



State of New Jersey

DEPARTMENT OF HEALTH AND SENIOR SERVICES
DIVISION OF EPIDEMIOLOGY, ENVIRONMENTAL AND OCCUPATIONAL HEALTH
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CLIFTON R. LACY, M.D.
Commissioner

JAMES E. MCGREEVEY
Governor

October 8, 2003

Carol Wolff
Camden Area Health Education Center
514 Cooper Street
Camden, New Jersey 08102

Dear Ms. Wolff:

Carol

I am providing you additional information concerning the Camden City cancer incidence analysis requested by the Camden Health Study Task Force. We have recalculated the expected number of cases using Camden County less Camden City incidence as the reference population for all races combined.

Table 1 provides the standardized incidence ratio (SIR) results using Camden County less Camden City rates to calculate the expected number of cases for the 20-year observation period, 1979-1998. While there are slight differences in the expected numbers using state rates (Table 6 of my March 18, 2003 correspondence to you) and Table 1 below, the SIRs calculated using Camden County less Camden City rates are very similar to the earlier analysis.

If you have any further questions concerning these findings, please write, or call me at (609) 588-3120.

Sincerely,

Jerald A. Fagliano, M.P.H., Ph.D.
Program Manager

c: Dr. Eddy Bresnitz, Assistant Commissioner/State Epidemiologist, DEEOH
New Jersey State Cancer Registry
Robert Lentine, Camden County Division of Health

Table 1. Camden City Malignant Cancer Incidence (1979-1998)
SIR Analysis by Cancer Type and Sex: All Races Combined
Expected Numbers based on Camden County Rates (less Camden City
cancer incidence)

Cancer Type	Sex	Observed	Expected	SIR ¹		95% CI
All Cancers Combined	Male	3,366	2,989.0	1.13	*	1.09 - 1.16
	Female	3,080	3,248.4	0.95	**	0.91 - 0.98
Bladder	Male	135	222.5	0.61	**	0.51 - 0.72
	Female	63	80.7	0.78		0.60 - 1.00
Bone/Joint	Male	7	6.2	1.13		0.45 - 2.33
	Female	7	10.2	0.69		0.28 - 1.42
Brain/CNS	Male	37	59.6	0.69	**	0.44 - 0.86
	Female	34	51.6	0.71	**	0.46 - 0.92
Breast	Female	759	962.1	0.79	**	0.73 - 0.85
Colorectal	Male	401	421.4	0.95		0.86 - 1.05
	Female	415	460.5	0.90	**	0.82 - 0.99
Esophagus	Male	104	42.2	2.47	*	2.02 - 2.99
	Female	31	18.6	1.66	*	1.13 - 2.36
Kidney	Male	62	87.1	0.71	**	0.55 - 0.91
	Female	61	58.5	1.04		0.80 - 1.34
Leukemia	Male	72	90.5	0.80		0.62 - 1.00
	Female	64	75.1	0.85		0.66 - 1.09
Liver	Male	31	22.8	1.36		0.92 - 1.93
	Female	16	12.3	1.30		0.74 - 2.11
Lung	Male	825	578.4	1.43	*	1.33 - 1.53
	Female	399	387.4	1.03		0.93 - 1.14
Non-Hodgkin's Lymphoma	Male	102	114.7	0.89		0.74 - 1.08
	Female	89	107.1	0.83		0.67 - 1.02
Pancreas	Male	78	70.5	1.11		0.88 - 1.38
	Female	89	81.7	1.09		0.87 - 1.34
Stomach	Male	116	66.3	1.75	*	1.45 - 2.10
	Female	77	48.1	1.60	*	1.26 - 2.00

¹ Note: *=statistically high, **= statistically low.

Data from the New Jersey Department of Health and Senior Services' State Cancer Registry with analysis by the Department's Consumer and Environmental Health Services (September 2003).