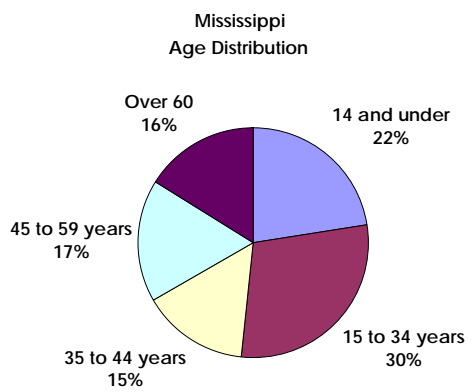


## Demographics<sup>1</sup>

	Mississippi	United States
<b>Population</b>	2,844,658	281,421,906
<b>Sex</b>		
Male	48.3%	49.1%
Female	51.7%	50.9%
<b>Race</b>		
White	61.4%	75.0%
Black or African Am	36.3%	12.3%
AI and AN	0.4%	0.9%
API	0.0%	3.7%
Other	0.5%	5.5%
Hispanic or Latino	0.8%	12.5%
Not Hispanic or Latino	60.7%	87.5%
<b>Geography</b>		
Urban	49.2%	79.0%
Rural	50.8%	21.0%

*Mississippi has a population of 2,844,658, which represents 1.0% of the total United States population.*



## State Cancer Facts

	Mississippi	United States
<u>Annual Incidence Rate</u> Cases per 100,000 <sup>2</sup>	****	462.2
Estimated New Cancer Cases, 2006 <sup>4</sup>	15,120	1,399,790
<u>Annual Cancer Deaths</u> per 100,000, 2003 <sup>5</sup>	212.0	190.1
Cancer Death Rate, 2003		
White	197.7	188.3
Black	252.1	234.5
AI/AN	**	121.0
Asian or Pacific Islander	**	114.3
Hispanic	**	127.4

## National Cancer Facts<sup>4</sup>

- More than 10 million people in the U.S. are currently living with cancer.
- More than 1.39 million people in the U.S. will be diagnosed with cancer this year.
- 65% of adults diagnosed with cancer today will be alive 5 years from now.
- 78% of children diagnosed today will be alive 5 years from now.
- 1 in 3 people will be diagnosed with cancer during their lifetime.
- 3 in 4 families will care for a family member with cancer.

## LAF Mission

The Lance Armstrong Foundation (LAF) inspires and empowers people affected by cancer. We help people with cancer focus on living; we believe unity is strength, knowledge is power and attitude is everything. From the moment of diagnosis, the LAF provides the practical information and tools people with cancer need to live life on their own terms.

# Programs & Partnerships

## Community Program

The LAF Community Program provides financial support and capacity-building to community-centered initiatives that address the physical, emotional and practical challenges of cancer survivorship. Through its Community Program, the LAF awards grants to community, nonprofit organizations to serve the needs of people living with cancer. The LAF also offers its Community Program partners regular training, technical assistance and the opportunity to discuss challenges and exchange best practices at an annual Community Program conference.

Since its inception in 2001, the LAF Community Program has awarded more than \$3.7 million to nonprofit organizations across the country. Visit [Community Program](#) at [livestrong.org](http://livestrong.org) to learn more.

### **Delta Regional Medical Center, Greenville (2004) - \$16,299**

Through a 2004 grant from the LAF, Delta Regional Medical Center (DRMC) is providing a new exercise program, Life Enhancement Activity Program (LEAP): A Fitness Program for Cancer Survivors available to any adult cancer patient living in the area. Project LEAP is designed to reduce fatigue and improve overall well-being of cancer patients by encouraging increased physical activity. Participants attend exercise classes twice a week for eight weeks at DRMC. For those referred to the program who may be unable to attend the group exercise classes due to transportation, scheduling difficulties or physical limitations, DRMC provides a "Sit and Be Fit" video. The group exercise classes are scheduled to precede the cancer support group, thus encouraging LEAP participants to stay for the support group activities.

### **Health Care Foundation of North Mississippi, Tupelo (2003) \$24,072**

The Health Care Foundation of North Mississippi is a nonprofit fundraising organization for the North Mississippi Health Services system, which operates five wellness centers in rural counties in northeastern Mississippi and northwestern Alabama. A grant from the LAF enabled North Mississippi Health Services to provide physical activity programs for people living with cancer and to promote physical activity and its related benefits. To promote patient participation, a portion of grant funds were used for physician education and specialized training in cancer wellness for health instructors.

