

Constantino, Mike

From: Green, Edward [EGreen@foley.com]
Sent: Wednesday, September 22, 2010 7:31 PM
To: Constantino, Mike
Subject: RE: Project No. 10-049, University of Chicago Cancer Center at Silver Cross Hospital
Attachments: Cancer Incident Rates (SEER).pdf

Mike:

You asked the following question last week regarding the above-captioned Project: "The applicants state that Will County has a higher incident of cancer than the national and state average. What is will county's incident rate and the national and state average that you are using?"

Here is the Applicants' answer to that question:

The Applicants pulled that information from the National Cancer Institute's Surveillance, Epidemiology & End Results (SEER) data base.

The SEER data base shows the following cancer incidence rates: Will County 513.0; Illinois 482.2; and the United States 464.5.

The report is attached to this email as a pdf and here is the link: <http://statecancerprofiles.cancer.gov/incidencerates/index.php>

Please call or write if you need additional information.

Best regards,

Ed

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State Cancer Profiles

Incidence Rates Report

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Incidence Rate Report for Illinois by County			
All Races (includes Hispanic), Both Sexes, All Cancer Sites, All Ages Sorted by Rate			
County	Annual Incidence Rate [†] over rate period (95% Confidence Interval)	Average Annual Count	Rate Period
Illinois ⁶	482.2 (480.4, 483.9)	61,053	2003-2007
US (SEER+NPCR) ¹	464.5 (464.1, 464.8)	§	2003-2007
Alexander County ⁶	601.7 (537.6, 671.8)	66	2003-2007
Christian County ⁶	570.3 (538.4, 603.7)	245	2003-2007
Gallatin County ⁶	567.5 (494.8, 648.7)	47	2003-2007
Franklin County ⁶	565.4 (536.0, 596.0)	290	2003-2007
Macon County ⁶	564.5 (546.3, 583.3)	741	2003-2007
Johnson County ⁶	559.0 (505.5, 616.8)	81	2003-2007
Ford County ⁶	555.4 (506.1, 608.4)	99	2003-2007
Fulton County ⁶	544.9 (515.1, 576.1)	259	2003-2007
Clay County ⁶	540.3 (492.4, 591.9)	97	2003-2007
Grundy County ⁶	539.5 (508.1, 572.3)	223	2003-2007
Marion County ⁶	538.1 (509.3, 568.2)	271	2003-2007
Tazewell County ⁶	537.3 (520.9, 554.2)	815	2003-2007
Mason County ⁶	536.4 (491.2, 584.9)	108	2003-2007
Peoria County ⁶	536.3 (521.9, 551.0)	1,068	2003-2007
Calhoun County ⁶	532.3 (455.8, 618.8)	36	2003-2007
Lee County ⁶	529.6 (498.3, 562.5)	216	2003-2007
La Salle County ⁶	527.6 (510.1, 545.6)	703	2003-2007
Bond County ⁶	527.5 (483.0, 575.1)	105	2003-2007
Coles County ⁶	526.2 (498.4, 555.1)	275	2003-2007
Macoupin County ⁶	524.9 (498.9, 552.0)	314	2003-2007
Montgomery County ⁶	523.9 (490.6, 558.9)	191	2003-2007
Edgar County ⁶	523.4 (482.5, 567.0)	127	2003-2007
Putnam County ⁶	522.9 (452.0, 602.6)	40	2003-2007
Kankakee County ⁶	521.8 (503.0, 541.2)	582	2003-2007

Effingham County ⁶	521.3 (489.2, 555.1)	198	2003-2007
Sangamon County ⁶	521.2 (507.4, 535.2)	1,106	2003-2007
Vermilion County ⁶	520.1 (499.9, 541.0)	511	2003-2007
Menard County ⁶	520.1 (467.7, 576.8)	74	2003-2007
Douglas County ⁶	518.6 (477.4, 562.5)	120	2003-2007
Bureau County ⁶	515.7 (485.7, 547.3)	230	2003-2007
Williamson County ⁶	514.7 (492.1, 538.1)	398	2003-2007
Logan County ⁶	513.7 (479.8, 549.4)	174	2003-2007
Will County ⁶	513.0 (503.8, 522.2)	2,522	2003-2007
Morgan County ⁶	512.8 (482.4, 544.7)	218	2003-2007
Cumberland County ⁶	511.4 (457.6, 570.1)	67	2003-2007
Clark County ⁶	510.9 (468.1, 556.9)	108	2003-2007
Greene County ⁶	510.8 (464.0, 561.4)	91	2003-2007
Moultrie County ⁶	509.0 (462.1, 559.5)	90	2003-2007
Cass County ⁶	507.2 (458.3, 560.1)	80	2003-2007
Kendall County ⁶	507.1 (481.3, 533.8)	310	2003-2007
Saline County ⁶	507.1 (473.1, 543.0)	174	2003-2007
Champaign County ⁶	506.8 (490.8, 523.2)	770	2003-2007
Crawford County ⁶	504.9 (465.4, 547.0)	123	2003-2007
Jasper County ⁶	503.4 (447.9, 564.3)	61	2003-2007
Pulaski County ⁶	501.6 (432.9, 578.6)	39	2003-2007
McDonough County ⁶	501.5 (466.4, 538.6)	160	2003-2007
Woodford County ⁶	500.8 (470.3, 532.8)	209	2003-2007
Washington County ⁶	500.1 (454.6, 549.2)	91	2003-2007
St. Clair County ⁶	498.7 (486.7, 511.0)	1,318	2003-2007
McLean County ⁶	498.5 (481.6, 515.8)	670	2003-2007
Livingston County ⁶	497.5 (468.2, 528.2)	221	2003-2007
Fayette County ⁶	496.5 (457.9, 537.6)	124	2003-2007
Jefferson County ⁶	495.5 (467.2, 525.2)	234	2003-2007
Edwards County ⁶	492.2 (427.6, 564.6)	44	2003-2007
Marshall County ⁶	490.1 (443.9, 540.2)	86	2003-2007
Rock Island County ⁶	487.7 (472.9, 502.9)	842	2003-2007
Monroe County ⁶	487.2 (453.8, 522.4)	159	2003-2007
Massac County ⁶	486.1 (442.1, 533.4)	93	2003-2007
Randolph County ⁶	485.5 (454.3, 518.3)	184	2003-2007
Madison County ⁶	485.2 (473.9, 496.7)	1,413	2003-2007

