

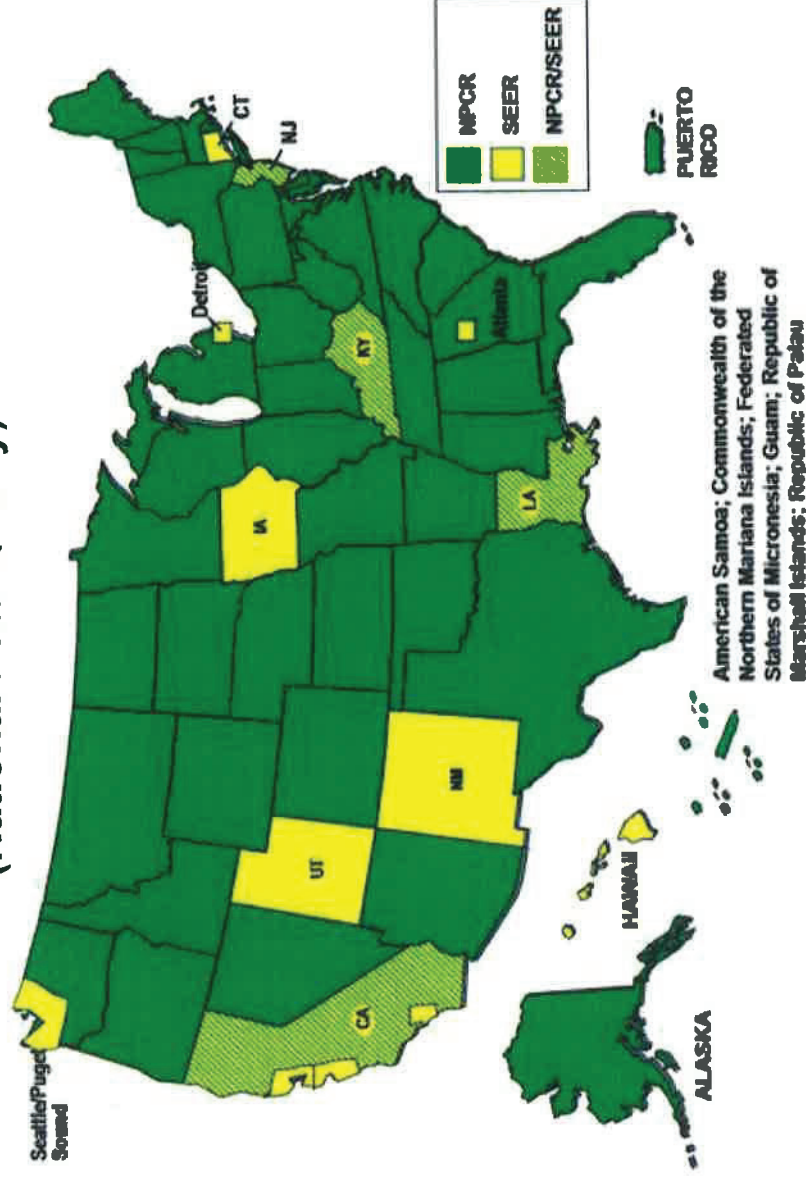


# 2012 Data Evaluation Reports

## National Program of Cancer Registries

### Cancer Surveillance System

#### (National Data Quality)



Florida

Department of Health and Human Services  
Centers for Disease Control and Prevention  
Safer • Healthier • People

# Data Evaluation Reports - Florida

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## NPCR-CSS Data Evaluation Report 2012 (DER 2012)

### Introduction

The National Program of Cancer Registries (NPCR) provides funds to state and territorial health departments to improve or enhance existing cancer registries; plan for and implement registries where they did not exist; develop model legislation and regulations for states and territories to enhance the viability of registry operations; set standards for data completeness, timeliness, and quality; provide training for registry personnel; and help establish a computerized reporting and data-processing system.

NPCR's goals are to rapidly establish and standardize the reporting of cancer within and among the states in order to build state and national capacity to do the following: monitor the cancer burden; identify cancer incidence variation for racial and ethnic populations and for regions within a state, between states, and between regions; provide data for research; provide guidance for health resource allocation; respond to public concern and inquiries about cancer; improve planning for future health care needs; and evaluate cancer prevention and control activities.

In 2000, CDC established the NPCR-Cancer Surveillance System (NPCR-CSS) to receive, evaluate, and disseminate data from registries participating in NPCR. The NPCR-CSS is designed to provide cancer incidence data to meet CDC's public health surveillance responsibilities and to help monitor progress toward NPCR goals. Beginning January 2001, registries annually report their incidence data to CDC from their NPCR reference year forward. The "NPCR reference year" is the first diagnosis year for which a state or territorial cancer registry collected data with the assistance of NPCR funds.

Following each data submission, registries receive a NPCR- CSS Data Evaluation Report detailing the completeness, accuracy and timeliness of their data submission, as demonstrated by meeting the following 5 data quality criteria for each diagnosis year for all cancer sites combined:

- **Percent Completeness Adjusted for Duplicates:** The percentage of observed to expected, unduplicated cases where the expected cases are estimated by using methods developed by the North American Association of Central Cancer Registries (NAACCR) (<http://www.naacr.org/>). DER 2012 case completeness evaluation is based on NAACCR method version 2.2.
- **Unresolved Duplicate Rate:** Because some cancer patients receive diagnostic or treatment services at more than one reporting facility, cancer registries perform a procedure to identify and resolve duplicate case reporting to ensure that each cancer case is counted only once. Prior to the submission of data to NPCR-CSS, each registry performs a protocol developed by NAACCR for assessing duplicate cases. This information is reported to CDC at the time of the data submission.
- **Percent Death Certificate Only Cases:** Another measure of the completeness of case ascertainment is the proportion of cases ascertained solely on the basis of a death certificate, with no other information on the case available after the registry has completed a routine procedure known as "death clearance and follow back".

## NPCR-CSS Data Evaluation Report 2012 (DER 2012)

- **Percent Missing Critical Data Elements (Age, Sex, Race and County):** The proportion of cases missing information deemed critical for the reporting of population-based cancer incidence data.
- **Percent Passing Edits:** Edits test the validity and logic of data components. Edits are applied to single field variables, inter-field variables and to multiple records (each record denotes a case of cancer in a patient) in those instances when a patient has multiple cancer diagnoses. Inter-record (IR) edits are run on the entire data submission from the reference year through the most current 22-month data. There are two types of edits: core edits that are applied to variables deemed necessary for reporting incidence data; and advanced edits that are applied to variables used for advanced surveillance activities such as survival analyses. At this time, it should be noted that there are no standards for advanced edits.

**How the Data Evaluation Reports are used:** The Data Evaluation Reports are used to identify cancer registries whose incidence data meet data standards established by NPCR. The National Data Quality standard is applied to data of the diagnosis years being evaluated. For example, in this report, the National Data Quality standards will be applied to diagnosis years 2009 and earlier. The USCS publication criteria is a subset of the National Data Quality standard. These criteria are used to identify data for inclusion in the United States Cancer Statistics report (<http://apps.nccd.cdc.gov/uscs/>) published jointly with the National Cancer Institute's Surveillance Epidemiology and End Results (SEER) Program and in collaboration with NAACCR. In establishing this standard and criteria, CDC recognizes that it may take up to two years before a registry's incidence data are complete (i.e., all the information on a cancer patient has been reported to and processed by the cancer registry).

When reviewing the Report on Quality, Completeness and Timeliness of Data table, the criteria for the National Data Quality and the USCS publication criteria are highlighted by a color. When all relevant data quality criteria are met, the row corresponding to the diagnosis year will be highlighted. CDC expects that all registries should achieve these NPCR program standards and in so doing be included in the USCS report.





# 2012 - Standard Status Report (SSR1) National Program of Cancer Registries Cancer Surveillance System (National Data Quality)

**Florida**



**Department of Health and Human Services**  
Centers for Disease Control and Prevention  
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# National Program of Cancer Registries - Cancer Surveillance System

## SSR1 - Standard Status Report - 2012

Florida

### Report on Quality, Completeness and Timeliness of Data\*

NPCR Standards Grouping	Diagnosis Year**	Percent Completeness Adjusted for Duplicates*	Unresolved Duplicate Rates (per 1,000)	Percent Death Certificate Only	Percent Missing or Unknown Core Data Elements				Percent Passing Core Single and Inter-field Edits	1995-2009 Percent Passing Core Inter-record Edits***
					Age	Sex	Race	County		
National Data Quality	2009	101.49	0.00	2.07	0.00	0.03	0.97	0.00	100.00	100.00
	2008	105.69	0.00	2.69	0.00	0.07	0.82	0.00	100.00	
	2007	103.82	0.00	2.39	0.00	0.06	1.01	0.00	100.00	
	2006	103.20	0.00	2.51	0.00	0.05	0.99	0.00	100.00	
	2005	104.89	0.00	2.54	0.00	0.05	0.78	0.00	100.00	
STANDARD										
National Data Quality Standard		95.00	<=1	<=3	<=2	<=2	<=3	<=2	99.00	99.00
USCS Publication Standard		90.00	N/A	<=5	<=3	<=3	<=5	N/A	97.00	97.00
Measurement Error****		-1.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	N/A	N/A

NDC: Death Clearance Not Done

N/A: Not Applicable

\* See the Introduction section of this report for a description of the data quality criteria and evaluation methods.

\*\* Only 24-month data from the most five diagnosis years are presented here. Highlighted rows denote the diagnosis years for which data met program and/or publication standards. Colors correspond to the data standard met. Diagnosis years that did not meet program and/or publication standards are not highlighted.

\*\*\* Calculated as ( 1 - # of patients with a core inter-record edit error# of patients with more than one record) x 100.

\*\*\*\* The measurement error is the error allowances for determining if data elements have met the standard.

# National Program of Cancer Registries - Cancer Surveillance System

## SSR1 - Standard Status Report - 2012

### CSS Submission Median with Range

#### Report on Quality, Completeness and Timeliness of Data -- 2012 CSS Submission Median with Range

NPCR Standards Grouping	Diagnosis Year*	Statistic	Present Completeness Adjusted for Duplicates	Unresolved Duplicate Rate (per 1,000)	Percent Death Certificate Only Cases	Percent Missing or Unknown Core Data Elements				Percent Passing Core Single and Inter-field Edits	Percent Passing Core Inter-record Edits**
						Age	Sex	Race	County		
National Data Quality	2009	Median Range	101.82 86.22 - 113.72	0.21 0.00 - 0.87	1.90 0.04 - 5.44	0.00 0.00 - 0.05	0.01 0.00 - 0.14	1.38 0.01 - 3.83	0.23 0.00 - 4.06	100.00 99.91 - 100.00	99.99 99.76 - 100.00
	2008	Median Range	103.79 92.13 - 117.43	0.24 0.00 - 1.80	1.86 0.46 - 4.07	0.00 0.00 - 0.04	0.01 0.00 - 0.09	1.26 0.00 - 3.78	0.11 0.00 - 1.76	100.00 99.90 - 100.00	
	2007	Median Range	103.10 92.05 - 114.11	0.24 0.00 - 1.80	1.81 0.53 - 4.73	0.00 0.00 - 0.02	0.01 0.00 - 0.14	1.32 0.00 - 3.83	0.11 0.00 - 1.09	100.00 99.91 - 100.00	
	2006	Median Range	102.63 92.42 - 117.20	0.24 0.00 - 1.80	1.86 0.36 - 3.14	0.00 0.00 - 0.04	0.01 0.00 - 0.20	1.04 0.00 - 2.28	0.11 0.00 - 0.62	100.00 99.94 - 100.00	
	2005	Median Range	102.54 92.12 - 114.51	0.24 0.00 - 1.80	1.73 0.37 - 3.05	0.00 0.00 - 0.04	0.00 0.00 - 0.10	0.96 0.00 - 2.26	0.08 0.00 - 0.69	100.00 99.94 - 100.00	
STANDARD											
National Data Quality Standard			95.00	<=1	<=3	<=2	<=2	<=3	<=2	99.00	99.00
USCS Publication Standard			90.00	N/A	<=5	<=3	<=3	<=5	N/A	97.00	97.00
Measurement Error***			-0.1	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	N/A	N/A

N/A: Not Applicable.

\* Only 24-month data from the most recent five diagnosis year are presented here.

\*\* Calculated as (1 - # of patients with a core inter-record edit error/# of patients with more than one record) x 100.

\*\*\* The measurement error is the error allowance for determining if data elements have met the standard.

**National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012**

**Estimated Completeness of Case Ascertainment for Blacks**

Florida - 2009

Black Males	Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms		Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)		Inc/Mort Ratio		2004-2008 Mortality		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj. Term	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2009 Incidence	2007 - 2008 Mortality	2007 - 2008 Inc/Mort	Ratio	2004-2008 Mortality	Inc/Mort Ratio						
Oral Cavity and Pharynx	14.17	4.44	3.19		5.66	2.45	10.89	130.14	4.45	1.27	11.48	123.47
Esophagus	5.61	4.97	1.13		8.18	0.87	4.35	129.00	6.39	1.28	4.59	122.16
Stomach	16.18	8.93	1.81		10.29	1.53	13.65	118.58	9.29	1.11	13.94	116.08
Colon and Rectum	54.54	24.64	2.21		29.84	2.12	52.23	104.43	25.41	1.17	54.05	100.90
Liver	12.91	8.32	1.55		10.54	1.57	13.05	99.00	8.58	1.23	13.64	94.68
Pancreas	15.19	11.26	1.35		15.49	1.13	12.69	119.71	12.35	1.25	13.33	113.92
Lung and Bronchus	70.67	65.08	1.09		82.58	1.10	71.33	99.07	67.67	1.22	74.47	94.89
Melanoma of the Skin												
Prostate												
Urinary Bladder	17.40	5.61	3.10		5.60	3.81	21.35	81.48	5.87	0.96	21.16	82.22
Kidney and Renal Pelvis	19.36	5.26	3.68		6.01	3.83	20.16	96.01	4.55	1.32	21.46	90.18
Brain and Other Nervous System	4.44	2.91	1.52		3.07	1.48	4.30	103.12	2.95	1.04	4.34	102.29
Hodgkin's Disease	3.02	0.47	6.39		0.49	6.43	3.04	99.46	0.64	0.78	2.90	104.11
Non-Hodgkin's Lymphomas	17.10	5.95	2.87		6.06	3.09	18.42	92.87	5.91	1.03	18.51	92.39
Multiple Myeloma	14.08	7.26	1.94		8.04	1.74	12.66	111.20	7.78	1.03	12.74	110.48
Leukemias	10.70	8.10	1.32		8.47	1.58	12.78	83.72	7.95	1.07	12.95	82.64
<b>Sum of Rates for Black Males</b>	<b>275.37</b>						<b>270.88</b>	<b>101.65</b>			<b>279.57</b>	<b>98.50</b>
Black Females	Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms		Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)		Inc/Mort Ratio		2004-2008 Mortality		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj. Term	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2009 Incidence	2007 - 2008 Mortality	2007 - 2008 Inc/Mort	Ratio	2004-2008 Mortality	Inc/Mort Ratio						
Oral Cavity and Pharynx	4.53	1.15	3.95		1.44	3.67	4.22	107.44	1.32	1.09	4.29	105.59
Esophagus	1.58	1.56	1.01		2.21	1.08	1.69	93.47	1.82	1.22	1.76	89.59
Stomach	6.70	4.39	1.53		4.79	1.62	7.10	94.41	4.67	1.02	7.14	93.95
Colon and Rectum	39.27	16.95	2.32		19.80	2.45	41.54	94.54	18.13	1.09	42.31	92.83
Liver	3.75	3.19	1.18		2.97	1.41	4.48	83.70	2.76	1.08	4.55	82.40
Pancreas	11.96	10.42	1.15		12.56	1.20	12.51	95.60	9.81	1.28	13.21	90.54
Lung and Bronchus	37.15	25.18	1.48		38.03	1.41	35.39	104.98	26.30	1.45	38.55	96.38
Melanoma of the Skin												
Breast												
Cervix	13.18	4.61	2.86		4.29	1.97	9.09	144.99	4.54	0.94	8.99	146.64
Corpus and Uterus, NOS	26.40	7.48	3.53		7.33	2.99	22.32	118.27	7.22	1.02	22.39	117.92
Ovary	7.59	5.04	1.50		6.83	1.42	7.15	106.06	5.69	1.20	7.44	101.99
Urinary Bladder	5.00	2.20	2.27		2.63	2.79	6.14	81.39	2.57	1.02	6.17	81.02
Kidney and Renal Pelvis	9.33	2.22	4.21		2.63	4.29	9.52	98.04	2.04	1.29	10.07	92.64
Brain and Other Nervous System	3.89	1.83	2.12		2.05	1.72	3.15	123.45	1.95	1.05	3.18	122.19
Hodgkin's Disease	1.92	0.33	5.78		0.30	8.19	2.72	70.59	0.24	1.24	2.84	67.38
Non-Hodgkin's Lymphomas	12.86	4.14	3.11		3.64	3.26	13.49	95.38	4.02	0.91	13.23	97.20
Multiple Myeloma	8.57	5.19	1.65		5.38	1.82	9.44	90.77	4.59	1.17	9.77	87.76
Leukemias	7.34	5.04	1.46		4.81	1.61	8.11	90.48	5.04	0.95	8.04	91.34
<b>Sum of Rates for Black Females</b>	<b>201.03</b>						<b>198.07</b>	<b>101.50</b>			<b>203.93</b>	<b>98.58</b>
<b>Sum of Rates for Blacks</b>	<b>237.02</b>						<b>233.32</b>	<b>101.59</b>			<b>240.55</b>	<b>98.54</b>