## National Partnerships

The LAF National Partnerships Program offers a coordinated, comprehensive approach to cancer survivorship. Through the program, the LAF identifies, evaluates and forms long-term cooperative agreements with national nonprofit organizations, which leverage the strengths and resources of both organizations. Visit our [National Partnerships](#) page to learn more about the partnerships and the positive

impact they are having on cancer survivorship across the country.

### **The Alliance of State Pain Initiatives (2006) - \$254,427**

The Alliance of State Pain Initiatives (ASPI) is a network of State-based Pain Initiatives (SPIs) – organizations that work to overcome pain relief barriers through education, institutional improvement and advocacy. SPIs are made up of healthcare professionals, administrators, educators, researchers and patient advocates dedicated to improving care for persons with pain. The ASPI and the LAF are working together to improve cancer pain management nationwide by providing infrastructure, financial and programmatic support to the SPIs. ASPI is focused on developing the capacity of SPIs and creating the tools that will help them achieve their goals. The ASPI will offer grants and programmatic support to enable the SPIs to carry out projects directed at overcoming the barriers to pain relief.

### **American Society of Clinical Oncology Foundation (2006) - \$320,000**

The LAF entered into a five-year cooperative agreement with the American Society of Clinical Oncology (ASCO), the world's leading professional organization representing physicians who treat people with cancer, to raise awareness about the field of survivorship, and the myriad issues experienced by survivors, within its membership. Components of the cooperative agreement include a separate track of educational survivorship courses and sessions within ASCO's annual meeting; a three-year Career Development Research Award offered through ASCO to fund survivorship research by a physician with a faculty appointment in the early stages of his or her career; and a month-long public forum, called "Ask the Experts," focused on survivorship.

### **Association of Oncology Social Workers (2006) - \$85,000**

The LAF is partnering with the Association of Oncology Social Workers (AOSW) in a capacity-building project to help AOSW more effectively describe and promote the professional services of oncology social workers to other professionals, professional organizations and the general public. The LAF will learn from oncology social workers about the needs of survivors and their families to create easy to use educational information on a national level. AOSW was selected due to their unique and extensive role in providing a wide range of case management and psychosocial services to all cancer survivors including post-treatment survivors, whose needs are often overlooked. Oncology social workers provide most of the psychosocial and practical services to post-treatment survivors. The AOSW mission "to advance excellence in the psychosocial care of persons with cancer, their families, and caregivers through networking, education, advocacy, research and resource development" is in direct alignment with the programmatic activities of the LAF and also with the LAF goals to provide hope and assistance to survivors and their families.

**Education Network to Advance Cancer Clinical Trials (2006-2007) - \$1,107,705**

Founded in 2004 by advocates, educators and clinicians, Education Network to Advance Cancer Clinical Trials (ENACCT) follows a mission to identify, implement and validate innovative approaches to cancer clinical trials education, outreach and recruitment to improve outcomes for all. There is an important need to develop effective approaches to address the problems of cancer clinical trial access, accrual and awareness. Nationally, fewer than five percent of all adult cancer patients participate in clinical trials; this rate is even lower among racial and ethnic minorities as well as the medically underserved. ENACCT is the only national organization devoted solely to implementing and evaluating cancer clinical trial educational efforts. The LAF and ENACCT are partnering to implement the Pilot Education Program (PEP), a community-centered education program designed to identify promising approaches to increase awareness about clinical research. In January 2006, three community partnerships were selected to participate in the three-year pilot. These partnerships, located in Boston, Decatur, IL, and Tacoma, WA, are now developing innovative approaches to foster awareness about cancer clinical trials, enhance their acceptability and improve access to them. To support their efforts, ENACCT is providing ongoing Train-the-Trainer programs, technical assistance and evaluation support.

