

Cancer

Key Findings

Ohio Department of Health statistics indicate that from 1998-2006, a total of 920 Auglaize County residents died from cancer, the second leading cause of death in the county. The American Cancer Society advises that reducing tobacco use, increasing cancer education and awareness, changing diet and exercise habits, and early detection may reduce overall cancer deaths.

Cancer Facts

- ◆ The Ohio Department of Health (ODH) vital statistics indicate that from 1998-2006, cancers caused 20% (920 of 4,538 total deaths) of all Auglaize County resident deaths. The largest percent (28%) of cancer deaths were from lung and bronchus cancer. (Source: ODH Information Warehouse)
- ◆ Age-adjusted cancer mortality rates (calculated by ODH per 100,000 population) have decreased for Auglaize County from 195.9 in 2001-2003 to 185.0 for 2004-2006. Ohio cancer death rates show a downward trend as well from 206.0 for 2001-2003 to 198.8 for 2004-2006. (Source: ODH Information Warehouse)
- ◆ The American Cancer Society reports that smoking tobacco is associated with cancers of the esophagus, pharynx, oral cavity, larynx, and lung. Also, smoking has been associated with cancers of the bladder, cervix, kidney, pancreas, stomach, uterus, and certain types of leukemia. The 2008 health assessment project has determined that 18% of Auglaize County adults are current smokers and many more were exposed to environmental tobacco smoke, also a cause of heart attacks and cancer.

Lung Cancer

- ◆ ODH reports that lung cancer was the leading cause of male cancer deaths (156) from 1998-2006. Colon cancer caused 54 deaths and prostate cancer caused 47 deaths during the same time period. In Auglaize County, 19% of male adults are current smokers¹ and 29% have stopped smoking for one or more days in the past 12 months because they were trying to quit. (Source: 2008 Auglaize County Health Assessment)
- ◆ According to the American Cancer Society, smoking causes 87% of lung cancer deaths in the U.S. In addition, individuals living with smokers have a 30% greater risk of developing lung cancer than those who do not have smokers living in their household. Working in an environment with tobacco smoke also increases your risk of lung cancer.
- ◆ The Ohio Department of Health reports that lung cancer was the leading cause of female cancer deaths (n=97) followed by breast (n=75) and colon & rectum (n=43) cancers in Auglaize County from 1998-2006. Approximately 17% of female adults in the county are current smokers¹ and 20% have stopped smoking for one or more days in the past 12 months because they were trying to quit. (Source: 2008 Auglaize County Health Assessment)

Breast Cancer

- ◆ In 2008, 55% of Auglaize County females over the age of 18 reported having had a clinical breast examination in the past year and another 20% had an exam more than a year but less than two years ago.
- ◆ If detected early, the 5-year survival rate for breast cancer is 98%. (Source: American Cancer Society Facts & Figures 2007).
- ◆ For women age 40 and older, the American Cancer Society recommends annual mammograms and annual clinical breast exams. For women in their 20s and 30s, a clinical breast exam should be done at least once every 3 years. Mammograms for women in their 20s and 30s are based upon increased risk (e.g., family history, past breast cancer) and physician recommendation. (Source: American Cancer Society Facts & Figures 2007).

Auglaize County Incidence of Cancer, 2003

- ❖ All Types: 205 cases
- ❖ Colon and Rectum: 28 cases (14%)
- ❖ Breast: 27 cases (13%)
- ❖ Lung and Bronchus: 21 cases (10%)
- ❖ Prostate: 20 cases (10%)

From 2004-2006, there were 310 cancer deaths in Auglaize County.

(Source: Ohio Cancer Incidence Surveillance System & ODH Information Warehouse)

Risk Factors for Cancer:

- ❖ Tobacco Use (Smoking alone causes 1/3 of all cancer deaths)
- ❖ Physical Inactivity
- ❖ Unprotected Exposure to Strong Sunlight
- ❖ Overweight and Obesity
- ❖ Unhealthy Diet
- ❖ Alcohol Use

(Source: American Cancer Society, Detailed Guide: Cancer, What are the risk factors for cancer?)