**National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012**

**Estimated Completeness of Case Ascertainment for Whites**

Florida - 2009

White Males		Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
		Age-Adjusted Rates (2000 US)		Inc/Mort		Age-Adjusted Rates (2000 US)		Inc/Mort		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2009 Incidence	2007 - 2008 Mortality	Ratio	2004-2008 Mortality	Ratio	2004-2008 Mortality	Inc/Mort	Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	20.39	4.31	4.74	3.62	4.18	3.62	4.18	4.18	17.99	113.34	4.32	0.84	4.17	17.40	117.15
Esophagus	7.74	7.48	1.04	7.89	1.00	7.89	1.00	1.00	7.46	103.74	7.40	1.07	7.58	7.56	102.38
Stomach	7.44	3.42	2.18	4.35	2.07	4.35	2.07	2.07	7.08	105.21	3.76	1.16	3.53	7.30	102.00
Colon and Rectum	43.63	17.45	2.50	19.53	2.51	19.53	2.51	2.51	43.76	99.71	17.86	1.09	17.78	44.58	97.87
Liver	9.01	6.93	1.30	5.98	1.55	5.98	1.55	1.55	10.76	83.68	6.58	0.91	6.81	10.57	85.24
Pancreas	13.91	12.35	1.13	12.42	1.10	12.42	1.10	1.10	13.59	102.39	12.07	1.03	12.42	13.66	101.82
Lung and Bronchus	78.57	61.40	1.28	65.31	0.99	65.31	0.99	0.99	60.84	129.15	63.79	1.02	61.69	61.13	128.54
Melanoma of Skin	25.99	4.96	5.24	4.62	6.85	4.62	6.85	6.85	33.96	76.51	4.97	0.93	4.89	33.49	77.60
Prostate															
Urinary Bladder	35.34	7.63	4.63	8.04	4.95	8.04	4.95	4.95	37.82	93.45	7.58	1.06	7.73	38.28	92.33
Kidney and Renal Pelvis	19.21	5.00	3.84	5.92	3.24	5.92	3.24	3.24	16.19	118.71	5.17	1.14	5.15	16.65	115.38
Brain and Other Nervous System	7.97	5.15	1.55	5.63	1.49	5.63	1.49	1.49	7.66	104.09	5.09	1.10	5.26	7.82	101.96
Hodgkin's Disease	2.57	0.48	5.41	0.51	6.10	0.51	6.10	6.10	2.90	88.61	0.48	1.08	0.48	2.94	87.28
Non-Hodgkin's Lymphomas	21.29	7.62	2.79	8.71	2.80	8.71	2.80	2.80	21.34	99.77	7.90	1.10	7.77	21.78	97.78
Multiple Myeloma	5.36	3.16	1.70	4.12	1.63	4.12	1.63	1.63	5.15	104.10	3.34	1.23	3.31	5.38	99.50
Leukemias	13.20	9.10	1.45	9.91	1.72	9.91	1.72	1.72	15.69	84.16	9.10	1.09	9.27	15.97	82.69
Sum of Rates for White Males	311.63								302.18	103.13				304.51	102.34
		Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
White Females		Age-Adjusted Rates (2000 US)		Inc/Mort		Age-Adjusted Rates (2000 US)		Inc/Mort		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2009 Incidence	2007 - 2008 Mortality	Ratio	2004-2008 Mortality	Ratio	2004-2008 Mortality	Inc/Mort	Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	6.26	1.47	4.27	1.37	4.30	1.37	4.30	4.30	6.31	99.26	1.47	0.93	1.45	6.22	100.61
Esophagus	1.57	1.43	1.10	1.56	1.18	1.56	1.18	1.18	1.69	93.27	1.44	1.08	1.45	1.71	91.78
Stomach	3.52	1.89	1.87	2.21	1.98	2.21	1.98	1.98	3.74	94.14	2.05	1.08	1.92	3.80	92.64
Colon and Rectum	33.78	11.97	2.82	13.59	2.73	13.59	2.73	2.73	32.73	103.22	12.51	1.09	12.18	33.29	101.47
Liver	2.64	1.99	1.32	1.97	1.39	1.97	1.39	1.39	2.76	95.51	1.94	1.02	2.00	2.77	95.19
Pancreas	9.45	8.65	1.09	9.27	1.13	9.27	1.13	1.13	9.79	96.55	8.60	1.08	8.78	9.94	95.05
Lung and Bronchus	59.30	40.67	1.46	40.79	1.22	40.79	1.22	1.22	49.46	119.89	41.10	0.99	40.61	49.39	120.07
Melanoma of Skin	15.53	1.94	8.01	1.98	10.25	1.98	10.25	10.25	19.88	78.14	1.92	1.03	1.95	20.00	77.67
Breast															
Cervix	8.96	2.42	3.71	2.17	3.41	2.17	3.41	3.41	8.23	108.92	2.48	0.88	2.36	8.03	111.67
Corpus and Uterus,NOS	22.27	3.68	6.06	3.89	6.57	3.89	6.57	6.57	24.15	92.20	3.43	1.14	3.77	24.81	89.78
Ovary	12.01	7.62	1.58	8.56	1.52	8.56	1.52	1.52	11.57	103.85	7.85	1.09	7.76	11.78	102.00
Urinary Bladder	8.71	2.13	4.09	2.20	4.30	2.20	4.30	4.30	9.17	95.06	2.14	1.03	2.14	9.22	94.54
Kidney and Renal Pelvis	9.70	2.20	4.41	2.66	3.66	2.66	3.66	3.66	8.06	120.42	2.22	1.20	2.29	8.37	115.86
Brain and Other Nervous System	6.23	3.33	1.87	3.78	1.56	3.78	1.56	1.56	5.20	119.72	3.41	1.11	3.40	5.31	117.16
Hodgkin's Disease	2.10	0.39	5.40	0.35	7.64	0.35	7.64	7.64	2.97	70.68	0.33	1.04	0.39	2.99	70.14
Non-Hodgkin's Lymphomas	14.66	4.73	3.10	5.41	3.05	5.41	3.05	3.05	14.43	101.62	4.95	1.09	4.82	14.70	99.74
Multiple Myeloma	3.54	2.08	1.71	2.50	1.58	2.50	1.58	1.58	3.27	108.37	2.16	1.16	2.14	3.38	104.98
Leukemias	8.78	4.79	1.83	5.47	1.88	5.47	1.88	1.88	8.98	97.69	4.99	1.09	4.88	9.15	95.88
Sum of Rates for White Females	229.03								222.38	102.99				224.87	101.85
Sum of Rates for Whites	269.86								261.83	103.07				264.24	102.09



**National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012**

Florida - 2009

**Estimated Completeness Summary**

Intrim Completeness Estimates Adjusted for Reference Mortality					
Whites		Blacks		Race Proportional	
Percent Complete	Population	Percent Complete	Population	Percent Complete	Population
102.09	14,876,873	98.54	3,052,489	101.49	17,929,362

<b>Final Completeness Estimates Adjusted for Reference Mortality and Duplicate Records</b>			
<b>Total Incident Cases</b>	102873	<b>Adjusted Total Incident Cases</b>	102873
<b>Race Proportional Completeness, Adjusted for Reference Mortality</b>	101.49	<b>Expected Incident Cases</b>	101366
<b>%Unresolved Duplicates*</b>	0.00	<b>Final Completeness Estimates, Adjusted for Reference Mortality and Duplicate Records</b>	101.49

\* 0.00 indicates all duplicates are resolved.

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**Estimated Completeness of Case Ascertainment for Blacks**

Florida - 2008

Black Males		Florida - 2000														
		Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality		
Cancer Site	Age-Adjusted Rates (2000 US)	2007 - 2008 Mortality	Inc/Mort Ratio	Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete			
Oral Cavity and Pharynx	14.85	4.63	3.20	5.66	2.45	2.45	11.38	130.51	4.45	1.27	4.89	11.99	123.82			
Esophagus	5.27	6.29	0.84	8.18	0.87	0.87	5.51	95.68	6.39	1.28	6.65	5.81	90.61			
Stomach	13.48	8.73	1.54	10.29	1.53	1.53	13.34	101.04	9.29	1.11	8.92	13.63	98.91			
Colon and Rectum	59.94	26.07	2.30	29.84	2.12	2.12	55.25	108.50	25.41	1.17	26.98	57.18	104.83			
Liver	11.67	8.62	1.35	10.54	1.57	1.57	13.52	86.33	8.58	1.23	9.01	14.14	82.56			
Pancreas	13.63	12.59	1.08	15.49	1.13	1.13	14.18	96.14	12.35	1.25	13.23	14.90	91.49			
Lung and Bronchus	84.38	67.84	1.25	82.58	1.10	1.10	74.13	113.83	67.67	1.22	70.62	77.39	109.02			
Melanoma of the Skin																
Prostate																
Urinary Bladder	17.64	5.34	3.30	5.60	3.81	3.81	20.36	86.64	5.87	0.96	5.30	20.17	87.42			
Kidney and Renal Pelvis	19.20	4.88	3.94	6.01	3.83	3.83	18.68	102.78	4.55	1.32	5.19	19.89	96.54			
Brain and Other Nervous System	5.55	2.79	1.99	3.07	1.48	1.48	4.12	134.72	2.95	1.04	2.81	4.16	133.64			
Hodgkin's Disease	2.64	0.58	4.53	0.49	6.43	6.43	3.75	70.45	0.64	0.78	0.56	3.58	73.75			
Non-Hodgkin's Lymphomas	19.35	5.46	3.54	6.06	3.09	3.09	16.89	114.53	5.91	1.03	5.49	16.98	113.95			
Multiple Myeloma	13.67	7.13	1.92	8.04	1.74	1.74	12.44	109.92	7.78	1.03	7.18	12.52	109.20			
Leukemias	13.53	8.63	1.57	8.47	1.58	1.58	13.61	99.41	7.95	1.07	8.74	13.79	98.12			
Sum of Rates for Black Males	294.80						277.15	106.37				286.13	103.03			
Black Females		Florida - 2000														
		Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality		
Cancer Site	Age-Adjusted Rates (2000 US)	2007 - 2008 Mortality	Inc/Mort Ratio	Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete			
Oral Cavity and Pharynx	5.24	1.46	3.59	1.44	3.67	3.67	5.37	97.66	1.32	1.09	1.49	5.46	95.98			
Esophagus	2.77	2.08	1.33	2.21	1.08	1.08	2.25	123.11	1.82	1.22	2.17	2.35	117.99			
Stomach	7.34	5.18	1.42	4.79	1.62	1.62	8.37	87.70	4.67	1.02	5.20	8.41	87.27			
Colon and Rectum	45.84	16.39	2.80	19.80	2.45	2.45	40.17	114.13	18.13	1.09	16.69	40.91	112.06			
Liver	4.03	2.36	1.71	2.97	1.41	1.41	3.31	121.58	2.76	1.08	2.39	3.36	119.69			
Pancreas	11.72	9.87	1.19	12.56	1.20	1.20	11.85	98.88	9.81	1.28	10.42	12.51	93.64			
Lung and Bronchus	34.89	27.03	1.29	38.03	1.41	1.41	38.00	91.83	26.30	1.45	29.44	41.38	84.31			
Melanoma of the Skin																
Breast	12.01	4.46	2.70	4.29	1.97	1.97	8.78	136.79	4.54	0.94	4.41	8.68	138.34			
Cervix	26.68	7.06	3.78	7.33	2.99	2.99	21.07	126.65	7.22	1.02	7.08	21.13	126.27			
Corpus and Uterus,NOS	9.72	5.36	1.81	6.83	1.42	1.42	7.60	127.95	5.69	1.20	5.57	7.90	123.05			
Ovary	5.33	2.69	1.98	2.63	2.79	2.79	7.50	71.00	2.57	1.02	2.70	7.54	70.68			
Kidney and Renal Pelvis	9.70	2.26	4.29	2.63	4.29	4.29	9.70	100.00	2.04	1.29	2.39	10.27	94.49			
Brain and Other Nervous System	3.53	1.87	1.89	2.05	1.72	1.72	3.21	110.09	1.95	1.05	1.89	3.24	108.97			
Hodgkin's Disease	1.82	0.35	5.20	0.30	8.19	8.19	2.86	63.50	0.24	1.24	0.37	3.00	60.61			
Non-Hodgkin's Lymphomas	12.79	3.72	3.43	3.64	3.26	3.26	12.15	105.31	4.02	0.91	3.65	11.92	107.32			
Multiple Myeloma	9.95	4.41	2.26	5.38	1.82	1.82	8.02	124.02	4.59	1.17	4.56	8.29	119.91			
Leukemias	8.04	4.88	1.65	4.81	1.61	1.61	7.86	102.23	5.04	0.95	4.83	7.79	103.20			
Sum of Rates for Black Females	211.41						198.07	106.73				204.16	103.55			
Sum of Rates for Blacks	251.75						236.33	106.53				243.81	103.30			

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**Estimated Completeness of Case Ascertainment for Whites**

Florida - 2008

White Males	Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)		Inc/Mort		2004-2008		Inc/Mort		Expected Incidence Rate		Adj Reg 2000 Mort Rate		Expected Incidence Rate	
Cancer Site	2008 Incidence	2007 - 2008 Mortality	2007 - 2008 Inc/Mort	Ratio	2004-2008 Mortality	Ratio	2004-2008 Inc/Mort	Ratio	Expected Incidence Rate	Initial Percent Complete	Adj Reg 2000 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	21.40	4.55	4.70	4.18	3.62	4.18	4.18	4.18	19.03	112.47	4.41	4.41	18.41	116.26
Esophagus	8.50	7.60	1.12	1.00	7.89	1.00	7.89	1.00	7.59	111.99	7.70	7.70	7.69	110.52
Stomach	7.39	3.63	2.04	2.07	4.35	2.07	4.35	2.07	7.51	98.49	3.75	3.75	7.74	95.48
Colon and Rectum	48.38	17.68	2.74	2.51	19.53	2.51	19.53	2.51	44.32	109.16	18.01	18.01	45.15	107.16
Liver	9.62	6.67	1.44	1.55	5.98	1.55	5.98	1.55	10.35	92.96	6.54	6.54	10.16	94.69
Pancreas	13.06	12.05	1.08	1.10	12.42	1.10	12.42	1.10	13.25	98.59	12.12	12.12	13.33	98.04
Lung and Bronchus	81.27	61.92	1.31	0.99	65.31	0.99	65.31	0.99	61.36	132.45	62.22	62.22	61.65	131.82
Melanoma of Skin	27.76	4.98	5.58	6.85	4.62	6.85	6.85	6.85	34.11	81.39	4.91	4.91	33.63	82.55
Prostate														
Urinary Bladder	35.92	7.62	4.71	4.95	8.04	4.95	8.04	4.95	37.77	95.11	7.72	7.72	38.23	93.97
Kidney and Renal Pelvis	19.58	5.30	3.69	3.24	5.92	3.24	5.92	3.24	17.16	114.16	5.46	5.46	17.66	110.96
Brain and Other Nervous System	7.77	4.98	1.56	1.49	5.63	1.49	5.63	1.49	7.40	105.03	5.08	5.08	7.55	102.88
Hodgkin's Disease	3.30	0.46	7.24	6.10	0.51	6.10	6.10	6.10	2.79	118.63	0.46	0.46	2.83	116.85
Non-Hodgkin's Lymphomas	21.84	7.56	2.89	2.80	8.71	2.80	8.71	2.80	21.19	103.08	7.90	7.90	21.62	101.02
Multiple Myeloma	5.64	3.34	1.69	1.63	4.12	1.63	4.12	1.63	5.44	103.78	3.49	3.49	5.69	99.20
Leukemias	14.89	8.58	1.74	1.72	9.91	1.72	9.91	1.72	14.78	100.73	8.73	8.73	15.05	98.97
<b>Sum of Rates for White Males</b>	<b>326.34</b>								<b>304.03</b>	<b>107.34</b>			<b>306.37</b>	<b>106.52</b>
White Females	Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)		Inc/Mort		2004-2008		Inc/Mort		Expected Incidence Rate		Adj Reg 2000 Mort Rate		Expected Incidence Rate	
Cancer Site	2008 Incidence	2007 - 2008 Mortality	2007 - 2008 Inc/Mort	Ratio	2004-2008 Mortality	Ratio	2004-2008 Inc/Mort	Ratio	Expected Incidence Rate	Initial Percent Complete	Adj Reg 2000 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	7.15	1.54	4.64	4.30	1.37	4.30	4.30	4.30	6.64	107.76	1.52	1.52	6.55	109.23
Esophagus	1.80	1.45	1.24	1.18	1.56	1.18	1.56	1.18	1.71	105.57	1.47	1.47	1.74	103.88
Stomach	3.67	2.02	1.82	1.98	2.21	1.98	2.21	1.98	4.01	91.69	2.05	2.05	4.07	90.23
Colon and Rectum	36.02	12.54	2.87	2.73	13.59	2.73	13.59	2.73	34.29	105.04	12.76	12.76	34.88	103.26
Liver	2.62	1.88	1.40	1.39	1.97	1.39	1.97	1.39	2.60	100.82	1.88	1.88	2.61	100.49
Pancreas	10.09	8.66	1.16	1.13	9.27	1.13	9.27	1.13	9.80	102.91	8.80	8.80	9.95	101.32
Lung and Bronchus	60.77	40.91	1.49	1.22	40.79	1.22	40.79	1.22	49.75	122.14	40.84	40.84	49.68	122.33
Melanoma of Skin	16.04	1.90	8.46	10.25	1.98	10.25	10.25	10.25	19.43	82.56	1.91	1.91	19.55	82.06
Breast														
Cervix	8.98	2.37	3.78	3.41	2.17	3.41	3.41	3.41	8.08	111.12	2.31	2.31	7.88	113.93
Corpus and Uterus,NOS	22.82	3.38	6.75	6.57	3.89	6.57	6.57	6.57	22.22	102.72	3.47	3.47	22.82	100.02
Ovary	12.92	7.90	1.63	1.52	8.56	1.52	8.56	1.52	12.00	107.65	8.05	8.05	12.21	105.73
Urinary Bladder	8.70	2.11	4.13	4.30	2.20	4.30	4.30	4.30	9.06	96.03	2.12	2.12	9.11	95.51
Kidney and Renal Pelvis	10.17	2.27	4.48	3.66	2.66	3.66	3.66	3.66	8.29	122.56	2.36	2.36	8.62	117.92
Brain and Other Nervous System	5.94	3.35	1.78	1.56	3.78	1.56	3.78	1.56	5.23	113.69	1.11	1.11	5.34	111.26
Hodgkin's Disease	2.74	0.30	9.00	7.64	0.35	7.64	7.64	7.64	2.33	117.85	0.31	0.31	2.35	116.95
Non-Hodgkin's Lymphomas	15.09	4.86	3.11	3.05	5.41	3.05	5.41	3.05	14.82	101.81	4.95	4.95	15.10	99.93
Multiple Myeloma	3.63	2.16	1.68	1.58	2.50	1.58	2.50	1.58	3.40	106.94	2.23	2.23	3.51	103.59
Leukemias	9.11	4.78	1.91	1.88	5.47	1.88	5.47	1.88	8.96	101.64	4.87	4.87	9.13	99.75
<b>Sum of Rates for White Females</b>	<b>238.27</b>								<b>222.61</b>	<b>107.03</b>			<b>225.10</b>	<b>105.85</b>
<b>Sum of Rates for Whites</b>	<b>281.79</b>								<b>262.84</b>	<b>107.21</b>			<b>265.25</b>	<b>106.18</b>