**FertileHOPE (2006) - \$250,000**

Fertile Hope is a national nonprofit organization dedicated to providing reproductive information, support and hope to cancer patients whose medical treatments present the risk of infertility. Fertile Hope is meeting the needs of cancer patients and survivors through programs in awareness, education, financial assistance, support and research. The organization was founded in 2001 by cancer survivor Lindsay Nohr Beck as a result of her own endeavors to preserve her fertility in the face of critical cancer treatments. Today, Fertile Hope is made up of a team of business, medical and scientific professionals equipped with the necessary experience, skills and dedication to effectively meet the needs of patients at risk of infertility. Through a three-year cooperative agreement with the LAF, Fertile Hope will develop educational programs that are intended to increase knowledge and positively change attitudes and behaviors regarding cancer and fertility; develop effective, sustainable programs to increase access to fertility preservation treatments; and provide a vehicle to fund cancer and fertility research.

**Leukemia and Lymphoma Society (2006) - \$163,450**

The Leukemia & Lymphoma Society and the LAF have collaborated to develop *Welcome Back: Facilitating the Return to School for Children with Cancer*, a program to help school personnel facilitate childhood cancer survivors' return to school. The goal of this program, which focuses on both the short-term and late effects of childhood cancer, is to increase the knowledge of school teachers, nurses, social workers, guidance counselors and administrators working with childhood cancer survivors from the point of diagnosis and beyond. After completing the pilot programs, a national curriculum and model for school re-

entry was created and implemented in all of the Society's chapters nationwide. Along with the program, an educational booklet for parents, *Learning and Living with Cancer: Advocating for Your Child's Educational Needs*, has been developed for national distribution in consultation with a Society-sponsored national task force composed of healthcare and educational professionals.

**National Conference of State Legislatures (2005) - \$123,990**

The NCSL is a bipartisan organization that serves the legislators and staffs of the nation's 50 states, its commonwealths and territories. NCSL provides research, technical assistance and opportunities for policymakers to exchange ideas on the most pressing state issues. NCSL is an effective and respected advocate for the interests of state governments before Congress and federal agencies. NCSL was founded to provide information to legislators to make sound policy decisions based on reliable, objective and comprehensive analyses on pertinent issues. The NCSL and the LAF have partnered to broaden state legislators' awareness of cancer survivorship issues and to support a comprehensive approach by state-level policy makers and health officials to address survivorship needs. Through a one-year cooperative agreement, the NCSL developed and administered a self-assessment tool among state legislators. The tool measured legislator's awareness of policies that affect all areas of cancer survivorship. The NCSL and the LAF also developed the *Cancer Survivorship: State Policy Issues* booklet. This booklet is intended to educate policymakers on the range of issues affecting cancer patients and survivors. Copies of this booklet were distributed to key state legislators. An additional effort to promote awareness of survivorship issues among legislators is a LegisBrief, which will be distributed to all legislators and legislative staff members in the country. The LegisBrief directs readers to LAF and NCSL for additional information and examples of cancer survivorship and policies.

**Northwestern University (2004-2007) - \$200,000**

In partnership with the American Society of Clinical Oncology (ASCO) and the National Cancer Institute (NCI), the LAF will sponsor the Education in Palliative and End-of-life Care for Oncology (EPEC-O) *Train-the-Trainer* workshop. The workshop will offer a comprehensive curriculum to optimize care for patients with cancer throughout the course of their illness. Produced through the EPEC Project at the Buehler Center on Aging at Northwestern University's Feinberg School of Medicine, the *Train-the-Trainer* workshop is a unique educational event that gives cancer care professionals the necessary knowledge and skills to train others about the best practices in supportive oncology and end-of-life care. The workshop addresses the important aspects of comprehensive cancer care, including combining antineoplastic therapy and palliative care, managing pain and symptoms, discussing clinical trials and preventing professional burnout.

The LAF and EPEC-O are partnering to improve communication between healthcare professionals and cancer survivors by educating survivors and caregivers about cancer survivorship issues from the point of diagnosis through long-term treatment effects and end-of-life

care. Through the partnership, EPEC-O will develop a program that includes educational materials to help facilitate a positive, proactive role and relationship between patients and healthcare teams. The program will be launched at the American Society of Clinical Oncology's annual meeting.

#### **Texas Children's Cancer Center (2005) - \$400,000**

The Passport For Care (PFC) is an innovative healthcare project developed by researchers at Baylor College of Medicine that addresses the need to provide childhood cancer survivors with increased access to their medical information and healthcare guidelines. The PFC is an interactive Internet resource that provides the user accurate, timely and individualized healthcare information on a "just-in-time" basis. It is anticipated that eventually the PFC will offer a model for health management support tools that address the needs of all individuals with history of cancer. The PFC is being developed to address the healthcare information needs of the estimated 270,000 long-term survivors of childhood cancer in the United States.