Scott County ⁶	485.0 (411.4, 568.6)	32	2003-2007
Richland County ⁶	484.7 (442.2, 530.3)	101	2003-2007
De Witt County ⁶	484.2 (441.7, 529.9)	98	2003-2007
Brown County ⁶	483.8 (410.7, 566.3)	32	2003-2007
Knox County ⁶	483.3 (459.7, 507.9)	328	2003-2007
McHenry County ⁶	480.3 (468.1, 492.7)	1,230	2003-2007
Mercer County ⁶	480.2 (438.4, 525.3)	100	2003-2007
Lake County ⁶	480.0 (472.0, 488.2)	2,836	2003-2007
Henry County ⁶	479.2 (454.9, 504.4)	302	2003-2007
Kane County ⁶	477.4 (467.3, 487.7)	1,776	2003-2007
DeKalb County ⁶	476.9 (455.3, 499.2)	373	2003-2007
Adams County ⁶	476.4 (455.3, 498.3)	399	2003-2007
Hancock County ⁶	475.8 (437.7, 516.6)	122	2003-2007
Perry County ⁶	473.5 (436.6, 512.8)	124	2003-2007
Clinton County ⁶	472.4 (442.8, 503.6)	191	2003-2007
Wabash County ⁶	471.4 (422.8, 524.2)	71	2003-2007
Jackson County ⁶	471.1 (444.5, 498.8)	240	2003-2007
Boone County ⁶	470.8 (442.7, 500.1)	213	2003-2007
Cook County ⁶	469.8 (467.2, 472.5)	24,291	2003-2007
Shelby County ⁶	469.2 (434.1, 506.6)	138	2003-2007
Jersey County ⁶	467.3 (430.2, 506.8)	119	2003-2007
White County ⁶	464.4 (422.5, 509.6)	96	2003-2007
Iroquois County ⁶	464.0 (433.9, 495.6)	186	2003-2007
Warren County ⁶	463.6 (423.4, 506.7)	102	2003-2007
DuPage County ⁶	462.6 (456.1, 469.1)	4,046	2003-2007
Piatt County ⁶	460.0 (418.5, 504.7)	93	2003-2007
Hardin County ⁶	459.2 (387.4, 541.9)	30	2003-2007
Winnebago County ⁶	459.0 (448.3, 470.0)	1,396	2003-2007
Wayne County ⁶	457.8 (417.9, 500.8)	102	2003-2007
Carroll County ⁶	457.6 (418.0, 500.2)	103	2003-2007
Stark County ⁶	455.2 (390.1, 528.7)	38	2003-2007
Whiteside County ⁶	447.1 (425.5, 469.5)	329	2003-2007
Ogle County ⁶	446.3 (422.5, 471.1)	266	2003-2007
Lawrence County ⁶	445.3 (404.4, 489.5)	91	2003-2007
Stephenson County ⁶	436.7 (413.0, 461.4)	263	2003-2007
Union County ⁶	435.0 (397.1, 475.7)	101	2003-2007

Henderson County ⁶	433.0 (378.6, 493.8)	47	2003-2007
Hamilton County ⁶	426.7 (373.7, 485.7)	49	2003-2007
Jo Daviess County ⁶	425.1 (392.5, 459.9)	132	2003-2007
Schuyler County ⁶	419.9 (362.3, 484.7)	40	2003-2007
Pike County ⁶	417.5 (379.5, 458.4)	95	2003-2007
Pope County ⁶	330.7 (267.4, 406.4)	20	2003-2007

Notes:

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State Cancer Registries may provide more current or more local data.

† Incidence rates (cases per 100,000 population per year) are age-adjusted to the 2000 US standard population (19 age groups: <1, 1-4, 5-9, ... , 80-84, 85+). Rates are for invasive cancer only (except for bladder cancer which is invasive and in situ) or unless otherwise specified. Rates calculated using SEER*Stat. Population counts for denominators are based on Census populations as modified by NCI. The US populations included with the data release have been adjusted for the population shifts due to hurricanes Katrina and Rita for 62 counties and parishes in Alabama, Mississippi, Louisiana, and Texas. The 1969-2007 US Population Data File is used for SEER and NPCR incidence rates.

§ Data not provided because it did not meet USCS publication standards for one or more years during the rate period of data collection. American Cancer Society's Facts & Figures provides estimates of numbers of new cancer cases and deaths.

¹ Source: CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2009/January 2010 data submission and SEER November 2009 submission.

⁶ Source: State Cancer Registry and the CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2009/January 2010 data submission. State rates include rates from metropolitan areas funded by SEER.

Interpret Rankings provides insight into interpreting cancer incidence statistics. When the population size for a denominator is small, the rates may be unstable. A rate is unstable when a small change in the numerator (e.g., only one or two additional cases) has a dramatic effect on the calculated rate.

Suppression is used to avoid misinterpretation when rates are unstable.