¹Have smoked over 100 cigarettes in lifetime and currently smoke some or all days.

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Colon and Rectum Cancer

- ◆ The American Cancer Society recognizes any cancer involving the esophagus, stomach, small intestine, colon, liver, gallbladder or pancreas as a digestive cancer. Digestive cancers accounted for 23% of all cancer deaths in Auglaize County from 1998-2006. *(Source: ODH Information Warehouse, Updated 12-5-07)*
- ◆ The American Cancer Society reports several risk factors for colorectal cancer including: age; personal or family history of colorectal cancer, polyps, or inflammatory bowel disease; alcohol use; a high-fat or low-fiber diet and not eating enough fruits and vegetables; physical inactivity; obesity; diabetes; and, smoking.
- ◆ In the U.S., most cases of colon cancer occur to individuals over the age of 50. Because of this, the American Cancer Society suggests that every person over the age of 50 have regular colon cancer screenings. In 2008, almost one-third (30%) of Auglaize County adults ages 50 – 59 and 27% of those over the age of 60 reported having been screened for colorectal cancers within the past 24 months.

Prostate Cancer

- ◆ The Ohio Department of Health statistics indicate that prostate cancer deaths accounted for 10% of all male cancer deaths from 1998-2006 in Auglaize County.
- ◆ African American men are twice as likely as white American men to develop prostate cancer and are more likely to die of prostate cancer. In addition, over 65% of prostate cancers occur in men over the age of 65. Other risk factors include diet, family history and nationality. Prostate cancer is more common in North America and Northwestern Europe, occurring rarely in Asia or South America. *(Source: Cancer Facts & Figures 2007, The American Cancer Society)*

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Auglaize County Cancer Deaths 1998-2006

Type of Cancer	Number of Cancer Deaths	Percent of Total Cancer Deaths
Trachea, Lung and Bronchus	253	28%
Other/Unspecified	103	11%
Colon, Rectum & Anus	97	11%
Breast	76	8%
Prostate	47	5%
Pancreas	44	5%
Non-Hodgkins Lymphoma	41	4%
Leukemia	39	4%
Ovary	31	3%
Esophagus	28	3%
Bladder	23	3%
Kidney and Renal Pelvis	20	2%
Brain and CNS	20	2%
Multiple Myeloma	19	2%
Liver and Bile Ducts	16	2%
Cancer of Corpus Uteri	15	2%
Melanoma of Skin	13	1%
Stomach	10	1%
Lip, Oral Cavity & Pharynx	8	1%
Cancer of Cervix Uteri	7	< 1%
Larynx	5	< 1%
Hodgkins Disease	5	< 1%
Total	920	100%

(Source: ODH Information Warehouse)

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Auglaize County Number of Cancer Cases, 1996-2003

Year	All Sites	Female Breast	Colon & Rectum	Lung	Prostate
1996	174	25	33	30	12
1997	195	41	18	27	15
1998	225	32	30	31	21
1999	234	48	32	29	27
2000	274	40	47	40	25
2001	240	36	33	41	29
2002	197	23	23	31	19
2003	205	27	28	21	20

(Source: Ohio Cancer Incidence Surveillance System)

Estimated Auglaize County Number of Cancer Cases, 2006

Estimated Number in 2006	All Sites	Female Breast	Colon & Rectum	Lung	Prostate
New cancer cases	219	33	23	28	36
Cancer deaths	89	7	9	23	5
People who will eventually develop cancer	19,372	1,343	2,638	3,067	4,103
People who will eventually die of cancer	9,835	690	1,044	2,503	710

