

The Facts about Cancer in Tennessee

Tennessee has the **6th highest cancer death rate** out of all 50 states and the District of Columbia in 2013

13,953 Tennesseans died of cancer in 2013

Tennessee ranked **21st highest in rate of new cancer cases** reported in 2013

34,142 new cases of cancer were reported in Tennessee in 2013

- **Lung cancer** = Tennessee has the 6th highest incidence (new cases) rate nationally, leading cause of death among men and women. The overall 5-year survival rate observed nationally for lung cancer is about 15%, one of the poorest survival rates for any of the major cancers. In all Tennessee health regions, lung cancer incidence rates for White and Black men are between 50-100% higher than the national rate. Lung cancer is the most important reason why TN's overall cancer mortality rate is so high compared to national rates.
- **Oral cavity/pharynx cancer** = Tennessee is ranked 17th in the nation for highest incidence. In 2013, there were an estimated 300,682 people living with oral cavity and pharynx cancer in the US. The major cause of oral cancer is tobacco use. Death rates are the highest among black males.
- **Breast cancer** - Black women in Tennessee rank 9th nationally in breast cancer mortality. Tennessee is 27th nationally in breast cancer incidence. The breast cancer mortality rate in White women of TN is almost 15% less than in Black women of TN.
- **Colorectal cancer** = Tennessee has the 26th highest incidence rate nationally but the 11th highest amounts of death. Colorectal cancer is the 2nd leading cancer killer in the US. Black men and women have the highest incidence and death rates of colorectal cancer. Black men in Tennessee appear to be more readily dying of this disease compared with other Black men around the nation.
- **Cervical cancer** = Tennessee ranks 3rd highest in incidence rates and 10th in deaths rates. Hispanic women have the highest incidence rate, however Black women rank the highest nationally in cervical cancer mortality.
- **Prostate cancer** = Tennessee ranks 16th in prostate cancer incidence, but 33rd in death rates. Black men are the outstanding highest in incidence and death rates.

In 2013, Tennessee statewide new cancer rates exceed U.S. national rates for: breast, cervical, kidney, leukemia, lung, oral and prostate cancers.

For more info about the Tennessee Cancer Consortium contact info@cancertn.org

The Most Common Cancers in Tennessee, 2013

All rates calculated per 100,000 Persons

- The most common causes of cancer differ between men and women. Prostate and breast are the most common types of cancer for men and women.
- Men and women share the next two common causes — lung and colorectal cancers.
- Lung cancer is the most common cause of cancer death for both men and women. Colorectal cancer is the third most common cause for both men and women.
- Death rates and survival rates differ by type of cancer. Survival rates for prostate and breast cancer are higher than for lung and pancreas cancer. Survival is related to earlier detection and treatment. Access to and use of cancer screening is important to improve most survival rates.

Source: <http://statecancerprofiles.gov>

Please review our State of Tennessee Cancer Plan at <http://cancertn.org/publications-references/>

Type of Cancer	Men		Women	
	New Cases Incidence	Deaths (Mortality)	New Cases Incidence	Deaths (Mortality)
Prostate	106.2	18.7		
Breast			124.6	22.3
Lung	93.4	74.1	59.4	42.7
Colorectal	43.1	20.6	34.3	13.2
Bladder	33.8	7.9	7.9	2.0
Melanoma	25.0	5.3	16.2	1.8
Uterine			22.2	4.1
Non-Hodgkin Lymphoma	21.2	8.5	13.4	4.3
Kidney	21.5	7.5	12.2	2.8
Oral cavity	19.6	4.7	5.8	1.5
Leukemia	17.2	10.1	11.0	4.9
Thyroid	6.8	0.7	17.4	0.4
Pancreas	13.4	12.7	11.0	10.2
Ova			10.8	7.1
Esophagus	7.8	7.8	1.8	1.2
Liver	12.2	9.5	3.8	3.9
Brain	7.9	6.3	4.8	4.2
Cervix			8.9	2.8
Top five types of cancer for each category highlighted				

Tennessee's Cancer Statistics From CDC State Cancer Profiles

Tennessee highest percent variance from national rates
by type of cancer and by population segment