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Florida - 2008

**Estimated Completeness Summary**

<b>Intrim Completeness Estimates Adjusted for Reference Mortality</b>					
<b>Whites</b>		<b>Blacks</b>		<b>Race Proportional</b>	
Percent Complete	Population	Percent Complete	Population	Percent Complete	Population
106.18	14,815,074	103.30	3,015,531	105.69	17,830,605

<b>Final Completeness Estimates Adjusted for Reference Mortality and Duplicate Records</b>			
<b>Total Incident Cases</b>	106141	<b>Adjusted Total Incident Cases</b>	106141
<b>Race Proportional Completeness, Adjusted for Reference Mortality</b>	105.69	<b>Expected Incident Cases</b>	100423
<b>%Unresolved Duplicates*</b>	0.00	<b>Final Completeness Estimates, Adjusted for Reference Mortality and Duplicate Records</b>	105.69

\* 0.00 indicates all duplicates are resolved.



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**Estimated Completeness of Case Ascertainment for Blacks**

**Florida - 2007**

Black Males		Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality		
		Age-Adjusted Rates (2000 US)		Ratio		Age-Adjusted Rates (2000 US)	Inc/Mort	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete		
Cancer Site	2007 Incidence	2006 - 2007 Mortality	Inc/Mort	Ratio	2004-2008 Mortality	Inc/Mort Ratio	2004-2008 Mortality	2004-2008 Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	16.13	4.19	3.85		5.66	2.45			10.29	156.74	4.45	1.27	4.42	10.85	148.70
Esophagus	7.35	7.29	1.01		8.18	0.87			6.37	115.34	6.39	1.28	7.69	6.73	109.22
Stomach	14.74	9.12	1.62		10.29	1.53			13.94	105.71	9.29	1.11	9.32	14.24	103.48
Colon and Rectum	51.93	25.71	2.02		29.84	2.12			54.49	95.31	25.41	1.17	26.61	56.39	92.09
Liver	12.12	8.40	1.44		10.54	1.57			13.18	91.92	8.58	1.23	8.78	13.78	87.91
Pancreas	14.82	12.13	1.22		15.49	1.13			13.66	108.43	12.35	1.25	12.75	14.36	103.19
Lung and Bronchus	86.98	69.13	1.26		82.58	1.10			75.77	114.81	67.67	1.22	72.18	79.10	109.96
Melanoma of the Skin															
Prostate															
Urinary Bladder	14.86	5.65	2.63		5.60	3.81			21.51	69.07	5.87	0.96	5.60	21.32	69.69
Kidney and Renal Pelvis	18.70	3.91	4.79		6.01	3.83			14.96	124.98	4.55	1.32	4.16	15.93	117.39
Brain and Other Nervous System	4.42	2.71	1.63		3.07	1.48			4.00	110.52	2.95	1.04	2.73	4.03	109.63
Hodgkin's Disease	2.51	0.72	3.50		0.49	6.43			4.62	54.41	0.64	0.78	0.69	4.41	56.96
Non-Hodgkin's Lymphomas	15.00	5.51	2.72		6.06	3.09			17.06	87.91	5.91	1.03	5.54	17.15	87.46
Multiple Myeloma	12.12	8.26	1.47		8.04	1.74			14.41	84.08	7.78	1.03	8.31	14.50	83.54
Leukemias	10.13	8.42	1.20		8.47	1.58			13.28	76.32	7.95	1.07	8.53	13.45	75.34
Sum of Rates for Black Males	281.80								277.54	101.53				286.25	98.45
		Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality		
Black Females	2007 Incidence	2006 - 2007 Mortality	Inc/Mort	Ratio	2004-2008 Mortality	Inc/Mort Ratio	2004-2008 Mortality	2004-2008 Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	5.02	1.64	3.07		1.44	3.67			6.01	83.49	1.32	1.09	1.66	6.11	82.05
Esophagus	2.73	2.12	1.29		2.21	1.08			2.30	118.71	1.82	1.22	2.21	2.40	113.77
Stomach	8.60	4.74	1.81		4.79	1.62			7.67	112.17	4.67	1.02	4.76	7.70	111.63
Colon and Rectum	40.08	17.87	2.24		19.80	2.45			43.79	91.55	18.13	1.09	18.20	44.60	89.89
Liver	3.27	2.21	1.48		2.97	1.41			3.11	104.95	2.76	1.08	2.25	3.16	103.32
Pancreas	11.05	9.53	1.16		12.56	1.20			11.45	96.50	9.81	1.28	10.07	12.09	91.39
Lung and Bronchus	38.22	27.43	1.39		38.03	1.41			38.56	99.11	26.30	1.45	29.88	42.00	90.99
Melanoma of the Skin															
Breast															
Cervix	12.45	4.36	2.86		4.29	1.97			8.59	144.87	4.54	0.94	4.31	8.50	146.51
Corpus and Uterus,NOS	25.20	6.60	3.82		7.33	2.99			19.70	127.91	7.22	1.02	6.62	19.76	127.53
Ovary	8.80	6.08	1.45		6.83	1.42			8.61	102.16	5.69	1.20	6.32	8.96	98.24
Urinary Bladder	5.20	2.96	1.76		2.63	2.79			8.26	63.01	2.57	1.02	2.97	8.29	62.72
Kidney and Renal Pelvis	10.11	1.94	5.22		2.63	4.29			8.31	121.62	2.04	1.29	2.05	8.79	114.92
Brain and Other Nervous System	3.72	2.07	1.80		2.05	1.72			3.55	104.85	1.95	1.05	2.09	3.59	103.79
Hodgkin's Disease	1.39	0.20	7.08		0.30	8.19			1.61	86.40	0.24	1.24	0.21	1.68	82.47
Non-Hodgkin's Lymphomas	13.16	3.64	3.61		3.64	3.26			11.89	110.77	4.02	0.91	3.58	11.66	112.88
Multiple Myeloma	9.92	4.00	2.48		5.38	1.82			7.27	136.53	4.59	1.17	4.13	7.52	132.01
Leukemias	8.47	5.43	1.56		4.81	1.61			8.75	96.76	5.04	0.95	5.38	8.67	97.68
Sum of Rates for Black Females	207.39								199.42	103.99				205.48	100.93
Sum of Rates for Blacks	243.36								237.19	102.60				244.53	99.73



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**Estimated Completeness of Case Ascertainment for Whites**

**Florida - 2007**

White Males	Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)		Inc/Mort Ratio		2004-2008 Mortality		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2007 Incidence	2006 - 2007 Mortality	2006 - 2007 Inc/Mort Ratio	2004-2008 Inc/Mort Ratio	2004-2008 Mortality	2004-2008 Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	20.64	4.41	4.68	3.62	4.18	4.18	18.42	112.07	4.32	0.84	4.26	17.82	115.84
Esophagus	8.50	7.37	1.15	7.89	1.00	1.00	7.36	115.54	7.40	1.07	7.47	7.45	114.02
Stomach	7.20	3.78	1.90	4.35	2.07	2.07	7.82	92.04	3.76	1.16	3.90	8.07	89.23
Colon and Rectum	48.79	17.98	2.71	19.53	2.51	2.51	45.08	108.22	17.86	1.09	18.32	45.92	106.24
Liver	8.77	6.49	1.35	5.98	1.55	1.55	10.08	86.96	6.58	0.91	6.38	9.90	88.58
Pancreas	12.86	11.97	1.07	12.42	1.10	1.10	13.16	97.70	12.07	1.03	12.03	13.23	97.15
Lung and Bronchus	80.53	63.94	1.26	65.31	0.99	0.99	63.36	127.10	63.79	1.02	64.25	63.66	126.50
Melanoma of Skin	27.62	5.17	5.35	4.62	6.85	6.85	35.40	78.02	4.97	0.93	5.09	34.91	79.13
Prostate													
Urinary Bladder	36.91	7.59	4.86	8.04	4.95	4.95	37.59	98.18	7.58	1.06	7.68	38.04	97.00
Kidney and Renal Pelvis	18.87	5.30	3.56	5.92	3.24	3.24	17.15	110.01	5.17	1.14	5.45	17.65	106.93
Brain and Other Nervous System	7.87	4.97	1.59	5.63	1.49	1.49	7.38	106.63	5.09	1.10	5.07	7.54	104.44
Hodgkin's Disease	3.14	0.49	6.43	0.51	6.10	6.10	2.98	105.29	0.48	1.08	0.50	3.02	103.71
Non-Hodgkin's Lymphomas	22.16	7.85	2.82	8.71	2.80	2.80	21.98	100.82	7.90	1.10	8.01	22.43	98.81
Multiple Myeloma	5.34	3.49	1.53	4.12	1.63	1.63	5.69	93.91	3.34	1.23	3.65	5.95	89.76
Leukemias	15.00	8.88	1.69	9.91	1.72	1.72	15.30	98.02	9.10	1.09	9.03	15.57	96.31
<b>Sum of Rates for White Males</b>	<b>324.19</b>						<b>308.75</b>	<b>105.00</b>				<b>311.17</b>	<b>104.18</b>
White Females	Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)		Inc/Mort Ratio		2004-2008 Mortality		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2007 Incidence	2006 - 2007 Mortality	2006 - 2007 Inc/Mort Ratio	2004-2008 Inc/Mort Ratio	2004-2008 Mortality	2004-2008 Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	7.14	1.50	4.77	1.37	4.30	4.30	6.44	110.88	1.47	0.93	1.48	6.35	112.40
Esophagus	1.86	1.43	1.30	1.56	1.18	1.18	1.68	110.58	1.44	1.08	1.45	1.71	108.82
Stomach	3.79	2.10	1.80	2.21	1.98	1.98	4.16	90.94	2.05	1.08	2.13	4.23	89.49
Colon and Rectum	37.42	12.86	2.91	13.59	2.73	2.73	35.16	106.44	12.51	1.09	13.08	35.76	104.63
Liver	2.51	1.93	1.30	1.97	1.39	1.39	2.67	93.93	1.94	1.02	1.94	2.68	93.62
Pancreas	9.41	8.53	1.10	9.27	1.13	1.13	9.65	97.46	8.60	1.08	8.66	9.80	95.96
Lung and Bronchus	59.76	41.22	1.45	40.79	1.22	1.22	50.14	119.19	41.10	0.99	41.16	50.06	119.37
Melanoma of Skin	16.78	1.86	9.02	1.98	10.25	10.25	19.08	87.93	1.92	1.03	1.87	19.20	87.41
Breast													
Cervix	8.72	2.48	3.52	2.17	3.41	3.41	8.45	103.27	2.48	0.88	2.42	8.24	105.88
Corpus and Uterus, NOS	21.94	3.24	6.78	3.89	6.57	6.57	21.28	103.09	3.43	1.14	3.33	21.86	100.38
Ovary	12.38	7.93	1.56	8.56	1.52	1.52	12.03	102.86	7.85	1.09	8.07	12.25	101.03
Urinary Bladder	9.60	2.12	4.53	2.20	4.30	4.30	9.11	105.45	2.14	1.03	2.13	9.16	104.88
Kidney and Renal Pelvis	10.41	2.25	4.62	2.66	3.66	3.66	8.24	126.32	2.22	1.20	2.34	8.56	121.53
Brain and Other Nervous System	6.13	3.37	1.82	3.78	1.56	1.56	5.27	116.30	3.41	1.11	3.45	5.38	113.82
Hodgkin's Disease	2.42	0.28	8.55	0.35	7.64	7.64	2.16	111.92	0.33	1.04	0.29	2.18	111.07
Non-Hodgkin's Lymphomas	15.01	5.00	3.01	5.41	3.05	3.05	15.24	98.51	4.95	1.09	5.09	15.53	96.69
Multiple Myeloma	3.41	2.21	1.54	2.50	1.58	1.58	3.48	97.97	2.16	1.16	2.28	3.59	94.90
Leukemias	9.06	5.05	1.80	5.47	1.88	1.88	9.47	95.71	4.99	1.09	5.14	9.65	93.93
<b>Sum of Rates for White Females</b>	<b>237.75</b>						<b>223.72</b>	<b>106.27</b>				<b>226.20</b>	<b>105.11</b>
<b>Sum of Rates for White Whites</b>	<b>280.44</b>						<b>265.71</b>	<b>105.54</b>				<b>268.17</b>	<b>104.65</b>

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Florida - 2007  
Estimated Completeness Summary

Intrim Completeness Estimates Adjusted for Reference Mortality					
Whites		Blacks		Race Proportional	
Percent Complete	Population	Percent Complete	Population	Percent Complete	Population
104.65	14,735,020	99.73	2,968,086	103.82	17,703,106

Final Completeness Estimates Adjusted for Reference Mortality and Duplicate Records			
Total Incident Cases	104681	Adjusted Total Incident Cases	104681
Race Proportional Completeness, Adjusted for Reference Mortality	103.82	Expected Incident Cases	100825
%Unresolved Duplicates*	0.00	Final Completeness Estimates, Adjusted for Reference Mortality and Duplicate Records	103.82

\* 0.00 indicates all duplicates are resolved.