#### **The Wellness Community (2006) - \$261,800**

The Wellness Community is an international nonprofit organization dedicated to providing free support, education and hope to people with cancer and their loved ones. The Wellness Community and the LAF are working together to create a national, community-based program designed to support and empower people with cancer after treatment, called *Live Well! Life Beyond Cancer*. The *Live Well!* program will build upon TWC's popular *Return to Wellness* program, which was created to meet the emotional and physical needs of post-treatment breast cancer survivors. The *Live Well!* program will be available post-treatment for both male and female survivors, regardless of their cancer diagnosis. The program will use interactive education, support, exercise and nutrition to address the long-term effects of treatment as well as the psychosocial needs of survivors during their transition from treatment to post-treatment. The new program will include an interactive workbook and CD-ROM for ongoing support and reinforcement of key messages, research to improve and evaluate the impact of the program and an online version and resources to extend the program to a broader audience of cancer survivors via TWC and LAF websites.

### **LIVESTRONG Young Adult Alliance**

The Lance Armstrong Foundation formed the LIVESTRONG Young Adult Alliance with the knowledge that unity is strength – working together we can raise awareness and effect positive change for young adults with cancer. The Alliance has brought together key voices in the cancer community to improve the survival rates and quality of life for young adults with cancer.

Guided by the research and advocacy recommendations of the Adolescent and Young Adult Oncology Progress Review Group, the Alliance is leading a coordinated national effort to address those factors that contribute to the unequal burden of cancer experienced by young

adults. The Alliance is committed to promoting research and the investigation of the problem, serving as a voice for the issue and promoting effective solutions. Visit [www.livestrong.org/youngadult](http://www.livestrong.org/youngadult) for more information.

### **Cancer Support**

LIVESTRONG SurvivorCare offers assistance to all cancer survivors, including the person diagnosed, caregiver, family and friends through education, treatment options/new treatments in development, counseling services and financial, employment or insurance issues. To speak to someone about receiving services, please call LIVESTRONG SurvivorCare toll-free at 1-866-235-7205 or visit <http://www.livestrong.org/survivorcare> to send them an email. A case manager is available M-F from 9:00 a.m. to 5:00 p.m. EST. LIVESTRONG SurvivorCare has partnered with several organizations to provide these services; our partners include CancerCare, Patient Advocate Foundation and EmergingMed.

**LIVESTRONG SurvivorCare provided services for survivors in all 50 states plus the District of Columbia and in 4 US Territories.**

### **Get Involved**

#### **Join the Advocacy Team and Support Change in Mississippi and Nationwide**

The LAF is working on Capitol Hill and in local communities to shed light on issues that are important to cancer survivors. By joining together in our communities and nationwide, we can help improve our healthcare system to better support the needs of people affected by cancer.

As an Advocacy Team member, you can choose your level of involvement. Activities include contacting your elected officials and spreading the word, volunteering at a local cancer support group and organizing your own community event to raise awareness about the need for cancer to be a national priority. Throughout the year, the LAF will conduct trainings, conference calls, online meetings, skill-building sessions, and will join together for an annual LIVESTRONG Day in Washington, D.C., and in communities across the nation.

Get involved today! Join the LAF Advocacy Team at [www.livestrong.org/jointheteam](http://www.livestrong.org/jointheteam).

### **LIVESTRONG Summit**

More than 600 cancer survivors from across the United States took part in the inaugural LIVESTRONG Summit on October 27 – 29, 2006, in Austin, Texas. Throughout the weekend survivors were develop personal action plans to help broaden awareness and meet the physical, practical and emotional needs of cancer survivors in their

communities. Delegates left Austin prepared to energize their state's survivorship population and help change the face of cancer survivorship. Visit [www.livestrong.org/summit](http://www.livestrong.org/summit) for more information.

## LIVESTRONG™ CHALLENGE

The LIVESTRONG Challenge is the LAF's signature fundraising event where people can walk, run or ride to support the LAF's mission to inspire and empower people affected by cancer. Visit [www.livestrongchallenge.org](http://www.livestrongchallenge.org) to learn more.

