

FCDS Data Quality Indicator Report

The Florida Cancer Data System (FCDS) is charged with providing the highest quality data available in annual cancer surveillance reporting to the Florida Department of Health and the CDC National Program of Cancer Registries (NPCR). Data must meet rigorous standards to be included in local, regional, state, and national cancer rates, reports to Congress, and various cancer surveillance-related publications. This report is a scaled down model of a similar report the CDC National Program of Cancer Registries (NPCR) provides to Florida and each NPCR state as an assessment of our state-wide data.

The FCDS Data Quality Indicator Report reflects 5 year comparison data as in sample below showing 2006-2010 Diagnosis Year data and examines the frequency of assignment of "unknown" or "ill-defined" values to key analysis variables over the course of the five-year period with comparison to national.

The percent of "unknown" and "ill-defined" values in certain variables is a data quality indicator used to rank Florida's overall data quality and completeness of the data for each case reported and is used when comparing Florida data to other states for overall data reliability. These data are also indicators of problem areas where FCDS and local registries can improve upon cancer reporting as data are available. Goals have been established nationally by NPCR or by FCDS.

Florida Cancer Data System - Facility Data Quality Indicator Report (DQIR) for 2010

Analytic cases² (extracted 3/13/2013)

Goals	2010		2009		2008		2007		2006	
	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %
Demographics										
Total Analytic Cases		996		110,737		938		114,920		801
Sex Unknown (9)	0 %	0.000	0.022	0.000	0.030	0.250	0.046	0.000	0.046	0.000
Race not U.S., NOS (98)	< 1%	1.707	1.086	0.959	0.916	4.120	0.837	5.423	0.718	2.142
Race Unknown (99)	< 1%	0.301	0.839	1.493	1.236	0.125	1.129	0.661	1.244	0.824
Ethnicity Unknown (9)	< 1%	0.703	0.956	1.599	0.797	3.245	0.967	2.116	0.620	2.471
Birth Year Unknown	0 %	0.000	0.002	0.000	0.002	0.000	0.002	0.000	0.001	0.000
Birth Month Unknown	0 %	0.000	0.003	0.000	0.002	0.000	0.002	0.000	0.001	0.000
Birth Day Unknown	0 %	0.000	0.003	0.000	0.002	0.000	0.002	0.000	0.001	0.000
Birthplace US NOS/Unknown (998,999)		92.068	75.090	88.273	73.072	92.634	73.224	94.577	72.804	89.621
Primary Payor Unknown (99)	0 %	3.012	1.383	11.620	1.164	46.067	1.441	10.714	1.156	10.708
Marital Status Unknown (9)	< 2%	5.522	2.484	3.945	2.337	5.498	1.975	1.323	1.789	2.471
Missing/impossible SSN ²	< 1%	12.442	1.901	7.986	1.840	8.093	1.959	7.296	1.725	2.022
Ungeocodable (Certainty 9) ²	< 2%	0.115	0.131	0.000	0.129	0.000	0.120	0.000	0.141	0.000
PO Boxes (Certainty 5) ²	0%	1.382	2.168	2.265	2.544	1.372	2.368	1.431	2.465	2.022
Tumor Characteristics										
Diagnostic Confirmation										
Not Microscopically Confirmed (5-8)	< 2%	3.213	0.501	3.838	0.391	1.748	0.332	2.381	0.339	1.647
DX Method Unknown (9)	0%	0.000	0.097	0.213	0.046	0.125	0.032	0.132	0.035	0.165
Topography										
Other/Ill-Defined Sites (C76x)	< 1%	0.000	0.032	0.107	0.037	0.000	0.046	0.000	0.024	0.000
Unknown Primary Site (C809)	< 1%	1.104	1.964	1.173	1.994	0.375	1.902	0.794	1.991	0.988
Morphology Non-specific (8000-8005)	< 2%	1.305	1.996	1.386	2.134	0.250	2.011	0.794	2.191	1.153
Grade Unknown (excludes C80.9)	< 2%	29.618	34.672	32.836	34.366	27.840	34.564	24.339	34.337	26.359
Derived/Summary Stage-2000 Unknown (9)	< 2%	2.108	6.227	2.345	6.833	2.247	7.134	2.778	7.572	3.460

* 999999999, 123456789, 111111111, 222222222, 333333333, 444444444, 555555555, 666666666, 777777777, 888888888, 000000000, 773000000, 987654321

² Analytic according to FCDS (class of case: 0 - 22 or 34 - 42)

² Percentages based on analytic cases of Florida residents at time of DX only.