

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 2012-2016 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 2018

Analytic cases¹ (extracted 5/8/2018)

	Goals	2016		2015		2014		2013		2012	
		Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %	Facility %	Florida Facilities %
Total Analytic Cases		872	117,740	800	119,829	871	116,471	874	115,055	765	113,261
Demographics											
Sex											
Sex Unknown (9)	< 2%	0.000	0.006	0.000	0.014	0.000	0.025	0.000	0.036	0.000	0.026
Race											
Race Other, NOS (98)	< 3%	0.229	1.491	1.875	1.367	1.148	1.226	0.458	1.254	0.523	1.153
Race Unknown (99)	< 3%	0.115	0.966	0.000	1.630	1.607	1.663	1.373	0.944	0.915	0.715
Ethnicity											
Ethnicity Unknown (9)	< 3%	3.096	0.813	8.375	0.799	4.363	0.864	1.945	0.665	0.000	0.660
Date of Birth											
Birth Year Unknown	< 2%	0.000	0.001	0.000	0.000	0.000	0.011	0.000	0.001	0.000	0.000
Birth Month Unknown	< 2%	0.000	0.001	0.000	0.001	0.000	0.011	0.000	0.003	0.000	0.001
Birth Day Unknown	< 2%	0.000	0.002	0.000	0.001	0.000	0.011	0.000	0.003	0.000	0.002
Primary Payor at DX											
Primary Payor Unknown (99)	< 3%	1.950	1.537	5.500	1.318	4.937	1.236	2.746	1.077	1.961	1.020
Marital Status at DX											
Marital Status Unknown (9)	< 3%	0.344	2.560	3.125	2.601	2.641	2.549	0.915	1.990	0.523	2.149
Social Security Number											
Missing/Impossible SSN ^{2,3}	< 3%	11.071	6.332	13.631	5.151	7.592	3.636	6.096	3.124	2.949	2.327
Address at DX											
Ungeocodables (Certainty 9) ³	< 2%	0.119	0.060	0.000	0.009	0.000	0.004	0.000	0.031	0.134	0.952
PO Boxes (Certainty 5) ³	< 2%	0.119	1.937	0.764	2.054	0.237	1.948	0.586	2.109	0.134	1.199
Tumor Characteristics											
Diagnostic Confirmation											
Not Microscopically Confirmed (5-8)	< 5%	6.537	0.338	8.625	0.293	9.185	0.325	6.979	0.357	5.621	0.428
DX Method Unknown (9)	< 5%	0.459	0.296	1.750	0.263	2.870	0.322	0.114	0.223	0.261	0.181
Topography											
Other/Ill-Defined Sites (C76x)	< 1%	0.000	0.018	0.000	0.019	0.000	0.014	0.000	0.010	0.000	0.017
Unknown Primary Site (C809)	< 5%	2.179	1.592	3.000	1.633	2.755	1.778	2.517	1.870	1.438	1.845
Histology/Grade											
Morphology Non-specific (8000-8005)	< 5%	2.064	1.053	2.750	1.972	3.789	2.001	3.318	2.008	2.614	2.103
*Grade Unknown (excludes C80.9)	< 35%	40.138	34.191	38.500	34.686	31.228	35.596	38.673	36.999	42.745	36.788
Stage											
Summary Stage-2000 Unknown (9) ⁴	< 5%	8.601	6.553	8.375	4.996	5.626	5.229	7.208	5.374	6.928	5.763

¹ Analytic according to FCDS (class of case: 0 - 22 or 34 - 42)

² 999999999, 123456789, 111111111, 222222222, 333333333, 444444444, 555555555, 666666666, 777777777, 888888888, 000000000, 773000000, 987654321

³ Percentages based on analytic cases of Florida residents at time of DX only.

⁴ Derived DX year <= 2015, direct coded >= DX year 2016