## Survivorship Initiatives in State Comprehensive Cancer Control Plan

In order to coordinate and maximize cancer control efforts, each state has worked to build a coalition dedicated to assessing the local cancer burden, determining the priorities for cancer prevention and control, and developing and implementing a plan for comprehensive cancer control.

Visit [http://cancercontrolplanet.cancer.gov/state\\_plans.jsp](http://cancercontrolplanet.cancer.gov/state_plans.jsp) to view your state's complete plan.

Contact your state's Comprehensive Cancer Control Coalition to see how you can get involved in the survivorship activities in your state.

### Program Contact

Comprehensive Cancer Control Program  
Mississippi Department of Health  
Division of Health Promotion  
570 East Woodrow Wilson  
P.O. Box 1700  
Jackson, MS 39215-1700  
(601) 576-7831  
Fax (601) 576-7444

## State Pain Policies <sup>6</sup>

Chronic pain is a part of daily life for more than 50% of all cancer patients and survivors. The LAF is helping to support the Pain & Policy Studies Group (PPSG) at the University of Wisconsin Comprehensive Cancer Center to examine policies that govern pain management practices for cancer patients in all 50 states and the District of Columbia.

PPSG's Progress Report Card is a tool that can be used to achieve more positive and consistent state policy on the use of controlled substances for pain management of acute cancer pain, palliative care, and end-of-life care.

**Mississippi's state pain grade improved from a C (2003) to a C+ in 2006.**

16% of states received an average grade, while 82% scored above a C and only 2% fell below the average. Visit the University of Wisconsin's Pain and Policy Studies Group's

Web site [www.medsch.wisc.edu/painpolicy](http://www.medsch.wisc.edu/painpolicy) to learn more about what you can do to make a difference in your state's pain policies.

## State Pain Initiatives

Following the model of the Wisconsin Cancer Pain Initiative, the first State Pain Initiatives were formed to improve the management of cancer-related pain. State Pain Initiatives participate in numerous outreach and educational programs to improve health care professionals' ability to assess and manage pain. They are also active in addressing institutional and regulatory barriers to the treatment of cancer pain. State Pain Initiatives have become widely recognized as an effective force in improving the management of pain, and many expanded their educational, outreach and advocacy efforts to address the under treatment of all types of pain; acute, chronic non-cancer, as well as cancer pain.

Visit [www.aspi.wisc.edu](http://www.aspi.wisc.edu) for more information State Pain Initiatives and to find out how you can get involved in the cancer-related pain management activities in your state.

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\* Data not available.

\*\* Data has been suppressed to ensure confidentiality and stability of rate estimates.

\*\*\* Data does not include cases diagnosed in other states because data exchange agreements prohibit the release of data to third parties.

\*\*\*\* Data not provided because it did not meet USCS data quality standards for one or more years during the rate period of data collection. While 93% of the US population resided in geographic areas with population-based cancer registries meeting the registry eligibility criteria for 2002, 7% of the US population was not yet represented in the [United States Cancer Statistics](#). American Cancer Society's Facts & Figures provides estimates of numbers of new cancer cases and deaths.

<sup>1</sup> Source: US Census Bureau, 2000

<sup>2</sup> Incidence rates (cases per 100,000 population per year) are age-adjusted to the 2000 US standard population by five-year age groups.

<sup>3</sup> Source: State Cancer Registry and the National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS), CDC, January 2005 data submission, as published in [United States Cancer Statistics](#), November 2005.

<sup>4</sup> Source: American Cancer Society Facts and Figures, 2006. Rounded to nearest ten. Estimate excludes basal and squamous cell skin cancers and in situ carcinomas except urinary bladder.

<sup>5</sup> Source: Death data provided by the [National Vital Statistics System](#) public use data file. Death rates calculated by the National Cancer Institute using [SEER\\*Stat](#). Death rates are age-adjusted to the 2000 US standard population by five-year age groups. Population counts for denominators are based on Census 2000 as [modified](#) by NCI.

<sup>6</sup> Source: Pain and Policy Study Group. *Achieving Balance in State Pain Policy: A Progress Report Card*. University of Wisconsin Comprehensive Cancer Center. Madison, Wisconsin, September 2006.