3      | State Specific     | 1555-1557 |
| Historical #4: Dx State Geocode | 2220   | 3      | State Specific     | 1580-1582 |
| Historical #5: Dx State Geocode | 2220   | 3      | State Specific     | 1605-1607 |

### Description

Historical State of Residence at Diagnosis is the three-digit SEER Geocode for State, U.S. possession or Foreign Country denoting the **patient's State of Residence at time of diagnosis** for the historical case being reported.

For general information on State of Residence at Diagnosis please see the 2007 Data Acquisition Manual and reference **FCDS – ADDR at Dx - STATE**.

### Edits

No Change to Edits. FCDS will continue to use the current State of Residence at Diagnosis edits.

## Historical County of Residence at Diagnosis

| Alternate Name                | Item # | Length | Source of Standard | Column #  |
|-------------------------------|--------|--------|--------------------|-----------|
| Historical #1: Dx County Code | 2220   | 2      | State Specific     | 1508-1509 |
| Historical #2: Dx County Code | 2220   | 2      | State Specific     | 1533-1534 |
| Historical #3: Dx County Code | 2220   | 2      | State Specific     | 1558-1559 |
| Historical #4: Dx County Code | 2220   | 2      | State Specific     | 1583-1584 |
| Historical #5: Dx County Code | 2220   | 2      | State Specific     | 1608-1609 |

### Description

Historical County of Residence at Diagnosis requires the use of the two-digit FCDS County Code (**NOT FIPS**) denoting the **patient's County of Residence at time of diagnosis** for the historical case being reported.

For general information on County of Residence at Diagnosis please see the 2007 Data Acquisition Manual and reference **FCDS – ADDR at Dx - COUNTY**.

### Edits

No Change to Edits. FCDS will continue to use the current County of Residence at Diagnosis edits.

## **New Edits Effective July 1<sup>st</sup>, 2007**

### **FCDS Edit 443 (Modified 6/26/2007)**

If Primary Site = C619 (Prostate) and Histologic Type ICD-O-3 8000-9139, 9141-9589 and Surgery of Primary Site 19-30, then CS Tumor Size/Extension Evaluation must = 1 or if Surgery of Primary Site = 18 then CS Tumor Size/Extension Evaluation can be only 0 or 1.

### **FCDS Edit 446**

If Primary Site = C670-C679 and if Histologic Type ICD-O-3 = 8120, then CS Extension cannot = 01 or 03 or if Histologic Type ICD-O-3 = 8130, then CS Extension cannot = 06.

### **FCDS Edit 447 (Updated 6/26/2007)**

If Primary Site NOT Breast (C500-C509) and Histologic Type ICD-O-3 8000-9139, 9141-9589 and CS Extension = 00, then CS Lymph Nodes and CS Mets at DX must both = 00.

### **FCDS Edit 448**

If Primary Site = C500-C509 and if CS Lymph Nodes = 05, then Regional Nodes Positive must = 00 and CS Site-Specific Factor 3 must = 000.

### **FCDS Edit 449**

If Histologic Type ICD-O-3 = 8077 then Behavior ICD-O-3 must = 2

### **FCDS Edit 450**

City Name must be spelled in conformance with the United States Postal Service (USPS) list of acceptability. This edit will validate the city spelling, the zip and county code that the city is located within. **This edit will initially be a warning and will become mandatory on January 1<sup>st</sup>, 2008.**

FCDS will make available a list of valid City Name, County Code and Zip Code combinations. We will make every effort to keep this list updated as the USPS releases updates. This will be available for download at our web site at <http://fcds.med.miami.edu>.

**FCDS Edit 451 (Added 6/26/2007)**

If Primary Site is Breast (C500-C509) and CS Extension = 00, then CS Lymph Nodes must = 00 or 05 and CS Mets at DX must = 00.

**FCDS Edit 452 (Added 6/26/2007)**

If Histologic Type ICDO3 is Retinoblastoma (9510-9513), then Primary Site must be C692 or C699.

**FCDS Edit 453 (Added 6/26/2007)**

If Histologic Type ICDO3 is Acinar Adenocarcoma (8550) and Primary Site is Prostate (C619) then Histology must be Adenocarcinoma (8140).

**FCDS Edit 454 (Added 7/6/2007)**

If Histologic Type ICDO3/ICDO2 is Wilms Tumor (8960), then Primary Site must be Kidney (C649).

**FCDS Edit 455 (Added 7/17/2007)**

If CS Tumor Size/Ext Eval, CS Reg Nodes Eval, or CS Mets Eval = 8, then Class of Case must = 5.

**FCDS Edit 456 (Added 7/17/2007)**

If CS Tumor Size/Ext Eval, CS Reg Nodes Eval, or CS Mets Eval = 8, then Type of Reporting Source must = 6

**FCDS Edit 457 (Added 7/17/2007)**

If CS Tumor Size/Ext Eval, CS Reg Nodes Eval, or CS Mets Eval = 8, then Type of Vital Status must = 0

**FCDS Edit 458 (Added 7/17/2007)**

If Primary Site = C180-C189 or C199 or C209 and if Morphology = 8210, 8261 or 8263 and Behavior Code = 2, then CS Extension must = 05.

## **Modified Edits Effective July 1<sup>st</sup>, 2007**

### **FCDS Edit 101 (Added 7/17/2007)**

If Primary Site = C589 or C700-C729 or C751-C753 then Regional Nodes Examined and Regional Nodes Positive must = 99.

### **FCDS Edit 366 (Added 7/17/2007)**

If Morphology 9731, 9734, 9740, 9750, 9755-9758 or 9930 then CS Extension must be 10 or 99.