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**Estimated Completeness of Case Ascertainment for Blacks**

Florida - 2006

Florida - 2006													
Black Males	Florida			SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)	2006 Incidence	2005 - 2006 Mortality	Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site													
Oral Cavity and Pharynx	14.20	4.57	3.11	5.66	2.45	2.45	11.21	126.64	4.45	1.27	4.82	11.82	120.15
Esophagus	7.09	7.40	0.96	8.18	0.87	0.87	6.48	109.47	6.39	1.28	7.82	6.84	103.66
Stomach	15.33	9.61	1.60	10.29	1.53	1.53	14.69	104.39	9.29	1.11	9.82	15.01	102.18
Colon and Rectum	53.89	25.72	2.09	29.84	2.12	2.12	54.51	98.86	25.41	1.17	26.62	56.42	95.52
Liver	10.53	8.78	1.20	10.54	1.57	1.57	13.78	76.38	8.58	1.23	9.19	14.41	73.05
Pancreas	12.95	13.39	0.97	15.49	1.13	1.13	15.08	85.91	12.35	1.25	14.07	15.84	81.75
Lung and Bronchus	89.02	70.01	1.27	82.58	1.10	1.10	76.72	116.02	67.67	1.22	73.09	80.10	111.13
Melanoma of the Skin													
Prostate													
Urinary Bladder	12.94	6.40	2.02	5.60	3.81	3.81	24.39	53.06	5.87	0.96	6.34	24.17	53.55
Kidney and Renal Pelvis	18.46	3.97	4.65	6.01	3.83	3.83	15.22	121.27	4.55	1.32	4.23	16.21	113.91
Brain and Other Nervous System	4.05	3.21	1.26	3.07	1.48	1.48	4.74	85.35	2.95	1.04	3.24	4.78	84.66
Hodgkin's Disease	2.93	0.78	3.75	0.49	6.43	6.43	5.03	58.29	0.64	0.78	0.75	4.80	61.02
Non-Hodgkin's Lymphomas	17.63	6.16	2.86	6.06	3.09	3.09	19.06	92.48	5.91	1.03	6.19	19.16	92.00
Multiple Myeloma	13.69	8.28	1.65	8.04	1.74	1.74	14.44	94.85	7.78	1.03	8.33	14.53	94.23
Leukemias	11.60	7.32	1.58	8.47	1.58	1.58	11.55	100.43	7.95	1.07	7.42	11.70	99.14
Sum of Rates for Black Males	284.31						286.91	99.10				295.79	96.12
Black Females	Florida			SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
Cancer Site	Age-Adjusted Rates (2000 US)	2006 Incidence	2005 - 2006 Mortality	Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Oral Cavity and Pharynx	6.07	1.32	4.61	1.44	3.67	3.67	4.84	125.41	1.32	1.09	1.34	4.92	123.25
Esophagus	2.72	1.86	1.46	2.21	1.08	1.08	2.02	135.12	1.82	1.22	1.94	2.10	129.51
Stomach	7.90	4.59	1.72	4.79	1.62	1.62	7.43	106.37	4.67	1.02	4.62	7.47	105.86
Colon and Rectum	46.30	20.35	2.27	19.80	2.45	2.45	49.89	92.81	18.13	1.09	20.73	50.81	91.13
Liver	3.80	2.54	1.50	2.97	1.41	1.41	3.57	106.60	2.76	1.08	2.58	3.62	104.94
Pancreas	10.39	9.21	1.13	12.56	1.20	1.20	11.05	94.05	9.81	1.28	9.72	11.67	89.07
Lung and Bronchus	35.64	27.80	1.28	38.03	1.41	1.41	39.07	91.20	26.30	1.45	30.27	42.56	83.74
Melanoma of the Skin													
Breast													
Cervix	12.51	4.66	2.68	4.29	1.97	1.97	9.19	136.13	4.54	0.94	4.61	9.08	137.67
Corpus and Uterus,NOS	22.61	7.46	3.03	7.33	2.99	2.99	22.27	101.54	7.22	1.02	7.48	22.34	101.23
Ovary	10.36	6.42	1.61	6.83	1.42	1.42	9.10	113.77	5.69	1.20	6.68	9.47	109.41
Urinary Bladder	5.32	2.67	1.99	2.63	2.79	2.79	7.46	71.35	2.57	1.02	2.68	7.49	71.02
Kidney and Renal Pelvis	9.20	1.71	5.37	2.63	4.29	4.29	7.35	125.07	2.04	1.29	1.81	7.78	118.19
Brain and Other Nervous System	3.68	2.03	1.81	2.05	1.72	1.72	3.48	105.53	1.95	1.05	2.05	3.52	104.46
Hodgkin's Disease	2.30	0.99	24.57	0.30	8.19	8.19	0.77	299.92	0.24	1.24	0.10	0.80	286.27
Non-Hodgkin's Lymphomas	11.85	4.44	2.67	3.64	3.26	3.26	14.48	81.81	4.02	0.91	4.36	14.21	83.37
Multiple Myeloma	9.44	4.37	2.16	5.38	1.82	1.82	7.96	118.67	4.59	1.17	4.52	8.23	114.74
Leukemias	8.32	4.92	1.69	4.81	1.61	1.61	7.92	105.04	5.04	0.95	4.87	7.84	106.04
Sum of Rates for Black Females	208.41						207.84	100.27				213.92	97.42
Sum of Rates for Blacks	245.05						246.02	99.61				253.45	96.79



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**Estimated Completeness of Case Ascertainment for Whites**

Florida - 2006

Florida - 2006															
White Males	Florida				SEER (11 Regs) and US Mortality				Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
	Age-Adjusted Rates (2000 US)	2005 - 2006 Mortality	Inc/Mort Ratio		Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete	
Cancer Site	2006 Incidence	2005 - 2006 Mortality	Inc/Mort Ratio		2004-2008 Mortality	2004-2008 Mortality	Inc/Mort Ratio		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete	
Oral Cavity and Pharynx	20.18	4.13	4.89		3.62	4.18			17.25	116.99	4.32	0.84	16.89	120.92	
Esophagus	8.49	7.23	1.17		7.89	1.00			7.21	117.66	7.40	1.07	7.32	116.11	
Stomach	7.75	4.16	1.86		4.35	2.07			8.60	90.11	3.76	1.16	8.87	87.36	
Colon and Rectum	50.94	18.39	2.77		19.53	2.51			46.10	110.48	17.86	1.09	46.97	108.45	
Liver	8.69	6.19	1.40		5.98	1.55			9.61	90.40	6.58	0.91	9.44	92.09	
Pancreas	13.37	11.86	1.13		12.42	1.10			13.04	102.49	12.07	1.03	13.12	101.91	
Lung and Bronchus	85.54	67.58	1.27		65.31	0.99			66.97	127.73	63.79	1.02	67.91	127.12	
Melanoma of Skin	24.22	4.88	4.96		4.62	6.85			33.46	72.38	4.97	0.93	32.99	73.41	
Prostate															
Urinary Bladder	37.43	7.51	4.98		8.04	4.95			37.21	100.59	7.58	1.06	37.66	99.38	
Kidney and Renal Pelvis	20.00	5.26	3.80		5.92	3.24			17.02	117.51	5.17	1.14	17.51	114.22	
Brain and Other Nervous System	8.04	5.18	1.55		5.63	1.49			7.71	104.31	5.09	1.10	7.87	102.17	
Hodgkin's Disease	3.02	0.52	5.77		0.51	6.10			3.19	94.50	0.48	1.08	3.24	93.08	
Non-Hodgkin's Lymphomas	21.49	8.39	2.56		8.71	2.80			23.49	91.49	7.90	1.10	23.97	89.66	
Multiple Myeloma	6.03	3.51	1.72		4.12	1.63			5.72	105.33	3.34	1.23	5.99	100.68	
Leukemias	15.26	9.49	1.61		9.91	1.72			16.36	93.29	9.10	1.09	16.65	91.66	
Sum of Rates for White Males	330.43								312.95	105.59			315.55	104.72	
White Females	Florida				SEER (11 Regs) and US Mortality				Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
Cancer Site	2006 Incidence	2005 - 2006 Mortality	Inc/Mort Ratio		Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio		Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete	
Oral Cavity and Pharynx	7.31	1.44	5.09		1.37	4.30			6.18	118.29	1.47	0.93	6.09	119.90	
Esophagus	1.91	1.49	1.29		1.56	1.18			1.75	109.14	1.44	1.08	1.78	107.40	
Stomach	3.50	2.12	1.65		2.21	1.98			4.21	83.06	2.05	1.08	4.28	81.73	
Colon and Rectum	38.33	13.05	2.94		13.59	2.73			35.70	107.37	12.51	1.09	36.31	105.55	
Liver	2.51	1.90	1.32		1.97	1.39			2.64	95.28	1.94	1.02	2.65	94.97	
Pancreas	9.92	8.64	1.15		9.27	1.13			9.78	101.36	8.60	1.08	9.94	99.79	
Lung and Bronchus	61.06	41.42	1.47		40.79	1.22			50.38	121.20	41.10	0.99	50.30	121.38	
Melanoma of Skin	15.23	1.91	7.99		1.98	10.25			19.53	77.97	1.92	1.03	19.65	77.51	
Breast															
Cervix	9.21	2.64	3.49		2.17	3.41			9.00	102.43	2.48	0.88	8.77	105.02	
Corpus and Uterus,NOS	20.84	3.27	6.37		3.89	6.57			21.51	96.89	3.43	1.14	22.09	94.34	
Ovary	13.05	8.01	1.63		8.56	1.52			12.17	107.23	7.85	1.09	12.39	105.32	
Urinary Bladder	9.28	2.15	4.31		2.20	4.30			9.25	100.35	2.14	1.03	9.30	99.81	
Kidney and Renal Pelvis	10.34	2.17	4.77		2.66	3.66			7.93	130.36	2.22	1.20	8.24	125.43	
Brain and Other Nervous System	5.88	3.47	1.70		3.78	1.56			5.42	108.55	3.41	1.11	5.54	106.23	
Hodgkin's Disease	2.43	0.30	8.21		0.35	7.64			2.26	107.49	0.33	1.04	2.27	106.67	
Non-Hodgkin's Lymphomas	15.67	5.16	3.04		5.41	3.05			15.73	99.63	4.95	1.09	16.03	97.78	
Multiple Myeloma	3.52	2.21	1.59		2.50	1.58			3.49	100.97	2.16	1.16	3.60	97.80	
Leukemias	9.06	5.28	1.72		5.47	1.88			9.90	91.54	4.99	1.09	10.09	89.84	
Sum of Rates for White Females	239.05								226.82	105.39			229.33	104.24	
Sum of Rates for Whites	284.13								269.31	105.50			271.86	104.47	

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Florida - 2006

**Estimated Completeness Summary**

Intrim Completeness Estimates Adjusted for Reference Mortality					
Whites		Blacks		Race Proportional	
Percent Complete	Population	Percent Complete	Population	Percent Complete	Population
104.47	14,618,786	96.79	2,916,378	103.20	17,535,164

<b>Final Completeness Estimates Adjusted for Reference Mortality and Duplicate Records</b>				
<b>Total Incident Cases</b>	102801	<b>Adjusted Total Incident Cases</b>	102801	102801
<b>Race Proportional Completeness, Adjusted for Reference Mortality</b>	103.20	<b>Expected Incident Cases</b>	99616	99616
<b>%Unresolved Duplicates*</b>	0.00	<b>Final Completeness Estimates, Adjusted for Reference Mortality and Duplicate Records</b>	103.20	103.20

\* 0.00 indicates all duplicates are resolved.



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**Estimated Completeness of Case Ascertainment for Blacks**

**Florida - 2005**

Florida - 2005													
Black Males	Florida		SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality			
	Age-Adjusted Rates (2000 US)	Inc/Mort Ratio	Age-Adjusted Rates (2000 US)	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete			
Cancer Site	2005 Incidence	2004 - 2005 Mortality	2005 Inc/Mort Ratio	2004-2008 Inc/Mort Ratio	2004-2008 Mortality	2004-2008 Inc/Mort Ratio	Rate	Percent Complete	Mort Rate	Mort Rate	Rate	Percent Complete	
Oral Cavity and Pharynx	13.18	5.94	2.22	2.45	5.66	2.45	14.59	90.32	4.45	1.27	6.27	15.38	85.69
Esophagus	8.05	7.37	1.09	0.87	8.18	0.87	6.45	124.93	6.39	1.28	7.78	6.81	118.30
Stomach	17.36	10.27	1.69	1.53	10.29	1.53	15.70	110.58	9.29	1.11	10.49	16.03	108.24
Colon and Rectum	62.30	28.04	2.22	2.12	29.84	2.12	59.42	104.85	25.41	1.17	29.02	61.49	101.31
Liver	11.02	8.59	1.28	1.57	10.54	1.57	13.47	81.79	8.58	1.23	8.98	14.09	78.22
Pancreas	16.77	13.47	1.24	1.13	15.49	1.13	15.17	110.52	12.35	1.25	14.16	15.95	105.18
Lung and Bronchus	82.42	72.74	1.13	1.10	82.58	1.10	79.72	103.40	67.67	1.22	75.94	83.23	99.03
Melanoma of the Skin													
Prostate													
Urinary Bladder	17.76	6.32	2.81	3.81	5.60	3.81	24.09	73.72	5.87	0.96	6.27	23.87	74.39
Kidney and Renal Pelvis	17.98	4.80	3.75	3.83	6.01	3.83	18.38	97.83	4.55	1.32	5.11	19.56	91.89
Brain and Other Nervous System	4.86	3.55	1.37	1.48	3.07	1.48	5.24	92.80	2.95	1.04	3.58	5.28	92.05
Hodgkin's Disease	3.51	0.74	4.73	6.43	0.49	6.43	4.78	73.55	0.64	0.78	0.71	4.56	77.00
Non-Hodgkin's Lymphomas	20.64	6.22	3.32	3.09	6.06	3.09	19.24	107.31	5.91	1.03	6.25	19.33	106.76
Multiple Myeloma	10.81	7.07	1.53	1.74	8.04	1.74	12.34	87.60	7.78	1.03	7.12	12.42	87.03
Leukemias	14.44	7.64	1.89	1.58	8.47	1.58	12.06	119.73	7.95	1.07	7.74	12.22	118.19
Sum of Rates for Black Males	301.10			100.16			300.63				310.22		97.06
Black Females	Florida		SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality			
Cancer Site	Age-Adjusted Rates (2000 US)	Inc/Mort Ratio	Age-Adjusted Rates (2000 US)	Inc/Mort Ratio	2004-2008 Mortality	2004-2008 Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete	
Oral Cavity and Pharynx	6.53	1.63	3.99	3.67	1.44	3.67	6.01	108.70	1.32	1.09	1.66	6.11	106.83
Esophagus	2.48	2.15	1.15	1.08	2.21	1.08	2.33	106.43	1.82	1.22	2.24	2.43	102.01
Stomach	7.84	5.36	1.46	1.62	4.79	1.62	8.67	90.40	4.67	1.02	5.39	8.71	89.96
Colon and Rectum	45.57	20.58	2.21	2.45	19.80	2.45	50.44	90.35	18.13	1.09	20.95	51.37	88.72
Liver	3.50	3.00	1.17	1.41	2.97	1.41	4.22	83.02	2.78	1.08	3.05	4.29	81.72
Pancreas	12.74	10.58	1.20	1.20	12.56	1.20	12.70	100.33	9.81	1.28	11.17	13.41	95.02
Lung and Bronchus	41.59	28.21	1.47	1.41	38.03	1.41	39.66	104.86	26.30	1.45	30.73	43.20	96.28
Melanoma of the Skin													
Breast													
Cervix	12.02	4.56	2.64	1.97	4.29	1.97	8.98	133.81	4.54	0.94	4.51	8.88	135.33
Corpus and Uterus,NOS	23.76	7.91	3.01	2.99	7.33	2.99	23.61	100.65	7.22	1.02	7.93	23.68	100.35
Ovary	9.28	6.75	1.37	1.42	6.83	1.42	9.57	96.92	5.69	1.20	7.02	9.95	93.21
Urinary Bladder	5.22	2.64	1.98	2.79	2.63	2.79	7.37	70.90	2.57	1.02	2.65	7.40	70.58
Kidney and Renal Pelvis	10.14	1.96	5.18	4.29	2.63	4.29	8.40	120.68	2.04	1.29	2.07	8.89	114.04
Brain and Other Nervous System	3.22	2.18	1.48	1.72	2.05	1.72	3.74	85.98	1.95	1.05	2.20	3.78	85.10
Hodgkin's Disease	1.63	0.22	7.51	8.19	0.30	8.19	1.77	91.75	0.24	1.24	0.23	1.86	87.57
Non-Hodgkin's Lymphomas	13.87	4.36	3.18	3.26	3.64	3.26	14.23	97.48	4.02	0.91	4.28	13.97	99.34
Multiple Myeloma	7.74	5.29	1.46	1.82	5.38	1.82	9.62	80.47	4.59	1.17	5.47	9.95	77.80
Leukemias	8.58	5.11	1.68	1.61	4.81	1.61	8.23	104.33	5.04	0.95	5.06	8.15	105.32
Sum of Rates for Black Females	215.72			98.25			219.55				226.02		95.44
Sum of Rates for Blacks	256.90			99.32			258.66				266.64		96.22

