

Connecticut Comprehensive Cancer Control Plan, 2009-2013

Tracking Data

Obj. No.	Objective Description with Target	2002	2003	2004	2005	2006	2007	2008	2009	National 2009 data	2010	2011	2012	2013	Target 2013	Data Source
PREVENTION																
1	Decrease the percentage of adults and youths who currently use tobacco *									National 2009 data						* BRFSS/YRBSS tobacco data is for cigarette smoking only. No available data for chewing tobacco.
	Adults		18.6%	18.1%	16.5%	17.0%	15.4%	15.9%	15.4%	17.9%					12.0%	CT BRFSS
	Male						16.5%	17.3%	16.2%	19.6%						
	Female						14.4%	14.7%	14.7%	16.7%						
	White						15.2%	15.3%	14.7%	17.3%						
	Black						21.9%	14.3%	24.3%	20.5%						
	Hispanic						15.3%	23.2%	14.5%	15.7%						
	Income<\$15K						28.0%	29.5%	30.2%	31.4%					decrease by 25%	
	<High School Education						28.4%	29.3%	22.1%	31.5%						
	High school students		25.5%		18.1%		21.1%		17.8%	19.5%					10.0%	CT YRBSS
	Male				17.8%		19.5%		19.0%	19.8%						
	Female				18.2%		22.6%		16.5%	19.1%						
	White				17.2%		22.4%		20.3%	22.5%						
	Black				11.2%		9.4%		9.6%	9.5%						
	Hispanic				15.0%		22.7%		15.5%	18.0%						
	Middle school students		5.9%		9.8%		3.40%								5.0%	CT Youth Tobacco Survey
2	Increase the proportion of adults and youths who consume at least 5 fruits and vegetables per day															
	Adults		29.8%		27.4%		28.5%		28.3%	23.4%					75.0%	CT BRFSS
	Male						23.2%		23.6%	19.2%						
	Female						33.3%		32.7%	27.7%						
	White						28.7%		28.8%	24.1%						
	Black						25.3%		20.8%	21.3%						
	Hispanic						23.9%		23.3%	21.5%						
	Income<\$15,000						30.5%		32.1%	20.6%						
	<High School Education						20.5%		20.4%	18.3%						
	Youths Grades 9- 12		21.6%*		21.8%		21.5%		21.0%	22.3%					75.0%	CT YRBSS
	Male				24.9%		22.9%		22.5%	23.9%						
	Female				18.7%		20.0%		19.3%	20.5%						
	White				21.7%		20.7%		20.6%	20.5%						
	Black				22.8%		24.6%		24.1%	26.6%						
	Hispanic				20.2%		21.7%		17.0%	22.0%						
3	Increase the proportion of adults and high school students following ACS activity guidelines															
	Adults						52.4%		53.9%	51.0%					70.0%	CT BRFSS
	Male						54.2%		56.9%	53.4%						
	Female						50.8%		51.2%	48.6%						
	White						53.8%		55.2%	51.8%						
	Black						41.5%		42.0%	43.0%						
	Hispanic						46.6%		50.7%	46.5%						
	Income<\$15,000						46.0%		39.5%	39.6%						
	<High School Education						41.9%		38.8%	39.9%						

