



Somerset County, New Jersey

Cancer Burden Profile, 2007

In 2007, the American Cancer Society estimates*:

1,444,920 new cancer cases will be diagnosed in the U.S. - including 49,370 in New Jersey
 559,650 cancer deaths will occur in the U.S. - including 17,140 in New Jersey

For Somerset County residents:

- > **28** individuals are diagnosed with cancer *each week*
- > **10** individuals die from cancer *each week*

The Burden in Somerset County:

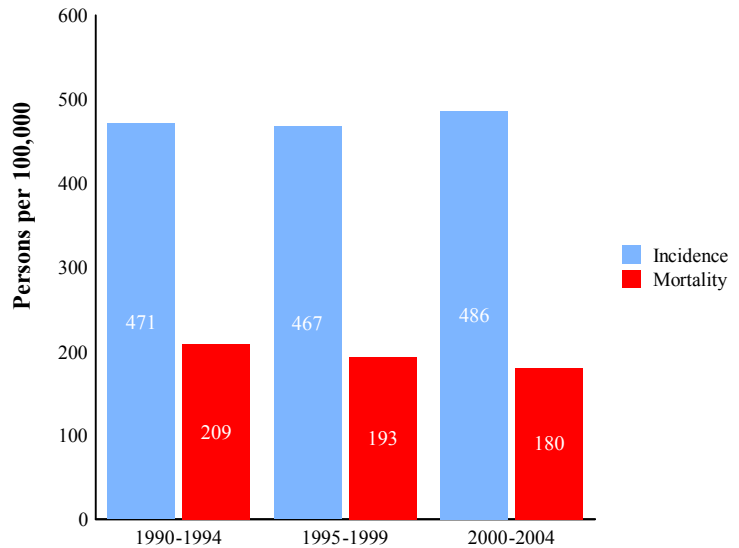
Annual incidence rates have **increased**:

- > There were an average of **470.6** cases per 100,000 people per year in 1990-1994. This rate was **485.9** for 2000-2004.
- > The annual incidence rate has **increased 3.3%** since 1990-1994.

Annual mortality rates have **decreased**:

- > There were an average of **208.5** deaths per 100,000 people per year in 1990-1994. This rate was **180.1** for 2000-2004.
- > The annual mortality rate has **decreased 13.6%** since 1990-1994.

Incidence & Mortality Rates 1990-2004



Note: Rates are per 100,000, age-adjusted to the 2000 US Standard Population
 Source: NJDHSS, State Cancer Registry, 2007

Four cancer sites represent **53.2%** of all new cancer cases and **47.4%** of all new cancer deaths in Somerset County**:

Lung & bronchus cancers account for **10.3%** of all cancer cases and **23.0%** of all cancer deaths. This disproportionate mortality highlights the crucial need for prevention & cessation of tobacco use.

Prostate cancer accounts for **16.0%** of all cancer cases and **5.0%** of all cancer deaths.

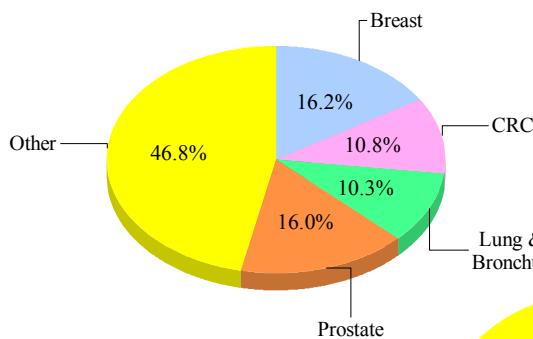
Female breast cancer accounts for **16.2%** of all cancer cases and **9.0%** of all cancer deaths.

Colorectal cancer accounts for **10.8%** of all cancer cases and **10.5%** of all cancers deaths. This reflects the lower screening & early detection rates for this cancer.

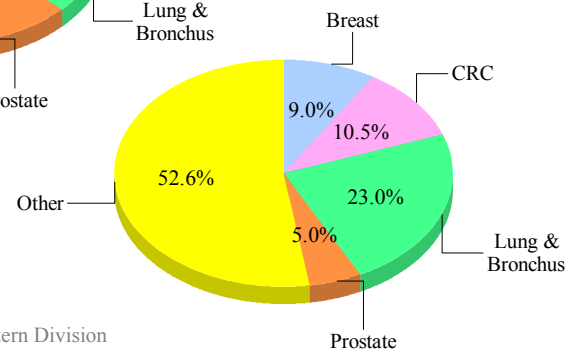
* American Cancer Society, Cancer Facts & Figures, 2007
 ** Estimate based on average annual cases and deaths 2000-2004 NJDHSS, State Cancer Registry, 2007

NJ State Cancer Plan:
http://www.state.nj.us/health/ccp/ccc_plan.htm

Percent of All Cases



Percent of All Deaths



Somerset County Demographics		
	Somerset	New Jersey
Total Population (2006)	323,335	8,793,380
Population Density (people / sq. mile. 2006)	1,061	1,186
Percent Population Age 65+ (2006)	11.3%	13.2%
Percent Population in Poverty (2005)	4.2%	8.2%
Median Household Income (2006)	\$86,344	\$63,852
Less than H.S. Diploma (% of 25+ pop., 2006)	16.0%	23.2%
Source: U.S. Census Bureau, Medstat, 2007		

Somerset County Yearly Cases & Deaths, 2000-2004				
Cancer Site	Cases		Deaths	
	Male	Female	Male	Female
All Sites	726	716	250	260
Colorectal	79	77	25	29
Lung & Bronchus	82	66	69	48
Female Breast	n/a	233	n/a	46
Prostate	231	n/a	25	n/a
Source: NJDHSS, State Cancer Registry, 2007				

Somerset County Average Annual Incidence & Mortality Rates, 2000-2004					
All Cancers (All malignant cancers)					Lung & Bronchus
	Incidence Rates		Mortality Rates		
	Male	Female	Male	Female	
New Jersey	614.4	447.0	236.7	171.9	
Somerset	570.9	431.6	221.0	156.4	
Colorectal					Prostate
	Incidence Rates		Mortality Rates		
	Male	Female	Male	Female	
New Jersey	70.2	50.8	25.9	18.3	
Somerset	64.0	46.5	22.9	16.9	
Female Breast					Melanoma of the Skin
	Incidence Rates		Mortality Rates		
	Male	Female	Male	Female	
New Jersey	n/a	131.9	n/a	28.5	
Somerset	n/a	137.7	n/a	27.1	
* Rates are per 100,000 persons age-adjusted to the 2000 U.S. standard population.					
# Rate is suppressed when fewer than 5 cases or deaths to ensure statistical reliability					
Source: NJDHSS, State Cancer Registry, 2007					

Local American Cancer Society Office

669 Littleton Road
 Parsippany, NJ 07054
 Phone 1-800-ACS-2345 or www.cancer.org



Somerset County Percent Diagnosed at Early Stage, 2000-2004

The best survival rates occur for those who are diagnosed with early stage disease.

Cancer Site	Somerset	New Jersey
Colorectal-Male	38.7%	40.1%
Colorectal-Female	33.1%	38.3%
Female Breast	63.1%	61.5%
Prostate	89.6%	89.5%

Source: NJDHSS, State Cancer Registry, 2007