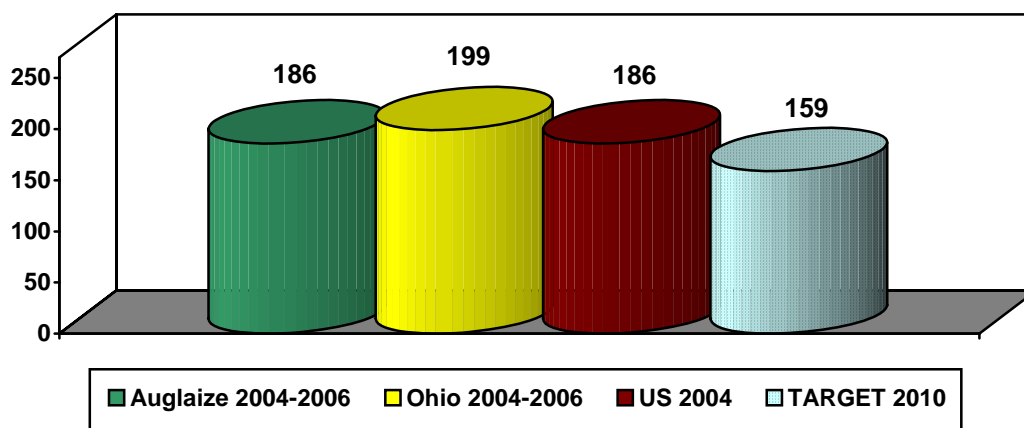
Note: Estimates calculated for Auglaize County are based on 2000 U.S. Census population figures for the county and suggested equation multiples from the *Cancer Facts & Figures 2006* published by the American Cancer Society (ACS). ACS cautions: “These figures provide only a rough approximation of the number of people in a specific community who may develop or die of cancer. These estimates should be used with caution because they do not reflect the age or racial characteristics of the population, access to detection and treatment, or exposure to risk factors.” The American Cancer Society recommends using data from state cancer registries, when it is available, for the most accurate local cancer statistics.

Cancer

The following graphs show the Auglaize County, Ohio and U.S. age-adjusted mortality rates (per 100,000 population, 2000 standard) for all types of cancer in comparison to the Healthy People 2010 objective, totaled and by gender. The graphs indicate that:

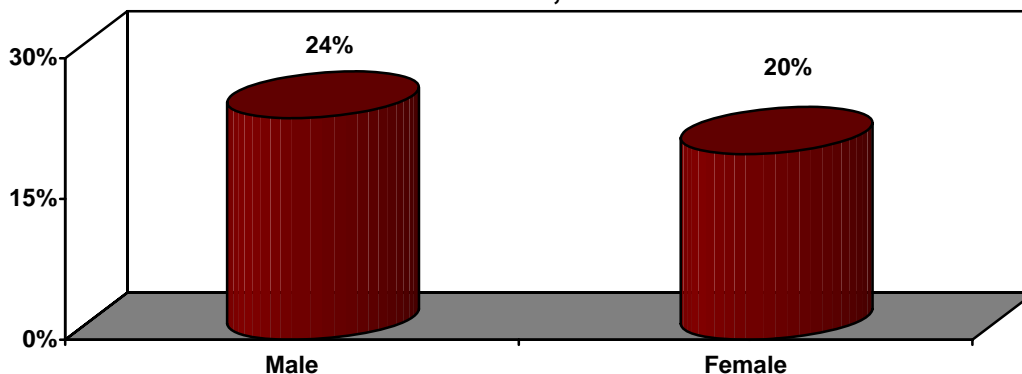
- ◆ When age differences are accounted for, Auglaize County had a lower mortality rate than the state. The Auglaize rate exceeded the Healthy People 2010 target objective and the nation.
- ◆ The percentage of Auglaize County males who died from all cancers is higher than the percentage for Auglaize County females.

**Healthy People 2010 Objective
and Age-Adjusted Mortality Rates for All Cancers***



**Age-adjusted rates/ 100,000 population, 2000 standard
(Source: ODH Information Warehouse, CDC Wonder: DATA 2010 the Healthy People 2010 Database)*

**Cancer As Percent of Total Deaths in Auglaize County by
Gender, 1998-2006**



(Source: ODH Information Warehouse)