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	Youth						45.1%		45.2%	37.0%					70.0%	CT YRBSS
	Male						52.7%		56.1%	45.6%						
	Female						37.4%		34.2%	27.7%						
	White						50.5%		50.5%	39.9%						
	Black						34.4%		37.1%	32.6%						
	Hispanic						32.3%		33.1%	33.1%						
	Reduce the percentage of overweight and obese adults and children															
	Overweight adults						37.5%	38.3%	38.0%	36.2%					No>2005 Rate	CT BRFSS
	Male		45.7%		48.5%	47.9%	46.8%	47.0%	47.8%	42.6%						
	Female		25.9%		28.1%	28.7%	28.5%	29.8%	28.2%	29.8%						
	White				37.9%		37.1%	38.1%	38.1%	36.3%						
	Black				40.8%		33.6%	32.3%	29.6%	33.4%						
	Hispanic				42.4%		44.4%	41.7%	44.0%	36.9%						
	Income<\$15,000				38.6%		40.7%	31.6%	29.7%	30.8%						
	<High School Education				38.3%		38.4%	30.6%	38.1%	33.2%						
	Obese adults						21.7%	21.4%	21.0%	26.9%					No>2005 Rate	CT BRFSS
	Male		19.9%		21.0%	21.7%	23.7%	23.3%	22.4%	28.6%						
	Female		18.3%		19.2%	19.5%	19.9%	19.6%	19.7%	26.0%						
	White				19.1%		21.8%	20.2%	19.9%	26.5%						
	Black				35.2%		30.9%	35.4%	39.3%	38.7%						
	Hispanic				24.0%		20.2%	29.9%	29.5%	29.2%						
	Income<\$15,000				23.3%		25.1%	28.2%	36.8%	34.6%						
	<High School Education				28.2%		27.4%	34.4%	26.9%	31.7%						
	Overweight high school students		11.6%		14.7%		13.3%		14.5%	15.8%					no increase	CT YRBSS
	Male				16.3%		14.9%		16.6%	15.7%						
	Female				12.9%		11.5%		12.2%	15.9%						
	White				13.7%		12.3%		13.7%	13.6%						
	Black				16.6%		11.7%		16.7%	21.0%						
	Hispanic				18.4%		19.5%		16.3%	19.6%						
	Obese high school students				11.2%		12.3%		10.4%	12.0%					No>2005 Rate	
	Male				13.9%		16.2%		13.8%	15.3%						
	Female				8.4%		8.2%		6.7%	8.3%						
	White				9.2%		9.6%		8.7%	10.3%						
	Black				15.4%		21.1%		12.5%	15.1%						
	Hispanic				17.9%		17.5%		17.0%	15.1%						
4	Reduce cancer-related environmental exposures at home and in the workplace.															

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Obj. No.	Objective Description with Target	2002	2003	2004	2005	2006	2007	2008	2009	National 2009 data	2010	2011	2012	2013	Target 2013	Data Source
5	Increase percentage of adults and youth who practice sun/ultraviolet protection behaviors.															
	Sunscreen use among adults				50.4%		55.8%* (see notes)								75.0%	HINT Survey
	Sunscreen use among youth						10.3%								75.0%	YRBSS
	Males						10.3%			6.5%						
	Females						13.7%			12.4%						
	White						12.0%			10.6%						
	Black						4.9%			4.8%						
	Hispanic						7.9%			7.5%						
	Sun safety behaviors (stayed in shade, or wore long pants, long sleeves, or hat)						17.4%									YRBSS
	Male						19.4%									
	Female						15.4%									
	White						14.9%									
	Black						21.1%									
	Hispanic						20.9%									
6	Reduce high risk behaviors related to alcohol and sexual activities. Alcohol use not to exceed 2 drinks/day for males and 1 drink/day for females)															
	6a Adult Alcohol Use						5.9%	7.0%	6.2%	5.1%					4.0%	
	Males >2 drinks per day		7.2%	6.0%	4.9%	5.6%	5.9%	8.3%	5.3%	5.8%					4.0%	CT BRFS
	Females >1 drink per day		6.3%	5.9%	6.4%	5.1%	5.9%	5.8%	7.0%	4.2%					4.0%	
	White						6.4%	7.8%	6.5%	5.4%						
	Black						2.4%	2.2%	6.2%	2.9%						
	Hispanic						2.2%	2.1%	3.0%	3.9%						
	Income<\$15,000						2.2%	3.5%	5.9%	3.8%						
	<High School Education						3.5%	6.1%	4.0%	4.0%						
	6b Youth Alcohol Use (consumption of alcohol)		27.2%		45.3%		46.0%		43.5%	41.8%					40%	CT YRBSS
Males				45.0%		46.7%		43.2%	40.8%							
Females				45.5%		45.3%		43.8%	42.9%							
White				49.0%		50.6%		45.6%	44.7%							
Black				31.9%		26.3%		38.1%	33.4%							
Hispanic				38.8%		42.7%		42.5%	42.9%							
Youth who report binge drinking														20%		
Youth condom use *						62.7%		59.4%	61.1%						* data reflects the # of sexually active youth who reported using condoms during their last sexual intercourse	
Male						67.4%		62.9%	68.6%						CT YRBSS	
Females						58.7%		56.1%	53.9%							
White						60.9%		60.8%	63.3%							
Black						N/A		N/A	62.4%							
Hispanic						59.1%		50.6%	54.9%							

