

**FLORIDA CANCER DATA SYSTEM
DATA LINKAGE RECORD LAYOUT**

The Florida Cancer Data System (FCDS) can perform special data requests involving linkages between external and internal data sets (FCDS Master file, AHCA data and Florida's Death Index data).

For the steps involved in a linkage project refer to the document titled "Procedures for Data Release".

There is a lot of preparation work to be done before a linkage is performed. The fields used in the linkage must be consistent in both data sets. Therefore, your data must be in a **FIXED length ASCII file** with the following record layout and format:

Variable	Position	Length	Format
Patient ID	1-15	15	Numeric or Alphanumeric It should be a <u>unique</u> identifier Right Alignment, use leading zeros if less than 8 digits No empty spaces, or special characters like hyphens etc.
First Name	16-29	14	Alpha Left Alignment – All Uppercase Blanks, spaces, hyphens, special characters and punctuation marks are not allowed.
Last Name	30-54	25	Alpha – All Uppercase Left Alignment Blanks, spaces, hyphens, special characters and punctuation marks are not allowed.
SSN	55-63	9	Alphanumeric (only numeric characters allowed) Right Alignment, leading 0's if less than 9 digits No empty spaces, or special characters like dashes etc. Recode missing ssn's to 999999999
DOB	64-71	8	YYYYMMDD No empty spaces, or dashes or other special characters Recode missing month, day or year to 9's (ex: 1/3/97 should show as 19970103, Jan 1997 should show as 19970199)
Sex	72-72	1	Numeric <i>See attachment for Coding scheme</i>
Race	73-74	2	Alphanumeric (only Numeric characters allowed) No empty spaces, leading 0's if less than 2 digits <i>See attachment for Coding scheme</i>
Address Street	75-114	40	Alphanumeric Left Alignment - All alpha characters should be uppercase
City	115-134	20	Alpha Left Alignment - All uppercase

Variable	Position	Length	Format
State	135-137	3	Alphanumeric (only numeric characters allowed) Right Alignment No empty spaces allowed, use leading 0's if less than 3 digits See attachment for coding scheme
County	138-139	2	Alphanumeric (only numeric characters allowed) Right Alignment, use leading 0's if less than 2 digits No empty spaces allowed <i>See attachment for coding scheme</i>
Zip Code	140-144	5	Alphanumeric (only numeric characters allowed) Right Alignment, use leading zeros if less than 5 digits For United States residents, enter either the 5-digit Zip code. For United States residents, U.S. possessions or territories and the Zip code is unknown enter 99999. For residents of countries other than the United States, U.S. possessions or territories, or Canada enter 88888. For Canadian residents, use 99999.
Maiden Name	145-159	15	Alpha Left Alignment – All Uppercase Blanks, spaces, hyphens, special characters and punctuation marks are not allowed.
Middle Name	160-173	14	Alpha Left Alignment – All Uppercase Blanks, spaces, hyphens, special characters and punctuation marks are not allowed.

The order of the variables may be changed as long as sufficient documentation is submitted.

The variable lengths and formats mentioned above are consistent with FCDS field standards. Any deviations in field length or variable format (except for Patient ID which is determined by the Researcher) will require extra work and will be charged accordingly (Refer to Fees and Billing Procedure in Procedure for Data Release document). It is very important to make field length match in both data sets. If field lengths are not consistent in both data sets, then the field must be truncated in one of the data sets leading to less accurate and thus fewer matches. The same applies to the variable format; they must be identical in both data sets.

Most probably, the street address, city, state, maiden name, and middle name will not be used for matching. These fields, however, are useful in examining possible matches. Therefore, it is recommended that the researcher include them in the data set when they are available.

There are fees associated with data linkage. Please refer to the Data Release Procedures document for the fees.

Attached you will find the FCDS coding scheme for county, sex and race. For the state coding scheme refer to the “coding place of birth and residence” appendix B in the FCDS Data Acquisition Manual (DAM).

<http://fcds.med.miami.edu/downloads/dam2007/22%20Appendix%20B%20Geocodes.pdf>

Should you have any questions please call Brad Wohler at (305)243-5527, email: bwohler@med.miami.edu.

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COUNTY CODES

for

County of Residence
&
County of Initial Diagnosis

11	Alachua	46	Lee
12	Baker	47	Leon
13	Bay	48	Levy
14	Bradford	49	Liberty
15	Brevard	50	Madison
16	Broward	51	Manatee
17	Calhoun	52	Marion
18	Charlotte	53	Martin
19	Citrus	54	Monroe
20	Clay	55	Nassau
21	Collier	56	Okaloosa
22	Columbia	57	Okeechobee
23	Dade	58	Orange
24	Desoto	59	Osceola
25	Dixie	60	Palm Beach
26	Duval	61	Pasco
27	Escambia	62	Pinellas
28	Flagler	63	Polk
29	Franklin	64	Putnam
30	Gadsden	65	St. Johns
31	Gilchrist	66	St. Lucie
32	Glades	67	Santa Rosa
33	Gulf	68	Sarasota
34	Hamilton	69	Seminole
35	Hardee	70	Sumter
36	Hendry	71	Suwannee
37	Hernando	72	Taylor
38	Highlands	73	Union
39	Hillsborough	74	Volusia
40	Holmes	75	Wakulla
41	Indian River	76	Walton
42	Jackson	77	Washington
43	Jefferson	88	<u>OUT OF STATE/U.S.POSSESSION</u>
44	Lafayette	90	<u>OUT OF UNITED STATES</u>
45	Lake	99	<u>UNKNOWN</u> (Not acceptable for county of residence)

ITEM 21 - SEX

(Type=Numeric)

Code	Definition
1	Male
2	Female
3	Other (Hermaphrodite)
4	Transsexual
5	Unknown/not stated

ITEM 22 - RACE

(Type=Numeric)

Code	Definition	Code	Definition
01	White	20	Micronesian, NOS
02	Black	21	Chamorroan
03	American Indian, Aleutian, Alaskan Native or Eskimo (includes all indigenous populations of the Western hemisphere)	22	Guamanian, NOS
04	Chinese	25	Polynesian, NOS
05	Japanese	26	Tahitian
06	Filipino	27	Samoan
07	Hawaiian	28	Tongan
08	Korean	30	Melanesian, NOS
09	Asian Indian, Pakistani	31	Fiji Islanders
10	Vietnamese	32	New Guinean
11	Laotian	96	Other Asian, including Asian, NOS and Oriental, NOS
12	Hmong	97	Pacific Islander, NOS
13	Kampuchean	98	Other
14	Thai	99	Unknown

STATE

See the FCDS Data Acquisition Manual (Appendix B) for the coding scheme

<http://fcds.med.miami.edu/downloads/dam2007/22%20Appendix%20B%20Geocodes.pdf>