National Program of Cancer Registries - Cancer Surveillance System

SSR1 - Standard Status Report - 2012

Estimated Completeness of Case Ascertainment for Whites

Florida - 2005

Florida - 2005														
White Males	Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality		
	Age-Adjusted Rates (2000 US)	2004 - 2005 Mortality	Inc/Mort Ratio	Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete	
Cancer Site	2005 Incidence													
Oral Cavity and Pharynx	19.64	4.11	4.78	4.18	3.62	4.18	17.16	114.46	4.32	0.84	3.97	16.60	118.31	
Esophagus	8.38	7.31	1.15	1.00	7.89	1.00	7.29	114.89	7.40	1.07	7.40	7.39	113.37	
Stomach	7.61	4.57	1.67	2.07	4.35	2.07	9.46	80.54	3.78	1.16	4.72	9.75	78.08	
Colon and Rectum	52.12	18.52	2.81	2.51	19.53	2.51	46.44	112.24	17.86	1.09	18.87	47.31	110.18	
Liver	8.22	5.81	1.41	1.55	5.98	1.55	9.03	91.04	6.58	0.91	5.71	8.86	92.74	
Pancreas	12.85	11.61	1.11	1.10	12.42	1.10	12.77	100.65	12.07	1.03	11.68	12.84	100.09	
Lung and Bronchus	90.34	68.25	1.32	0.99	65.31	0.99	67.62	133.59	63.79	1.02	68.57	67.95	132.96	
Melanoma of Skin	26.06	4.67	5.58	6.85	4.62	6.85	32.02	81.40	4.97	0.93	4.61	31.57	82.56	
Prostate														
Urinary Bladder	39.91	7.67	5.20	4.95	8.04	4.95	38.00	105.04	7.58	1.06	7.76	38.46	103.78	
Kidney and Renal Pelvis	19.37	5.22	3.71	3.24	5.92	3.24	16.88	114.73	5.17	1.14	5.37	17.37	111.52	
Brain and Other Nervous System	8.52	5.02	1.70	1.49	5.63	1.49	7.47	114.02	5.09	1.10	5.13	7.63	111.68	
Hodgkin's Disease	3.02	0.47	6.43	6.10	0.51	6.10	2.86	105.38	0.48	1.08	0.48	2.91	103.80	
Non-Hodgkin's Lymphomas	22.59	8.84	2.56	2.80	8.71	2.80	24.75	91.28	7.90	1.10	9.02	25.25	89.46	
Multiple Myeloma	5.42	3.75	1.45	1.63	4.12	1.63	6.10	88.87	3.34	1.23	3.92	6.38	84.94	
Leukemias	15.90	9.22	1.72	1.72	9.91	1.72	15.89	100.04	9.10	1.09	9.38	16.17	98.30	
Sum of Rates for White Males	339.95						313.73	108.36				316.44	107.43	
White Females	Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality		
Cancer Site	2005 Incidence	2004 - 2005 Mortality	Inc/Mort Ratio	Age-Adjusted Rates (2000 US)	2004-2008 Mortality	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete	
Oral Cavity and Pharynx	6.68	1.50	4.45	4.30	1.37	4.30	6.47	103.33	1.47	0.93	1.48	6.38	104.73	
Esophagus	1.82	1.48	1.23	1.18	1.56	1.18	1.75	104.06	1.44	1.08	1.51	1.78	102.40	
Stomach	4.03	2.21	1.82	1.98	2.21	1.98	4.39	91.79	2.05	1.08	2.25	4.46	90.32	
Colon and Rectum	39.58	13.13	3.02	2.73	13.59	2.73	35.90	110.26	12.51	1.09	13.35	36.52	108.39	
Liver	2.03	1.73	1.17	1.39	1.97	1.39	2.40	84.53	1.94	1.02	1.74	2.41	84.25	
Pancreas	9.78	8.30	1.18	1.13	9.27	1.13	9.39	104.20	8.60	1.08	8.43	9.54	102.59	
Lung and Bronchus	62.99	42.85	1.47	1.22	40.79	1.22	52.11	120.88	41.10	0.99	42.78	52.03	121.06	
Melanoma of Skin	17.06	2.05	8.34	10.25	1.98	10.25	20.98	81.35	1.92	1.03	2.06	21.10	80.86	
Breast														
Cervix	9.21	2.44	3.78	3.41	2.17	3.41	8.30	110.99	2.48	0.88	2.38	8.09	113.79	
Corpus and Uterus,NOS	21.22	3.18	6.68	6.57	3.89	6.57	20.87	101.70	3.43	1.14	3.26	21.43	99.02	
Ovary	13.60	8.10	1.68	1.52	8.56	1.52	12.29	110.61	7.85	1.09	8.24	12.52	108.64	
Urinary Bladder	9.52	2.16	4.40	4.30	2.20	4.30	9.29	102.41	2.14	1.03	2.17	9.34	101.85	
Kidney and Renal Pelvis	9.86	2.19	4.49	3.66	2.66	3.66	8.02	122.86	2.22	1.20	2.28	8.34	118.20	
Brain and Other Nervous System	6.13	3.59	1.71	1.56	3.78	1.56	5.61	109.36	3.41	1.11	3.67	5.73	107.02	
Hodgkin's Disease	2.75	0.34	8.06	7.64	0.35	7.64	2.61	105.49	0.33	1.04	0.34	2.63	104.68	
Non-Hodgkin's Lymphomas	15.85	5.30	2.99	3.05	5.41	3.05	16.17	98.03	4.95	1.09	5.40	16.47	96.21	
Multiple Myeloma	3.64	2.22	1.64	1.58	2.50	1.58	3.50	104.00	2.16	1.16	2.29	3.61	100.74	
Leukemias	10.02	5.21	1.92	1.88	5.47	1.88	9.77	102.59	4.99	1.09	5.31	9.96	100.69	
Sum of Rates for White Females	245.77						229.80	106.95				232.33	105.79	
Sum of Rates for Whites	292.17						271.15	107.75				273.76	106.60	

National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012

Florida - 2005

Estimated Completeness Summary

Intrim Completeness Estimates Adjusted for Reference Mortality					
Whites		Blacks		Race Proportional	
Percent Complete	Population	Percent Complete	Population	Percent Complete	Population
106.60	14,421,437	96.22	2,838,293	104.89	17,259,730

Final Completeness Estimates Adjusted for Reference Mortality and Duplicate Records			
Total Incident Cases	1024.50	Adjusted Total Incident Cases	1024.50
Race Proportional Completeness, Adjusted for Reference Mortality	104.89	Expected Incident Cases	97674
%Unresolved Duplicates*	0.00	Final Completeness Estimates, Adjusted for Reference Mortality and Duplicate Records	104.89

\* 0.00 indicates all duplicates are resolved.



# 2012 - Submission Summary Report (SSR2) National Program of Cancer Registries Cancer Surveillance System (National Data Quality)

Florida



Department of Health and Human Services  
Centers for Disease Control and Prevention  
Safer • Healthier • People

# National Program of Cancer Registries - Cancer Surveillance System

## SSR2 - Submission Summary Report - 2012

### Florida

Table 1: Submission Summary

Diagnosis Year	Record Status					
	Records Received	Non-reportable Records	Reportable Records	Invasive Records*	In Situ Records	Benign Brain Records
2009	113249	0	113249	102873	7050	3326
2008	116803	0	116803	106141	7401	3261
2007	115175	0	115175	104681	7388	3106
2006	112753	0	112753	102801	6733	3219
2005	112219	0	112219	102450	6526	3243
<= 2004 **	1025305	0	1025305	971902	50420	2983
Prior to NPCR Reference Year	0	0	0	0	0	
Total	1595504	0	1595504	1490848	85518	19138

\* Invasive records include in situ bladder.

\*\* Includes all submitted records from the NPCR reference year through 2004.

Submission Date: November 30, 2011

NAACCR Record Version: 121

NPCR Reference Year: 1995

Years Submitted: 1995-2010



# National Program of Cancer Registries - Cancer Surveillance System

## SSR2 - Submission Summary Report - 2012

Florida

Table 2a: Number and Percentage Core Single and Inter-field Errors

Edit Name	2009		2008		2007		2006		2005		Comment
	n	%	n	%	n	%	n	%	n	%	
Total Records with Core Single and Inter-field Errors	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
Total Core Single and Inter-field Errors	0	-	0	-	0	-	0	-	0	-	
Total NPCR-Reportable Records	113249	-	116803	-	115175	-	112753	-	112219	-	

The percentage of records with core errors is based on NPCR Reportable Records.

- Percentage not calculated.

National Program of Cancer Registries - Cancer Surveillance System

SSR2 - Submission Summary Report - 2012

Florida

Table 2b: Number and Percentage Advanced Single and Inter-field Errors

Edit Name	2009		2008		2007		2006		2005		Comment
	n	%	n	%	n	%	n	%	n	%	
Total Records with Advanced Single and Inter-field Errors	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
Total Advanced Single and Inter-field Errors	0	-	0	-	0	-	0	-	0	-	
Total NPCR-Reportable Records	113249	-	116803	-	115175	-	112753	-	112219	-	

The percentage of records with advanced errors is based on NPCR Reportable Records.

- Percentage not calculated.

Table 2c: Core Inter-Record Edit Errors by Error Type Among Individuals with Multiple Primaries ( 1995 - 2008 )\*

Edit name**	Number	Percentage	Comment
Total Number of Core Inter-Record Edit Errors	0	N/A	
Total Number and Percentage of Patients with Core Inter-record Edit Errors	0	0.00	

N/A: Not Applicable.

All Core Inter-Record edit errors that occur within a record are listed individually.

\* N = 161874 represents the number of patients with two or more diagnoses of primary cancer.

\*\* Total patient count and total error count may not add up since a patient could have multiple errors. The percentage of individuals with Core Inter-Record errors is the number of individuals with at least one core error divided by the total number of individuals with multiple primaries.

National Program of Cancer Registries - Cancer Surveillance System

SSR2 - Submission Summary Report - 2012

Florida

Table 2d: Advanced Inter-Record Edit Errors by Error Type Among Individuals with Multiple Primaries ( 1995 - 2008 )\*

Edit name**	Number	Percentage	Comment
Total Number of Advanced Inter-Record Edit Errors	0	N/A	
Total Number and Percentage of Patients with Advanced Inter-record Edit Errors	0	0.00	

N/A: Not Applicable.

All Advanced Inter-Record edit errors that occur within a record are listed individually.

\* N = 161874 represents the number of patients with two or more diagnoses of primary cancer.

\*\* Total patient count and total error count may not add up since a patient could have multiple errors. The percentage of individuals with Advanced Inter-Record errors is the number of individuals with at least one advanced error divided by the total number of individuals with multiple primaries.



# National Program of Cancer Registries - Cancer Surveillance System

## SSR2 - Submission Summary Report - 2012

### Florida

Table 3 : Percentage of Over-Ride Flagged Fields -- Grouped by Edit Name and Diagnosis Year

OVER-RIDE FLAG NAME													
Age/Site/ Morph [1990]	SeqNo/ DxConf [2000]	Site/Lat/ SeqNo [2010]	Site/Type [2030]	Histology [2040]	Report Source [2050]	Ill-define Site [2060]	Leuk, Lymphoma [2070]	Site/ Behavior [2071]	Site/Lat/ Morph [2074]				
ASSOCIATED EDIT NAME													
Diagnosis Year	Age, Primary Site, Morphology (NAACCR IF15)	Diagnostic Confirm, Seq Num-Central (SEER IF23)	Site/Histology/ Laterality/ Sequence Number (IR09)	Primary Site, Morphology -Type Check (SEER IF25)	1 = Morphology- Type&Behavior (SEER MORPH)	2 = Diagnostic Confirmation, Behavior Code (SEER IF31)	3 = Both 1 and 2 Apply	Type of Report Src(DC),Seq Num-Central (SEER IF04)	Seq Num-- Central, Primary Site, Morph (SEER IF22)	Diagnostic Confirmation, Histologic Type (SEER IF46)	Primary Site, Behavior Code (SEER IF39)	Laterality, Primary Site, Morphology (SEER IF42)	Percentage of Records with Over-Ride flags*
2009	0.06	0.80	0.15	0.67	0.66	0.00	0.00	0.02	0.81	0.00	0.00	0.00	3.18
2008	0.10	0.74	0.18	0.64	0.56	0.00	0.00	0.04	0.70	0.00	0.00	0.00	2.96
2007	0.10	0.71	0.21	0.65	0.17	0.00	0.00	0.03	0.74	0.00	0.00	0.00	2.62
2006	0.10	0.71	0.18	0.91	0.10	0.00	0.00	0.05	0.72	0.01	0.00	0.00	2.78
2005	0.10	0.79	0.17	1.29	0.09	0.00	0.00	0.05	0.73	0.05	0.00	0.00	3.27
SEER OVER-RIDE FLAG QUALITY MEASURES**													
	0.16	0.93	0.38	1.32	0.23	0.02	0.02	0.12	0.40	0.04	0.06	0.07	

The number of records used for this table are from the NPCR Reportable Records in Table 1.

\* To determine the percent of records with over-ride flags, multiple flags within a record are counted as one record regardless of the number of flags.

\*\* Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 13 Regs Research Data, Nov 2011 Sub (1973-2009) - National Cancer Institute, DCCPS, Surveillance Research Program, Cancer Statistics Branch, released April 2012, based on the November 2011 submission.

National Program of Cancer Registries - Cancer Surveillance System

SSR2 - Submission Summary Report - 2011

Florida

Table 4: Median Percentage of Over-Ride Flags for All 2012 NPCR Data Submissions

OVER-RIDE FLAG NAME														
DX Year	Statistic	Age/Site/ Morph	SeqNo/ DxConf	Site/Lat/ SeqNo	Site/Type	Histology			Report Source	Ill-define Site	Leuk, Lymphoma	Site/ Behavior	Site/Lat/ Morph	Percentage of Total Records with Over-Ride Flags
						1 = SEER Morph	2 = SEER IF31	3 = Both 1 and 2						
Item Number														
		[1990]	[2000]	[2010]	[2030]	[2040]			[2050]	[2060]	[2070]	[2071]	[2074]	
2009	Median	0.07	0.73	0.09	1.15	0.03	0.00	0.02	0.05	0.37	0.01	0.01	0.00	2.36
	Range	0.00-0.45	0.11-5.26	0.00-1.55	0.67-3.27	0.00-0.66	0.00-0.06	0.00-0.17	0.00-1.68	0.17-1.71	0.00-0.06	0.00-0.19	0.00-0.11	1.77-7.33
2008	Median	0.18	1.48	0.21	2.32	0.08	0.00	0.05	0.11	0.79	0.02	0.02	0.01	2.61
	Range	0.00-0.68	0.27-8.82	0.00-2.80	1.09-6.66	0.00-1.22	0.00-0.10	0.00-0.42	0.00-3.40	0.37-3.44	0.00-0.17	0.00-0.28	0.00-0.25	1.48-5.61
2007	Median	0.33	2.28	0.33	3.42	0.13	0.00	0.07	0.16	1.22	0.03	0.03	0.01	2.64
	Range	0.04-0.96	0.51-12.61	0.03-4.27	1.73-9.77	0.00-1.75	0.00-0.19	0.00-0.83	0.00-5.23	0.56-5.24	0.00-0.27	0.00-0.38	0.00-0.58	1.50-5.81
2006	Median	0.46	3.05	0.41	4.49	0.18	0.00	0.09	0.21	1.64	0.04	0.04	0.02	2.52
	Range	0.06-1.36	0.67-17.59	0.03-7.55	2.38-12.96	0.00-2.38	0.00-0.32	0.00-1.15	0.00-7.66	0.76-7.16	0.00-0.60	0.00-0.51	0.00-0.76	1.66-7.49
2005	Median	0.59	3.76	0.50	5.64	0.24	0.00	0.12	0.25	2.04	0.05	0.06	0.03	2.68
	Range	0.10-1.70	0.81-23.64	0.03-9.17	3.03-15.77	0.00-3.20	0.00-0.45	0.00-1.78	0.00-11.33	0.88-9.07	0.00-0.83	0.00-0.72	0.00-1.04	1.67-7.79

To Calculate the Total Records with Over-Ride Flags, multiple flags within a record are counted as one record. Only 24-month data from the most recent 5 years of data are displayed.



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## **2012 - Data Quality Indicator Report (DQI) National Program of Cancer Registries Cancer Surveillance System (National Data Quality)**

**Florida**



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**Department of Health and Human Services  
Centers for Disease Control and Prevention  
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# National Program of Cancer Registries - Cancer Surveillance System