Incidence (new cases) rates	White Lung 23%, Black Cervix 16%, Female Lung 15%, White Cervix 14%, Black Lung 14%, Male Oral 13%, Female Kidney 11%	Male Lung 31%
	Over 10 % higher	Over 25 % higher
Death (Mortality) rates	Black Colorectal 23%, Black Lung 23%, Female Lung 20%, Male Melanoma 22%, Black Thyroid 20%, Female Brain 17%, Male Kidney 16%, Black Liver 16%, Black Leukemia 17%, Female Oral 15%, Male Colorectal 15%, Black Prostate 14%, Black Kidney 14%, White Cervix 14%, White Melanoma 13%, Black Esophagus 13%, Black Breast 12%, Female Colorectal 12%, Black Bladder 11%, White Brain 11%	Male Lung 40%, White Lung 29%, Male Oral 29%, Black Cervix 26%, White Oral 25%

Tennessee cancer rates are ranked in the top ten of all states
for the following types of cancer by population segments

All Whites	All Blacks	All Males	All Females
Incidence Rates (New cases) for 2013			
# 4 – Cervix # 4 – Lung	# 5 – Cervix	# 5 – Lung # 9 – Oral	# 3 – Cervix # 12 – Lung
Mortality Rates (Deaths) for 2009-2013			
# 4 – Lung # 4 – Oral # 5 – Melanoma # 8 – Non-Hodgkin # 9 – Brain # 9 – Colorectal	# 3 – Colorectal # 3 – Thyroid # 4 – Cervix # 5 – Breast # 6 – Stomach # 7 – Prostate # 7 – Oral # 8 – Leukemia # 8 – Bladder # 9 – Brain # 10 – Lung	# 3 – Melanoma # 4 – Lung # 4 – Oral # 7 – Kidney # 7 – Non-Hodgkin # 8 – Colorectal	# 4 – Brain # 5 – Lung # 6 – Oral # 9 – Colorectal # 9 – Cervix

Source for all data: <http://statecancerprofiles.cancer.gov/>

Death Rates for All Cancers

All Races, Both Sexes, All Ages, 2009-2013

All average annual death rates calculated per 100,000 population

Unites States Rate: 168.5 deaths per 100,000

Tennessee Rate: 190.8 deaths per 100,000, 13.2% higher than US

Only four Tennessee counties (bolded) have rates lower than the US cancer death rate.

Cancer death rates are falling in twenty eight counties and rising in one county.

Falling Rates		Stable Rates			Rising Rates
202.7 Shelby	182.0 Cumberland	255.9 Scott	217.0 Trousdale	201.4 Wayne	227.4 Sequatchie
199.1 Dickson	181.6 Knox	247.6 Lake	217.0 Clay	199.9 Giles	
198.7 Roane	180.5 Franklin	244.0 Polk	216.9 Marshall	198.4 Perry	
195.4 Montgomery	179.2 Wilson	238.4 Benton	215.6 Obion	197.9 Hamblen	
194.0 Coffee	177.6 Rutherford	238.1 Cheatham	214.7 Gibson	196.5 Jackson	
193.5 Rhea	176.7 Washington	230.9 Hancock	213.7 Hardeman	196.1 Unicoi	
193.2 Carter	176.3 Madison	230.9 Fentress	213.5 Hickman	195.9 McMinn	
193.0 Lincoln	174.7 Fayette	230.1 Stewart	212.3 Decatur	195.6 Anderson	
190.8 Davidson	172.9 Hamilton	229.6 Meigs	211.8 Hawkins	194.7 Greene	
187.4 Maury	172.5 Blount	225.1 Smith	211.3 Johnson	191.1 Morgan	
187.3 Lawrence	171.4 Bledsoe	222.6 Humphreys	211.2 Macon	189.2 Putnam	
187.2 Sullivan	170.6 Loudon	221.7 Cocke	211.0 Grainger	187.2 Robertson	
185.2 Sevier	162.5 Sumner	221.3 Union	210.7 McNairy	185.9 Hardin	
184.2 Bradley	139.0 Williamson	220.2 Marion	210.1 Cannon	185.6 Dyer	
		220.1 Overton	209.6 Warren	185.3 Jefferson	
		219.1 Henry	208.4 Tipton	184.4 Bedford	
		219.0 Houston	207.8 Carroll	184.3 Crockett	
		218.9 Grundy	207.0 Monroe	183.7 Haywood	
		218.3 Campbell	205.4 Weakley	180.6 Chester	
		218.3 Claiborne	204.5 Henderson	174.1 Van Buren	
		218.3 Lauderdale	203.7 White	160.0 Pickett	
		217.1 Lewis	202.8 DeKalb	137.3 Moore	

Source: Centers for Disease Control and Prevention, <http://statecancerprofiles.cancer.gov/cgi-bin/deathrates>

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