

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 2012

Analytic cases¹ (extracted 3/3/2014)

Data Quality Indicator/Admission Year	Goals	2012		2011		2010		2009		2008	
		Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %
Demographics											
Total Analytic Cases		1,028	107,567	956	111,182	1,009	111,552	1,055	114,918	998	113,878
Sex Unknown (9)	< 2%	0.000	0.033	0.000	0.037	0.099	0.021	0.095	0.029	0.000	0.047
Race not U.S., NOS (98)	< 3%	1.167	1.186	0.732	1.064	1.189	1.084	2.180	0.917	1.303	0.839
Race Unknown (99)	< 3%	0.389	0.692	0.418	0.724	1.189	0.844	0.284	1.235	0.301	1.128
Ethnicity Unknown (9)	< 1%	0.973	0.654	0.314	0.971	1.090	0.967	0.284	0.800	0.301	0.969
Birth Year Unknown	< 2%	0.000	0.001	0.000	0.004	0.000	0.002	0.000	0.002	0.000	0.002
Birth Month Unknown	< 2%	0.000	0.002	0.000	0.004	0.000	0.003	0.000	0.002	0.000	0.002
Birth Day Unknown	< 2%	0.000	0.003	0.000	0.004	0.000	0.003	0.000	0.002	0.000	0.002
Birthplace US NOS/Unknown (998,999)		93.385	75.347	94.561	75.995	87.909	75.152	89.289	73.028	87.174	73.155
Primary Payor Unknown (99)	< 3%	0.486	0.971	0.732	1.083	1.586	1.401	0.948	1.167	0.401	1.447
Marital Status Unknown (9)		0.875	2.112	1.046	2.095	1.288	2.503	1.232	2.338	1.904	1.963
Missing/Impossible SSN ²	< 3%	1.692	2.343	1.268	1.944	1.911	1.787	1.349	1.754	1.724	1.870
Ungeocodables (Certainty 9) ²	< 2%	0.100	0.162	0.211	0.430	0.302	0.126	0.193	0.123	0.101	0.115
PO Boxes (Certainty 5) ²	0%	0.100	0.208	0.317	1.652	0.000	2.076	0.289	2.432	0.203	2.247
Tumor Characteristics											
Diagnostic Confirmation											
Not Microscopically Confirmed (5-8)	< 2%	5.058	0.401	3.766	0.462	3.271	0.502	2.749	0.392	4.910	0.330
DX Method Unknown (9)	< 2%	0.292	0.172	0.000	0.179	0.198	0.100	0.000	0.046	0.000	0.032
Topography											
Other/Ill-Defined Sites (C76x)	< 1%	0.000	0.016	0.000	0.020	0.000	0.030	0.095	0.036	0.100	0.045
Unknown Primary Site (C809)	< 5%	3.113	1.847	4.812	1.962	3.072	1.954	2.370	1.989	3.106	1.898
Morphology Non-specific (8000-8005)	< 5%	4.669	2.010	5.021	1.941	3.469	1.992	1.422	2.121	2.305	1.989
Grade Unknown (excludes C80.9)		43.482	36.274	39.017	33.958	43.211	34.729	45.498	34.351	44.389	34.497
Derived/Summary Stage-2000 Unknown (9)	< 5%	10.895	5.763	11.925	6.144	9.911	6.212	6.256	6.778	5.711	7.029

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

¹ 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.