## DQI - Data Quality Indicator Report - 2012

### Florida

Table 1: Core Cancer Surveillance Data

Data Quality Indicator* \ Diagnosis Year	2005		2006		2007		2008		2009		NPCR	SEER
	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	2005-2009	Median(Range)**
<b>Demographics</b>												
<b>County at Diagnosis [90]</b>												
Blank	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)
Unknown (999)	0.00	0.01(0.00 - 0.69)	0.00	0.02(0.00 - 0.62)	0.00	0.03(0.00 - 1.09)	0.00	0.02(0.00 - 1.76)	0.00	0.06(0.00 - 4.06)	0.02(0.00 - 4.06)	0.00(0.00 - 1.19)
County Recode (000)	0.00	0.00(0.00 - 99.97)	0.00	0.00(0.00 - 99.97)	0.00	0.00(0.00 - 99.91)	0.00	0.00(0.00 - 99.76)	0.00	0.00(0.00 - 99.42)	0.00(0.00 - 99.97)	0.00(0.00 - 0.00)
<b>Spanish/Hispanic Origin [190]</b>												
Blank	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)
Unknown (9)	0.67	3.11(0.00 - 25.48)	0.55	3.06(0.00 - 24.83)	0.64	2.82(0.00 - 23.86)	0.76	3.04(0.00 - 32.36)	0.59	3.16(0.00 - 21.10)	3.05(0.00 - 32.36)	1.24(0.00 - 8.61)
<b>NHIA Derived Hisp Origin [191]</b>												
Blank	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)
Invalid (9)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)
<b>Birthplace [250]</b>												
Not in US but NOS (998)	0.08	0.05(0.00 - 1.85)	0.05	0.03(0.00 - 0.87)	0.05	0.03(0.00 - 1.57)	0.06	0.03(0.00 - 2.38)	0.10	0.03(0.00 - 2.05)	0.03(0.00 - 2.36)	0.08(0.00 - 4.06)
Unknown (999, Blank)	58.52	56.57(8.84 - 81.25)	57.96	56.79(10.47 - 83.23)	58.61	56.53(14.22 - 87.91)	59.20	60.58(30.95 - 86.18)	59.42	66.40(32.13 - 87.38)	59.55(6.84 - 87.91)	47.69(3.91 - 72.21)
<b>Tumor Characteristics</b>												
<b>Sequence Number-Central [380]</b>												
Two or more (01 - 35)	25.46	22.02(14.84 - 25.61)	24.06	21.40(14.93 - 26.15)	23.05	21.16(15.00 - 26.26)	22.32	20.56(14.46 - 24.38)	21.58	20.29(7.90 - 24.22)	20.88(7.90 - 26.26)	21.51(15.13 - 27.77)
Unspecified (99)	0.00	0.00(0.00 - 0.26)	0.00	0.00(0.00 - 1.30)	0.00	0.00(0.00 - 0.01)	0.00	0.00(0.00 - 0.01)	0.00	0.00(0.00 - 0.01)	0.00(0.00 - 1.30)	0.00(0.00 - 0.07)
<b>Date of Diagnosis [390]</b>												
Month (blank)	0.03	0.25(0.00 - 3.05)	0.03	0.23(0.00 - 2.01)	0.04	0.16(0.00 - 2.55)	0.03	0.22(0.00 - 2.46)	0.02	0.18(0.00 - 2.20)	0.19(0.00 - 3.05)	0.00(0.00 - 0.00)
<b>Topography [400]</b>												
Other/Ill Defined Sites (C76.0 - C76.8)	0.05	0.09(0.00 - 0.30)	0.04	0.10(0.04 - 0.20)	0.05	0.09(0.04 - 0.28)	0.07	0.11(0.03 - 0.24)	0.07	0.10(0.04 - 0.20)	0.10(0.00 - 0.30)	0.08(0.00 - 0.56)
Unknown Primary Site (C80.9)	2.63	2.08(0.93 - 3.07)	2.53	2.07(1.16 - 2.89)	2.51	1.93(1.20 - 2.83)	2.31	1.95(1.10 - 2.94)	2.48	2.02(1.18 - 2.97)	2.00(0.93 - 3.07)	1.66(0.87 - 2.52)
<b>Morphology [420]</b>												
Non-specific Neoplasms (8000 - 8005)	5.46	3.45(1.40 - 7.30)	5.26	3.52(1.47 - 7.20)	5.09	3.41(1.32 - 7.56)	5.09	3.51(1.36 - 6.93)	4.64	3.35(1.80 - 6.89)	3.44(1.32 - 7.56)	2.48(1.46 - 6.72)
<b>Diagnostic Confirmation [490] excludes DCO</b>												
Not Microscopically Confirmed (5, 6, 7, 8)	3.59	3.63(0.00 - 6.36)	3.49	3.78(0.00 - 6.31)	3.43	3.76(0.00 - 6.32)	3.34	3.78(0.00 - 6.41)	3.49	3.82(0.00 - 5.56)	3.78(0.00 - 6.41)	3.48(2.36 - 7.00)
Unknown (9) and Blank	0.42	1.18(0.00 - 6.29)	0.39	0.92(0.00 - 3.94)	0.55	0.82(0.00 - 3.23)	0.37	0.79(0.01 - 4.00)	0.35	0.50(0.00 - 3.91)	0.85(0.00 - 6.29)	0.50(0.00 - 2.31)
<b>Tumor Miscellaneous</b>												
Grade [440] (9, blank) excludes DCO, C80.9	35.70	33.94(25.10 - 38.81)	34.71	33.05(25.05 - 38.27)	34.54	33.03(25.31 - 38.06)	34.49	33.45(26.70 - 40.01)	34.33	33.33(27.99 - 41.78)	33.48(25.05 - 41.78)	33.81(27.23 - 38.75)
Laterality [410] paired organs only	0.20	0.12(0.00 - 1.92)	0.17	0.12(0.00 - 1.32)	0.15	0.11(0.00 - 1.18)	0.18	0.10(0.00 - 0.57)	0.19	0.09(0.02 - 1.08)	0.11(0.00 - 1.92)	0.14(0.00 - 1.77)
Only 1 side and site NOS (3)	2.85	2.53(1.21 - 4.76)	2.66	2.50(1.17 - 4.90)	2.38	2.36(0.88 - 5.47)	2.51	2.32(1.34 - 4.50)	2.13	2.21(0.81 - 6.24)	2.36(0.81 - 6.24)	1.68(0.42 - 3.25)
Unknown (9, blank)												
<b>Summary Stage</b>												
<b>Derived Summary Stage 2000 [3020]</b>												
Unknown/Unstaged (9)	10.35	5.42(3.08 - 29.94)	9.69	5.01(2.60 - 30.27)	8.83	4.77(2.41 - 29.52)	8.13	4.14(1.99 - 27.81)	7.40	4.01(2.35 - 31.38)	4.81(1.99 - 31.38)	2.84(1.36 - 7.44)
Blank	0.00	0.00(0.00 - 0.44)	0.00	0.00(0.00 - 0.51)	0.00	0.00(0.00 - 0.31)	0.00	0.00(0.00 - 0.26)	0.00	0.00(0.00 - 0.37)	0.00(0.00 - 0.51)	0.00(0.00 - 0.00)
<b>First Course Treatment</b>												
<b>RX Summ Surg Prim Site [1290]</b>												
Blank	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)
Surgery, NOS (90)	1.00	0.53(0.11 - 5.39)	0.91	0.46(0.11 - 3.80)	0.78	0.40(0.08 - 3.33)	0.74	0.39(0.12 - 3.58)	0.71	0.39(0.07 - 3.89)	0.43(0.07 - 5.39)	0.20(0.00 - 2.06)
Unknown (99)	4.34	3.47(0.08 - 36.24)	4.36	3.77(0.85 - 35.46)	3.70	3.57(0.69 - 34.19)	3.91	3.45(0.44 - 32.95)	2.95	3.03(0.52 - 37.35)	3.50(0.08 - 37.35)	1.28(0.44 - 5.93)
Blank and Unknown Combined	4.34	3.47(0.08 - 36.24)	4.36	3.77(0.85 - 35.46)	3.70	3.57(0.69 - 34.19)	3.91	3.45(0.44 - 32.95)	2.95	3.03(0.52 - 37.35)	3.50(0.08 - 37.35)	1.28(0.44 - 5.93)



# National Program of Cancer Registries - Cancer Surveillance System

## DQI - Data Quality Indicator Report - 2012

### Florida

Table 1: Core Cancer Surveillance Data

Data Quality Indicator* \ Diagnosis Year	2005		2006		2007		2008		2009		NPCR		SEER	
	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	2005-2009 Median(Range)	2005-2009	Median(Range)**	2005-2009
<b>RX Summ Scope Reg LN Sur [1292]</b>														
Blank	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)		0.00(0.00 - 0.00)	
Unknown (9)	17.39	15.99(12.76 - 43.50)	16.84	16.48(12.79 - 42.93)	16.56	16.05(12.54 - 41.64)	16.32	15.70(12.19 - 40.56)	15.72	15.90(11.59 - 44.49)	16.01(11.59 - 44.49)		28.57(23.79 - 32.53)	
Blank and Unknown Combined	17.39	15.99(12.76 - 43.50)	16.84	16.48(12.79 - 42.93)	16.56	16.05(12.54 - 41.64)	16.32	15.70(12.19 - 40.56)	15.72	15.90(11.59 - 44.49)	16.01(11.59 - 44.49)		28.57(23.79 - 32.53)	
<b>RX Summ Surg Oth Reg/Dis [1294]</b>														
Blank	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.00)		0.00(0.00 - 0.00)	
Unknown (9)	3.64	3.70(0.67 - 42.19)	3.39	3.70(0.95 - 41.40)	3.32	3.97(0.88 - 40.22)	3.65	3.91(0.76 - 39.07)	3.01	3.60(1.06 - 43.10)	3.76(0.67 - 43.10)		1.32(0.52 - 9.89)	
Blank and Unknown Combined	3.64	3.70(0.67 - 42.19)	3.39	3.70(0.95 - 41.40)	3.32	3.97(0.88 - 40.22)	3.65	3.91(0.76 - 39.07)	3.01	3.60(1.06 - 43.10)	3.76(0.67 - 43.10)		1.32(0.52 - 9.89)	
<b>Reason for No Surgery [1340]</b>														
Blank	0.00	0.02(0.00 - 11.80)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 11.80)		0.00(0.00 - 0.00)	
Unknown (9)	4.36	6.58(1.36 - 36.69)	4.37	7.27(0.96 - 35.83)	3.73	7.36(0.94 - 34.45)	3.93	6.97(1.03 - 33.32)	2.95	6.58(1.19 - 37.80)	7.05(0.94 - 37.80)		1.42(0.48 - 5.76)	
Blank and Unknown Combined	4.36	7.15(1.36 - 36.69)	4.37	7.27(0.96 - 35.83)	3.73	7.36(0.94 - 34.45)	3.93	6.97(1.03 - 33.32)	2.95	6.58(1.19 - 37.80)	7.11(0.94 - 37.80)		1.42(0.48 - 5.76)	
<b>RX Summ Radiation [1360]</b>														
Blank	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00(0.00 - 100.00)		0.00(0.00 - 0.00)	
Unknown (9)	3.29	2.60(0.00 - 42.56)	3.11	2.83(0.00 - 41.76)	2.97	2.62(0.00 - 40.47)	3.25	2.72(0.00 - 39.37)	2.55	2.64(0.00 - 43.43)	2.71(0.00 - 43.43)		1.20(0.24 - 10.65)	
Blank and Unknown Combined	3.29	3.30(0.07 - 100.00)	3.11	3.41(0.14 - 100.00)	2.97	3.73(0.17 - 100.00)	3.25	3.84(0.45 - 100.00)	2.55	3.31(0.46 - 100.00)	3.52(0.07 - 100.00)		1.20(0.24 - 10.65)	
<b>RX Summ Surg/Rad Seq [1380]</b>														
Blank	100.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)		0.00(0.00 - 0.00)	
Unknown (9)	0.00	0.28(0.00 - 40.75)	0.23	0.26(0.00 - 39.69)	0.25	0.17(0.00 - 38.91)	0.24	0.17(0.00 - 37.59)	0.21	0.13(0.00 - 40.93)	0.18(0.00 - 40.93)		0.03(0.00 - 1.26)	
Blank and Unknown Combined	100.00	0.43(0.00 - 100.00)	0.23	0.26(0.00 - 39.69)	0.25	0.17(0.00 - 38.91)	0.24	0.17(0.00 - 37.59)	0.21	0.13(0.00 - 40.93)	0.21(0.00 - 100.00)		0.03(0.00 - 1.26)	
<b>RX Summ Chemo [1390]</b>														
Blank	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)		N/A	
Unknown (99)	6.13	6.04(0.00 - 55.46)	5.49	5.72(1.22 - 51.50)	4.74	5.51(0.69 - 42.21)	4.63	5.15(1.11 - 39.40)	2.76	3.50(1.04 - 43.18)	5.15(0.00 - 55.46)		N/A	
Blank and Unknown Combined	6.13	6.49(0.86 - 100.00)	5.49	5.72(1.22 - 51.50)	4.74	5.51(0.69 - 42.21)	4.63	5.15(1.11 - 39.40)	2.76	3.50(1.04 - 43.18)	5.30(0.69 - 100.00)		N/A	
<b>RX Summ Hormone [1400]</b>														
Blank	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)		N/A	
Unknown (99)	6.67	6.21(0.00 - 70.04)	6.03	5.93(0.69 - 100.00)	5.36	6.08(0.82 - 100.00)	5.42	5.35(1.03 - 100.00)	2.64	3.77(0.81 - 43.13)	5.58(0.00 - 100.00)		N/A	
Blank and Unknown Combined	6.67	6.45(0.82 - 100.00)	6.03	5.93(0.69 - 100.00)	5.36	6.08(0.82 - 100.00)	5.42	5.35(1.03 - 100.00)	2.64	3.77(0.81 - 43.13)	5.61(0.62 - 100.00)		N/A	
<b>RX Summ BRM [1410]</b>														
Blank	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)		N/A	
Unknown (99)	6.68	6.25(0.00 - 82.62)	5.96	5.94(0.57 - 100.00)	5.13	5.48(0.78 - 100.00)	5.27	4.91(0.56 - 100.00)	2.56	3.26(0.46 - 43.08)	5.05(0.00 - 100.00)		N/A	
Blank and Unknown Combined	6.68	6.67(0.35 - 100.00)	5.96	5.94(0.57 - 100.00)	5.13	5.48(0.78 - 100.00)	5.27	4.91(0.56 - 100.00)	2.56	3.26(0.46 - 43.08)	5.19(0.35 - 100.00)		N/A	
<b>RX Summ Other [1420]</b>														
Blank	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)		N/A	
Unknown (9)	7.00	7.13(0.00 - 82.15)	6.13	6.37(0.49 - 100.00)	5.32	5.99(0.78 - 100.00)	5.63	5.29(0.60 - 100.00)	2.55	3.27(0.46 - 43.06)	5.44(0.00 - 100.00)		N/A	
Blank and Unknown Combined	7.00	7.83(0.08 - 100.00)	6.13	6.37(0.49 - 100.00)	5.32	5.99(0.78 - 100.00)	5.63	5.29(0.60 - 100.00)	2.55	3.27(0.46 - 43.06)	5.57(0.08 - 100.00)		N/A	
<b>First Course Calc Method [1500]</b>														
Blank	0.00	0.00(0.00 - 0.06)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.06)		N/A	
Unknown (9)	0.00	0.00(0.00 - 40.31)	0.00	0.00(0.00 - 14.65)	0.00	0.00(0.00 - 12.46)	0.00	0.00(0.00 - 12.67)	0.00	0.00(0.00 - 12.17)	0.00(0.00 - 40.31)		N/A	
Blank and Unknown Combined	0.00	0.00(0.00 - 40.31)	0.00	0.00(0.00 - 14.65)	0.00	0.00(0.00 - 12.46)	0.00	0.00(0.00 - 12.67)	0.00	0.00(0.00 - 12.17)	0.00(0.00 - 40.31)		N/A	
<b>Rad Regional RX Modality [1570]</b>														
Blank	100.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)		N/A	
Other, NOS (98)	0.00	0.16(0.00 - 1.61)	0.19	0.15(0.00 - 1.89)	0.15	0.16(0.00 - 3.39)	0.19	0.18(0.00 - 1.29)	0.16	0.17(0.00 - 0.99)	0.16(0.00 - 3.39)		N/A	
Unknown (99)	0.00	2.86(0.00 - 86.48)	3.11	3.43(0.88 - 100.00)	2.97	3.13(0.75 - 100.00)	3.25	3.54(0.74 - 39.17)	2.55	3.55(1.07 - 43.18)	3.31(0.00 - 100.00)		N/A	



# National Program of Cancer Registries - Cancer Surveillance System

## DQI - Data Quality Indicator Report - 2012

Florida

Table 1: Core Cancer Surveillance Data

Data Quality Indicator* \ Diagnosis Year	2005		2006		2007		2008		2009		NPCR Median(Range) 2005-2009	SEER Median(Range)** 2005-2009
	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)		
Blank and Unknown Combined	100.00	3.12(0.12 - 100.00)	3.11	3.43(0.88 - 100.00)	2.97	3.13(0.75 - 100.00)	3.25	3.54(0.74 - 39.17)	2.55	3.55(1.07 - 43.18)	3.42(0.12 - 100.00)	N/A
<b>RX Summ Systemic/Sur Seq [1639]</b>												
Blank	0.00	77.71(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)	N/A
Unknown (9)	14.35	0.58(0.00 - 98.12)	0.26	0.76(0.00 - 97.86)	0.26	0.59(0.00 - 98.44)	0.26	0.29(0.00 - 98.11)	0.23	0.23(0.00 - 97.44)	0.44(0.00 - 98.44)	N/A
Blank and Unknown Combined	14.35	80.63(0.20 - 100.00)	0.26	0.76(0.00 - 97.86)	0.26	0.59(0.00 - 98.44)	0.26	0.29(0.00 - 98.11)	0.23	0.23(0.00 - 97.44)	0.83(0.00 - 100.00)	N/A
<b>RX Summ Transplant/Endocr [3250]</b>												
Blank	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 100.00)	N/A
Unknown (99)	6.69	7.17(0.00 - 97.11)	5.91	6.19(0.77 - 100.00)	5.10	5.49(0.74 - 100.00)	5.26	4.79(0.50 - 100.00)	2.57	3.33(0.39 - 43.05)	5.18(0.00 - 100.00)	N/A
Blank and Unknown Combined	6.69	6.04(0.90 - 100.00)	5.91	6.19(0.77 - 100.00)	5.10	5.49(0.74 - 100.00)	5.26	4.79(0.50 - 100.00)	2.57	3.33(0.39 - 43.05)	5.19(0.39 - 100.00)	N/A
<b>Over-Ride Usage***</b>												
<b>Over-Ride Age/Site/Morph [1990]</b>												
Overused	0.12	0.16(0.05 - 0.43)	0.12	0.16(0.03 - 0.47)	0.13	0.18(0.04 - 0.32)	0.12	0.13(0.00 - 0.30)	0.08	0.09(0.00 - 0.50)	0.14(0.00 - 0.50)	N/A
<b>Over-Ride SeqNo/DxConf [2000]</b>												
Overused	0.93	0.85(0.17 - 5.93)	0.84	0.90(0.18 - 5.86)	0.84	0.98(0.28 - 4.46)	0.90	0.94(0.18 - 4.33)	0.96	0.86(0.13 - 6.37)	0.91(0.13 - 6.37)	N/A
<b>Over-Ride Site/Lat/SeqNo [2010]</b>												
Overused	0.08	0.03(0.00 - 1.60)	0.09	0.02(0.00 - 3.08)	0.08	0.03(0.00 - 1.39)	0.08	0.03(0.00 - 1.30)	0.08	0.02(0.00 - 1.60)	0.02(0.00 - 3.08)	N/A
<b>Over-Ride Site/Type [2030]</b>												
Overused	1.04	1.18(0.72 - 3.32)	0.70	1.13(0.70 - 3.81)	0.63	1.14(0.63 - 3.65)	0.71	1.23(0.37 - 3.94)	0.73	1.22(0.73 - 3.88)	1.17(0.37 - 3.94)	N/A
<b>Over-Ride Histology [2040]</b>												
1 = Morphology--Type & Behavior (SEER MORPH)	0.03	0.05(0.00 - 0.51)	0.07	0.05(0.00 - 0.47)	0.15	0.06(0.00 - 0.61)	0.61	0.06(0.00 - 0.61)	0.73	0.03(0.00 - 0.73)	0.05(0.00 - 0.73)	N/A
2 = Diagnostic Confirmation, Behavior Code (SEER IF31)	0.00	0.00(0.00 - 0.04)	0.00	0.00(0.00 - 0.05)	0.00	0.00(0.00 - 0.03)	0.00	0.00(0.00 - 0.03)	0.00	0.00(0.00 - 0.05)	0.00(0.00 - 0.05)	N/A
3 = Both 1 and 2 Apply	0.00	0.02(0.00 - 0.52)	0.00	0.02(0.00 - 0.24)	0.00	0.02(0.00 - 0.34)	0.00	0.04(0.00 - 0.26)	0.00	0.03(0.00 - 0.14)	0.02(0.00 - 0.52)	N/A
<b>Over-Ride Report Source [2050]</b>												
Overused	0.00	0.04(0.00 - 4.27)	0.00	0.04(0.00 - 2.84)	0.00	0.06(0.00 - 2.09)	0.00	0.06(0.00 - 2.15)	0.00	0.06(0.00 - 1.99)	0.05(0.00 - 4.27)	N/A
<b>Over-Ride Ill-defined Site [2060]</b>												
Overused	0.92	0.49(0.15 - 2.44)	0.91	0.52(0.25 - 2.43)	0.93	0.55(0.24 - 2.30)	0.89	0.54(0.25 - 2.23)	1.03	0.47(0.22 - 2.23)	0.52(0.15 - 2.44)	N/A
<b>Over-Ride Leuk, Lymphoma [2070]</b>												
Overused	0.06	0.02(0.00 - 0.29)	0.01	0.02(0.00 - 0.42)	0.00	0.02(0.00 - 0.13)	0.00	0.01(0.00 - 0.14)	0.01	0.01(0.00 - 0.08)	0.02(0.00 - 0.42)	N/A
<b>Over-Ride Site/Behavior [2071]</b>												
Overused	0.00	0.01(0.00 - 0.20)	0.00	0.01(0.00 - 0.12)	0.00	0.01(0.00 - 0.07)	0.00	0.00(0.00 - 0.08)	0.00	0.00(0.00 - 0.19)	0.00(0.00 - 0.20)	N/A
<b>Over-Ride Site/Lat/Morph [2074]</b>												
Overused	0.00	0.01(0.00 - 0.29)	0.00	0.00(0.00 - 0.18)	0.00	0.00(0.00 - 0.24)	0.00	0.00(0.00 - 0.12)	0.00	0.00(0.00 - 0.10)	0.00(0.00 - 0.29)	N/A

N/A: not applicable for the diagnosis year.

\* For quality review only, no NPCR standards at this time. DQI expressed as percent of all invasive cancers and in situ bladder cancers, except as noted.

\*\* Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 13 Regs Public-Use, Nov

2011 Sub (1973-2009) - National Cancer Institute, DCCPS, Surveillance Research Program,

Cancer Statistics Branch, released April 2012, based on the November 2011 submission. Some percentages are based on recoded values.

NAACCR data item numbers are noted with square brackets "]" and codes with parentheses "(").

\*\*\* An override flag is deemed as overused if the record still passes the relevant edit after removing the override flag.

# National Program of Cancer Registries - Cancer Surveillance System

## DQI - Data Quality Indicator Report - 2012

### Florida

Table 2: Advanced Cancer Surveillance Data

Table 2: Advanced Cancer Surveillance Data													
Data Quality Indicator* \ Diagnosis Year	2005		2006		2007		2008		2009		NPCR Median(Range)	SEER Median(Range)**	
	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	FL	NPCR Median(Range)	2005-2009		
	Substate Geography												
Census Tract 2000 [130]													
Not Tracked (000000)	0.00	0.00(0.00 - 99.22)	0.00	0.00(0.00 - 98.80)	0.00	0.00(0.00 - 98.21)	0.00	0.00(0.00 - 89.96)	0.01	0.01(0.00 - 73.02)	0.00(0.00 - 99.22)	N/A	
Tracked, but Not Available (999999)	0.00	0.04(0.00 - 100.00)	0.00	0.02(0.00 - 100.00)	0.00	0.04(0.00 - 100.00)	0.00	0.03(0.00 - 100.00)	0.00	0.03(0.00 - 100.00)	0.03(0.00 - 100.00)	N/A	
Blank	4.27	0.11(0.00 - 100.00)	4.13	0.22(0.00 - 100.00)	4.07	0.17(0.00 - 100.00)	3.69	0.34(0.00 - 100.00)	5.55	2.65(0.00 - 100.00)	0.24(0.00 - 100.00)	N/A	
Invalid Codes	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.01)	0.00(0.00 - 0.01)	N/A	
Follow-Up, Vital Status and Cause of Death													
Date of Last Contact [1750] decedents only													
Year (invalid)	0.00	0.00(0.00 - 0.00)	0.00	0.00(0.00 - 0.03)	0.00	0.00(0.00 - 0.04)	0.00	0.00(0.00 - 0.01)	0.00	0.00(0.00 - 0.07)	0.00(0.00 - 0.07)	N/A	
Year (blank)	0.00	0.00(0.00 - 12.94)	0.00	0.00(0.00 - 5.85)	0.00	0.00(0.00 - 3.73)	0.00	0.00(0.00 - 1.03)	0.00	0.00(0.00 - 0.23)	0.00(0.00 - 12.94)	N/A	
Vital Status [1760] (blank)													
Blank	0.00	0.00(0.00 - 0.01)	0.00	0.00(0.00 - 0.01)	0.00	0.00(0.00 - 0.02)	0.00	0.00(0.00 - 0.01)	0.00	0.00(0.00 - 0.00)	0.00(0.00 - 0.02)	N/A	
Follow-Up Source [1790]													
Blank	100.00	11.86(0.00 - 100.00)	100.00	10.15(0.00 - 100.00)	100.00	7.20(0.00 - 100.00)	100.00	8.04(0.00 - 100.00)	100.00	7.87(0.00 - 100.00)	8.05(0.00 - 100.00)	N/A	
Unknown (9)	0.00	0.91(0.00 - 100.00)	0.00	0.77(0.00 - 100.00)	0.00	1.33(0.00 - 100.00)	0.00	2.03(0.00 - 100.00)	0.00	2.90(0.00 - 100.00)	1.37(0.00 - 100.00)	N/A	
Follow-Up Source Central [1791]													
Blank	0.00	46.77(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00	0.00(0.00 - 100.00)	0.00(0.00 - 100.00)	N/A	
Unknown (99)	0.00	0.00(0.00 - 6.10)	0.00	0.02(0.00 - 43.97)	0.00	0.01(0.00 - 65.06)	0.00	0.01(0.00 - 73.17)	0.00	0.01(0.00 - 85.72)	0.01(0.00 - 85.72)	N/A	
Cause of Death [1910] decedents only													
Blank	0.00	0.00(0.00 - 0.89)	0.00	0.00(0.00 - 0.53)	0.00	0.00(0.00 - 0.86)	0.00	0.00(0.00 - 7.36)	0.00	0.00(0.00 - 56.05)	0.00(0.00 - 56.05)	N/A	
Death Cert. Avail., But No COD (7197)	0.01	0.54(0.00 - 100.00)	0.00	0.34(0.00 - 100.00)	0.00	0.53(0.00 - 100.00)	0.00	1.29(0.00 - 100.00)	0.00	2.04(0.00 - 100.00)	0.88(0.00 - 100.00)	N/A	
Death Certificate Not Available (7777)	0.07	3.69(0.00 - 55.94)	0.00	3.92(0.00 - 48.48)	0.00	4.01(0.00 - 81.03)	0.00	6.66(0.00 - 70.34)	0.00	20.38(0.00 - 89.91)	5.20(0.00 - 89.91)	N/A	

N/A: not applicable for the diagnosis year.

\* For quality review only, no NPCR standards at this time. DQI expressed as percent of all invasive cancers and in situ bladder cancers, except as noted.

\*\* Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 13 Regs Public-Use, Nov

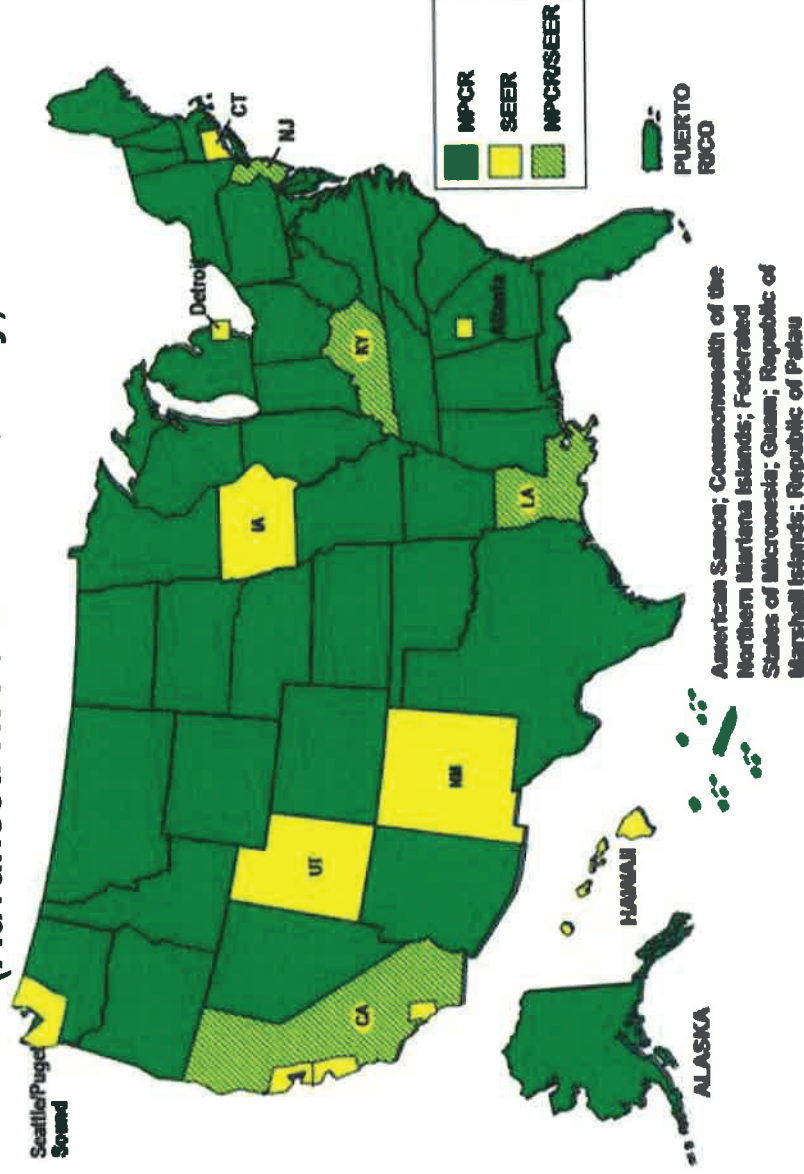
2011 Sub (1973-2009) - National Cancer Institute, DCCPS, Surveillance Research Program,

Cancer Statistics Branch, released April 2012, based on the November 2011 submission. Some percentages are based on recoded values.

NAACCR data item numbers are noted with square brackets "[]" and codes with parentheses "( )."



# 2012 Data Evaluation Reports National Program of Cancer Registries Cancer Surveillance System (Advanced National Data Quality)



Florida



Department of Health and Human Services  
Centers for Disease Control and Prevention  
Safer • Healthier • People



# Data Evaluation Reports - Florida

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## Introduction

The National Program of Cancer Registries (NPCR) provides funds to state and territorial health departments to improve or enhance existing cancer registries; plan for and implement registries where they did not exist; develop model legislation and regulations for states and territories to enhance the viability of registry operations; set standards for data completeness, timeliness, and quality; provide training for registry personnel; and help establish a computerized reporting and data-processing system.

NPCR's goals are to rapidly establish and standardize the reporting of cancer within and among the states in order to build state and national capacity to do the following: monitor the cancer burden; identify cancer incidence variation for racial and ethnic populations and for regions within a state, between states, and between regions; provide data for research; provide guidance for health resource allocation; respond to public concern and inquiries about cancer; improve planning for future health care needs; and evaluate cancer prevention and control activities.

In 2000, CDC established the NPCR-Cancer Surveillance System (NPCR-CSS) to receive, evaluate, and disseminate data from registries participating in NPCR. The NPCR-CSS is designed to provide cancer incidence data to meet CDC's public health surveillance responsibilities and to help monitor progress toward NPCR goals. Beginning January 2001, registries annually report their incidence data to CDC from their NPCR reference year forward. The "NPCR reference year" is the first diagnosis year for which a state or territorial cancer registry collected data with the assistance of NPCR funds.

Following each data submission, registries receive a NPCR- CSS Data Evaluation Report detailing the completeness, accuracy and timeliness of their data submission, as demonstrated by meeting the following 2 data quality criteria for diagnosis year 2010 for all cancer sites combined:

- **Percent Completeness Adjusted for Duplicates:** The percentage of observed to expected, unduplicated cases where the expected cases are estimated by using methods developed by the North American Association of Central Cancer Registries (NAACCR) (<http://www.naacr.org/>). DER 2012 case completeness evaluation is based on NAACCR method version 2.2.
- **Percent Passing Edits:** Edits test the validity and logic of data components. Edits are applied to single field variables, inter-field variables and to multiple records (each record denotes a case of cancer in a patient) in those instances when a patient has multiple cancer diagnoses. There are two types of edits: core edits that are applied to variables deemed necessary for reporting incidence data; and advanced edits that are applied to variables used for advanced surveillance activities such as survival analyses. At this time, it should be noted that there are no standards for advanced edits.

**How the Data Evaluation Reports are used:** This Data Evaluation Report is used to identify cancer registries whose incidence data meet this NPCR program standard. The Advanced National Data Quality is applied to diagnosis year 2010.

When reviewing the Report on Quality, Completeness and Timeliness of Data table, the criteria for the Advanced National Data Quality highlighted by a color when all relevant data quality criteria are met. CDC expects that all registries should achieve this NPCR program standard.



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**2012 - Standard Status Report (SSR1)  
National Program of Cancer Registries  
Cancer Surveillance System  
(Advanced National Data Quality)**

**Florida**



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**Department of Health and Human Services  
Centers for Disease Control and Prevention**

**Safer • Healthier • People**

**National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012**

**Florida**

**Report on Quality, Completeness and Timeliness of Data\***

NPCR Standards Grouping	Diagnosis Year**	Percent Completeness Adjusted for Duplicates*	Unresolved Duplicate Rates (per 1,000)	Percent Death Certificate Only	Percent Missing or Unknown Core Data Elements				Percent Passing Core Single and Inter-field Edits	1995-2009 Percent Passing Core Inter-record Edits***
					Age	Sex	Race	County		
Advanced National Data Quality	2010	86.72	0.00	NDC	0.00	0.02	0.66	0.00	100.00	N/A
<b>STANDARD</b>										
Advanced National Data Quality Standard		90.00	N/A	N/A	N/A	N/A	N/A	N/A	97.00	N/A
Measurement Error****		-1.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	N/A	N/A

NDC: Death Clearance Not Done

N/A: Not Applicable

\* See the Introduction section of this report for a description of the data quality criteria and evaluation methods.

\*\* Only 12 month data are presented here. Highlighted rows denote the diagnosis years for which data met program and/or publication standards. Colors correspond to the data standard met. Diagnosis years that did not meet program and/or publication standards are not highlighted.

\*\*\* Calculated as ( 1 - # of patients with a core inter-record edit error/# of patients with more than one record) x 100.

\*\*\*\* The measurement error is the error allowances for determining if data elements have met the standard.



# National Program of Cancer Registries - Cancer Surveillance System

## SSR1 - Standard Status Report - 2012

### CSS Submission Median with Range

#### Report on Quality, Completeness and Timeliness of Data -- 2012 CSS Submission Median with Range

NPCR Standards Grouping	Diagnosis Year*	Statistic	Present Completeness Adjusted for Duplicates	Unresolved Duplicate Rate (per 1,000)	Percent Death Certificate Only Cases	Percent Missing or Unknown Core Data Elements				Percent Passing Core Single and Inter-field Edits	Percent Passing Core Inter-record Edits**
						Age	Sex	Race	County		
Advanced National Data Quality	2010	Median Range	85.73 36.35 - 106.01	0.00 0.00 - 0.00	2.29 0.00 - 4.35	0.01 0.00 - 0.08	0.01 0.00 - 0.16	2.54 0.00 - 18.81	0.28 0.00 - 3.51	99.98 99.32 - 100.00	N/A
STANDARD											
Advanced National Data Quality Standard			90.00	N/A	N/A	N/A	N/A	N/A	N/A	97.00	N/A
Measurement Error***			-0.1	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	N/A	N/A

N/A: Not Applicable.

\* Only 12 month data are presented here.

\*\* Calculated as (1 - # of patients with a core inter-record edit error/# of patients with more than one record) x 100.

\*\*\* The measurement error is the error allowance for determining if data elements have met the standard.

National Program of Cancer Registries - Cancer Surveillance System

SSR1 - Standard Status Report - 2012

Estimated Completeness of Case Ascertainment for Blacks

Florida - 2010

Black Males		Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
		Age-Adjusted Rates (2000 US)		Inc/Mort Ratio	2008 - 2009 Mortality	Age-Adjusted Rates (2000 US)		Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2010 Incidence	2008 - 2009 Mortality	2004-2008 Mortality			2004-2008 Inc/Mort Ratio									
Oral Cavity and Pharynx	11.83	4.44	2.67	5.66	2.45	108.61	4.45	1.27	4.68	11.48	103.04				
Esophagus	5.52	4.97	1.11	8.18	0.87	127.07	6.39	1.28	5.25	4.59	120.33				
Stomach	14.50	8.93	1.62	10.29	1.53	106.22	9.29	1.11	9.12	13.94	103.97				
Colon and Rectum	51.17	24.64	2.08	29.84	2.12	97.99	25.41	1.17	25.51	54.05	94.68				
Liver	9.28	8.32	1.12	10.54	1.57	71.12	8.58	1.23	8.69	13.64	68.02				
Pancreas	13.69	11.26	1.22	15.49	1.13	107.94	12.35	1.25	11.84	13.33	102.72				
Lung and Bronchus	64.97	65.08	1.00	82.58	1.10	91.09	67.67	1.22	67.95	74.47	87.24				
Melanoma of the Skin															
Prostate															
Urinary Bladder	13.67	5.61	2.44	5.60	3.81	64.00	5.87	0.96	5.55	21.16	64.58				
Kidney and Renal Pelvis	15.01	5.26	2.85	6.01	3.83	74.47	4.55	1.32	5.60	21.46	69.95				
Brain and Other Nervous System	4.10	2.91	1.41	3.07	1.48	95.21	2.95	1.04	2.94	4.34	94.44				
Hodgkin's Disease	2.46	0.47	5.20	0.49	6.43	80.96	0.84	0.78	0.45	2.90	84.75				
Non-Hodgkin's Lymphomas	15.79	5.95	2.65	6.06	3.09	85.73	5.91	1.03	5.98	18.51	85.29				
Multiple Myeloma	9.88	7.26	1.36	8.04	1.74	78.01	7.78	1.03	7.31	12.74	77.51				
Leukemias	10.06	8.10	1.24	8.47	1.58	78.69	7.95	1.07	8.21	12.95	77.68				
Sum of Rates for Black Males	241.92					270.88	89.31			279.57	86.53				
		Florida				SEER (11 Regs) and US Mortality			Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
Black Females		Age-Adjusted Rates (2000 US)		Inc/Mort Ratio	2008 - 2009 Mortality	Age-Adjusted Rates (2000 US)		Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
Cancer Site	2010 Incidence	2008 - 2009 Mortality	2004-2008 Mortality			2004-2008 Inc/Mort Ratio									
Oral Cavity and Pharynx	4.26	1.15	3.72	1.44	3.67	101.14	1.32	1.09	1.17	4.29	99.40				
Esophagus	1.52	1.56	0.97	2.21	1.08	89.70	1.82	1.22	1.63	1.76	85.97				
Stomach	7.86	4.39	1.79	4.79	1.62	110.64	4.67	1.02	4.41	7.14	110.11				
Colon and Rectum	31.95	16.95	1.89	19.80	2.45	76.90	18.13	1.09	17.26	42.31	75.51				
Liver	3.63	3.19	1.14	2.97	1.41	80.97	2.76	1.08	3.24	4.55	79.71				
Pancreas	11.00	10.42	1.06	12.56	1.20	87.91	9.81	1.28	11.00	13.21	83.26				
Lung and Bronchus	32.53	25.18	1.29	38.03	1.41	91.92	26.30	1.45	27.42	38.55	84.40				
Melanoma of the Skin															
Breast															
Cervix	12.00	4.61	2.60	4.29	1.97	131.98	4.54	0.94	4.56	8.99	133.48				
Corpus and Uterus,NOS	24.60	7.48	3.29	7.33	2.99	110.21	7.22	1.02	7.50	22.39	109.88				
Ovary	8.58	5.04	1.70	6.83	1.42	119.95	5.69	1.20	5.25	7.44	115.36				
Urinary Bladder	4.21	2.20	1.91	2.63	2.79	68.54	2.57	1.02	2.21	6.17	68.23				
Kidney and Renal Pelvis	7.18	2.22	3.24	2.63	4.29	75.50	2.04	1.29	2.34	10.07	71.34				
Brain and Other Nervous System	2.60	1.83	1.42	2.05	1.72	82.58	1.95	1.05	1.85	3.18	81.74				
Hodgkin's Disease	1.18	0.33	3.56	0.30	8.19	43.41	0.24	1.24	0.35	2.84	41.44				
Non-Hodgkin's Lymphomas	11.64	4.14	2.81	3.64	3.26	86.30	4.02	0.91	4.06	13.23	87.94				
Multiple Myeloma	7.23	5.19	1.39	5.38	1.82	76.59	4.59	1.17	5.37	9.77	74.05				
Leukemias	7.08	5.04	1.41	4.81	1.61	87.37	5.04	0.95	4.99	8.04	88.20				
Sum of Rates for Black Females	179.06					198.07	90.40			203.93	87.80				
Sum of Rates for Blacks	209.49					233.32	89.79			240.55	87.19				

**National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012**

**Estimated Completeness of Case Ascertainment for Whites**

Florida - 2010

Florida - 2010														
White Males		Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
Cancer Site	Age-Adjusted Rates (2000 US) 2010 Incidence	Age-Adjusted Rates (2000 US) 2008 - 2009		Inc/Mort Ratio	Mortality	Age-Adjusted Rates (2000 US) 2004-2008	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
		Mortality	Inc/Mort											
Oral Cavity and Pharynx	16.52	4.31	3.84	4.18	3.62	4.18	4.18	17.99	91.82	4.32	0.84	4.17	17.40	94.91
Esophagus	6.95	7.48	0.93	1.00	7.89	1.00	7.46	93.17	7.40	1.07	7.58	7.56	91.94	
Stomach	6.40	3.42	1.87	2.07	4.35	2.07	7.08	90.50	3.76	1.16	3.53	7.30	87.73	
Colon and Rectum	36.27	17.45	2.08	2.51	19.53	2.51	43.76	82.88	17.86	1.09	17.78	44.58	81.36	
Liver	8.15	6.93	1.18	1.55	5.98	1.55	10.76	75.75	6.58	0.91	6.81	10.57	77.16	
Pancreas	11.29	12.35	0.91	1.10	12.42	1.10	13.59	83.13	12.07	1.03	12.42	13.66	82.66	
Lung and Bronchus	66.35	61.40	1.08	0.99	65.31	0.99	60.84	109.06	63.79	1.02	61.69	61.13	108.54	
Melanoma of Skin	19.35	4.96	3.90	6.85	4.62	6.85	33.96	56.97	4.97	0.93	4.89	33.49	57.78	
Prostate														
Urinary Bladder	28.00	7.63	3.67	4.95	8.04	4.95	37.82	74.02	7.58	1.06	7.73	38.28	73.13	
Kidney and Renal Pelvis	17.26	5.00	3.45	3.24	5.92	3.24	16.19	106.63	5.17	1.14	5.15	16.65	103.64	
Brain and Other Nervous System	7.07	5.15	1.37	1.49	5.63	1.49	7.66	92.31	5.09	1.10	5.26	7.82	90.42	
Hodgkin's Disease	2.49	0.48	5.25	6.10	0.51	6.10	2.90	85.95	0.48	1.08	0.48	2.94	84.66	
Non-Hodgkin's Lymphomas	17.38	7.62	2.28	2.80	8.71	2.80	21.34	81.43	7.90	1.10	7.77	21.78	79.81	
Multiple Myeloma	4.30	3.16	1.36	1.63	4.12	1.63	5.15	83.59	3.34	1.23	3.31	5.38	79.90	
Leukemias	11.43	9.10	1.26	1.72	9.91	1.72	15.69	72.88	8.10	1.09	9.27	15.97	71.61	
Sum of Rates for White Males	259.22						302.18	85.78				304.51	85.13	
White Females		Florida				SEER (11 Regs) and US Mortality		Initial Results		Mortality Adjustment Terms			Adjusted for Mortality	
Cancer Site	Age-Adjusted Rates (2000 US) 2010 Incidence	Age-Adjusted Rates (2000 US) 2008 - 2009		Inc/Mort Ratio	Mortality	Age-Adjusted Rates (2000 US) 2004-2008	Inc/Mort Ratio	Expected Incidence Rate	Initial Percent Complete	Registry 2004-2008 Mort Rate	Adjust. Term	Adj Reg 2000 Mort Rate	Expected Incidence Rate	Interim Percent Complete
		Mortality	Inc/Mort											
Oral Cavity and Pharynx	6.14	1.47	4.19	4.30	1.37	4.30	4.30	6.31	97.39	1.47	0.93	1.45	6.22	98.72
Esophagus	1.50	1.43	1.05	1.18	1.56	1.18	1.69	89.11	1.44	1.08	1.45	1.71	87.69	
Stomach	3.25	1.89	1.72	1.98	2.21	1.98	3.74	86.89	2.05	1.08	1.92	3.80	85.50	
Colon and Rectum	28.24	11.97	2.36	2.73	13.59	2.73	32.73	86.29	12.51	1.09	12.18	33.29	84.83	
Liver	1.99	1.99	1.00	1.39	1.97	1.39	2.76	71.95	1.94	1.02	2.00	2.77	71.72	
Pancreas	8.70	8.65	1.01	1.13	9.27	1.13	9.79	88.83	8.60	1.08	8.78	9.94	87.45	
Lung and Bronchus	52.06	40.67	1.28	1.22	40.79	1.22	49.46	105.26	41.10	0.99	40.61	49.39	105.42	
Melanoma of Skin	12.18	1.94	6.28	10.25	1.98	10.25	19.88	61.27	1.92	1.03	1.95	20.00	60.90	
Breast														
Cervix	6.99	2.42	2.89	3.41	2.17	3.41	8.23	84.98	2.48	0.88	2.36	8.03	87.13	
Corpus and Uterus,NOS	20.35	3.68	5.54	6.57	3.89	6.57	24.15	84.24	3.43	1.14	3.77	24.81	82.02	
Ovary	10.84	7.62	1.42	1.52	8.56	1.52	11.57	93.73	7.85	1.09	7.76	11.78	92.06	
Urinary Bladder	6.68	2.13	3.13	4.30	2.20	4.30	9.17	72.91	2.14	1.03	2.14	9.22	72.51	
Kidney and Renal Pelvis	8.54	2.20	3.88	3.66	2.66	3.66	8.06	105.96	2.22	1.20	2.29	8.37	101.95	
Brain and Other Nervous System	5.36	3.33	1.61	1.56	3.78	1.56	5.20	102.99	3.41	1.11	3.40	5.31	100.79	
Hodgkin's Disease	2.25	0.39	5.80	3.05	0.35	5.80	2.97	75.98	0.33	1.04	0.39	2.99	75.39	
Non-Hodgkin's Lymphomas	12.32	4.73	2.61	3.05	5.41	3.05	14.43	85.43	4.95	1.09	4.82	14.70	83.84	
Multiple Myeloma	2.99	2.08	1.44	1.58	2.50	1.58	3.27	91.51	2.16	1.16	2.14	3.38	88.64	
Leukemias	7.69	4.79	1.61	1.88	5.47	1.88	8.98	85.62	4.99	1.09	4.88	9.15	84.02	
Sum of Rates for White Females	198.08						222.38	89.07				224.87	88.09	
Sum of Rates for Whites	228.30						261.83	87.20				264.24	86.62	

**National Program of Cancer Registries - Cancer Surveillance System  
SSR1 - Standard Status Report - 2012**

Florida - 2010

**Estimated Completeness Summary**

<b>Intrim Completeness Estimates Adjusted for Reference Mortality</b>					
<b>Whites</b>		<b>Blacks</b>		<b>Race Proportional</b>	
Percent Complete	Population	Percent Complete	Population	Percent Complete	Population
86.62	14,876,873	87.19	3,052,489	86.72	17,929,362

<b>Final Completeness Estimates Adjusted for Reference Mortality and Duplicate Records</b>			
<b>Total Incident Cases</b>	<b>Adjusted Total Incident Cases</b>	<b>84164</b>	<b>84164</b>
<b>Race Proportional Completeness, Adjusted for Reference Mortality</b>	<b>Expected Incident Cases</b>	<b>86.72</b>	<b>97052</b>
<b>%Unresolved Duplicates*</b>	<b>Final Completeness Estimates, Adjusted for Reference Mortality and Duplicate Records</b>	<b>0.00</b>	<b>86.72</b>



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**2012 - Submission Summary Report (SSR2)**  
**National Program of Cancer Registries**  
**Cancer Surveillance System**  
**(Advanced National Data Quality)**

**Florida**



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**Department of Health and Human Services**  
**Centers for Disease Control and Prevention**  
Safer • Healthier • People



# National Program of Cancer Registries - Cancer Surveillance System

## SSR2 - Submission Summary Report - 2012

### Florida

Table 1: Submission Summary

Table 1: Submission Summary						
		Record Status				
Diagnosis Year	Records Received	Non-reportable Records	Reportable Records	Invasive Records*	In Situ Records	Benign Brain Records
2010	92201	0	92201	84164	5374	2663

\* Invasive records include in situ bladder.

Submission Date: November 30, 2011  
 NAACCR Record Version: 121  
 NPCR Reference Year: 1995  
 Years Submitted: 1995-2010

National Program of Cancer Registries - Cancer Surveillance System  
SSR2 - Submission Summary Report - 2012  
Florida

Table 2: Number and Percentage Core Single and Inter-field Errors

Edit Name	2010		Comment
	n	%	
Total Records with Core Single and Inter-field Errors	0	0.00	
Total Core Single and Inter-field Errors	0	-	
Total NPCR-Reportable Records	92201	-	

The percentage of records with core errors is based on NPCR Reportable Records.

- Percentage not calculated.

# National Program of Cancer Registries - Cancer Surveillance System

## SSR2 - Submission Summary Report - 2012

Florida

Table 3 : Percentage of Over-Ride Flagged Fields -- Grouped by Edit Name and Diagnosis Year

OVER-RIDE FLAG NAME												
Age/Site/ Morph [1990]	SeqNo/ DxConf [2000]	Site/Lat/ SeqNo [2010]	Site/Type [2030]	Histology [2040]	Report Source [2050]	Ill-define Site [2060]	Leuk, Lymphoma [2070]	Site/ Behavior [2071]	Site/Lat/ Morph [2074]			
ASSOCIATED EDIT NAME												
Age, Primary Morphology (NAACCR IF15)	Diagnostic Confirm, Seq Num-Central (SEER IF23)	Site/Histology/ Laterality/ Sequence Number (R09)	Primary Site, Morphology -Type Check (SEER IF25)	1 = Morphology-- Type&Behavior (SEER MORPH)	2 = Diagnostic Confirmation, Behavior Code (SEER IF31)	3 = Both 1 and 2 Apply	Type of Report Src(DC),Seq Num--Central (SEER IF04)	Seq Num-- Central, Primary Site, Morph (SEER IF22)	Diagnostic Confirmation, Histologic Type (SEER IF48)	Primary Site, Behavior Code (SEER IF39)	Laterality, Primary Site, Morphology (SEER IF42)	Percentage of Records with Over-Ride flags*
Diagnosis Year	2010	0.05	0.12	0.73	0.74	0.00	0.00	0.75	0.00	0.01	0.00	3.36
SEER OVER-RIDE FLAG QUALITY MEASURES**												
	0.16	0.38	1.32	0.23	0.02	0.02	0.12	0.40	0.04	0.06	0.07	

The number of records used for this table are from the NPCR Reportable Records in Table 1.

\* To determine the percent of records with over-ride flags, multiple flags within a record are counted as one record regardless of the number of flags.

\*\* Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER\*Stat Database: Incidence - SEER 13 Regs Research Data, Nov 2011 Sub (1973-2009) - National Cancer Institute, DCCPS, Surveillance Research Program, Cancer Statistics Branch, released April 2012, based on the November 2011 submission.

**National Program of Cancer Registries - Cancer Surveillance System**  
**SSR2 - Submission Summary Report - 2012**  
**Florida**

**Table 4: Median Percentage of Over-Ride Flags for All 2012 NPCR Data Submissions**

OVER-RIDE FLAG NAME														
DX Year	Statistic	Age/Site/ Morph	SeqNo/ DxConf	Site/Lat/ SeqNo	Site/Type	Histology			Report Source	Ill-define Site	Leuk, Lymphoma	Site/ Behavior	Site/Lat/ Morph	Percentage of Total Records with Over-Ride Flags
						1 = SEER Morph	2 = SEER IF31	3 = Both 1 and 2						
Item Number														
2010	Median Range	[1990] 0.00-0.19	[2000] 0.51 0.00-1.69	[2010] 0.03 0.00-2.58	[2030] 1.12 0.01-1.70	0.02 0.00-0.74	0.00 0.00-0.03	0.01 0.00-0.07	[2050] 0.00 0.00-0.60	[2060] 0.37 0.03-1.82	[2070] 0.00 0.00-0.04	[2071] 0.01 0.00-0.19	[2074] 0.00 0.00-0.06	2.21 0.22-6.17

To Calculate the Total Records with Over-Ride Flags,multiple flags within a record are counted as one record. Only 12 month data are displayed.