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EARLY DETECTION																
1	Increase the percentage of women age 40 and over who have had a mammogram in the past two years		82.4%	81.1%		82.0%		84.1%		National 2008 Data 76.0%					90%	BRFSS
	White					82.5%		84.7%		76.1%						
	Black					81.8%		81.7%		79.4%						
	Hispanic					76.4%		79.8%		73.5%						
	Income< \$15K					64.8%		71.0%		63.3%						
	<High School Education					73.3%		71.5%		65.6%						
2	Increase the proportion of patients who receive timely and appropriate follow-up after receiving abnormal breast cancer screening results (BCCEDP participants)															BCCEDP
	Abnormal breast results with complete follow up		87.2%	94.0%	87.9%	90.3%	94.0%	96.0%	97.0%		93.5%				95%	BCCEDP
	Abnormal breast results: time from screening to diagnosis within 60 days		12.8%	10.3%	7.6%	90.6%	76.0%	77.0%	81.0%		86.0%				95%	BCCEDP
3	Increase the percentage of women over 18 who have had a Pap test within the past 3 years	73.4%		87.8%		86.8%		83.9%		National 2008 Data 82.9%					90%	BRFSS
	White					87.0%		84.8%		83.0%						
	Black					88.9%		N/A		86.5%						
	Hispanic					84.2%		85.2%		85.5%						
	Income< \$15K					71.7%		71.0%		71.6%						
	<High School Education					68.8%		N/A		73.8%						
	Abnormal cervical results with complete follow-up (BCCEDP participants) *see notes						92.0%	99.0%	98.0%		94.5%					BCCEDP
	Abnormal cervical results: time from screening to diagnosis within 90 days (BCCEDP participants) *see notes						76.0%	79.0%	83.0%		84.0%					BCCEDP
	Abnormal breast and cervical results with complete follow-up (BCCEDP participants) *see notes						93.0%	96.0%	97.0%		95.0%					BCCEDP
	Abnormal breast and cervical results: time from screening to diagnosis within 60 days (BCCEDP participants) *see notes						76.0%	77.0%	82.0%		80.0%					BCCEDP
4	Increase percentage of adults 50 and over who have had appropriate colorectal cancer screening									National 2008 Data						
	Colonoscopy or sigmoidoscopy ever					68.7%		69.5%		62.2%						BRFSS
	Men					70.5%		70.8%		61.9%						
	Women					67.3%		68.4%		61.9%						
	White					70.0%		71.0%		64.0%						
	Black					59.6%		N/A		58.6%						
	Hispanic					65.0%		N/A		49.5%						
	Income<\$15K					58.4%		61.8%		52.2%						
	<High School Education					62.8%		60.7%		52.5%						

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	Fecal occult blood in past 2 yrs					26.9%		24.0%		21.0%						BRFSS
	Men					25.5%		23.2%		21.2%						
	Women					27.9%		24.6%		20.6%						
	White					27.7%		24.8%		21.3%						
	Black					27.2%		18.0%		23.8%						
	Hispanic					13.0%		N/A		13.4%						
	Income<\$15K					19.0%		17.2%		17.8%						
	<High School Education					18.1%		15.9%		17.6%						
5	Increase proportion of residents who know the early signs of lung, ovarian, prostate, testicular, skin, and oral cancers.															BRFSS
TREATMENT																
1	Increase the number of health care providers and cancer patients who have recent and comprehensive information about cancer treatment and standards of care									TBD						Surveys, web site hits, CIS
2	Increase the number of CT patients participating in clinical trials															Clinical Trials Network
	# patients in clinical trials									TBD						
	# Clinical sites enrolling patients in CT									TBD						
	# Open clinical trials							235	299							NCI
	Number of hits to info on clinical trials on web site															
3	Increase number of nationally approved cancer programs and oncology certified/specialized healthcare professionals in CT															ACoS CoC
	ACoS approved cancer programs									26						
	Oncology certified nurses									407						
	Other professions															

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SURVIVORSHIP																
1	Increase the proportion of provider referrals and cancer survivors and cancer care providers who access and utilize survivor support services								TBD							surveys
2	Increase the number of health care providers who are knowledgeable about evidence-based survivorship care								TBD							number of educational programs offered, number of attendees, pre-post tests, surveys
3	Increase the number of providers, families, and caregivers who are knowledgeable about the needs of children surviving cancer								TBD							number of educational programs offered, number of attendees, pre-post tests, surveys
4	Increase percentage of cancer survivors who practice positive health behaviors regarding weight, physical activity, tobacco and alcohol use, sun exposure and cancer screenings								TBD							Survivor survey
PALLIATIVE AND HOSPICE CARE																
1	Increase the number of health care professionals (physicians, nurses, social workers, and spiritual counselors) who specialize in or are certified in palliative and hospice care															
	Physicians		N/A						27			20			30	www.aahpm.org
	Nurses								163			199			250	www.nbchpn.org
	Administrators (nursing)								0			0			6	www.nbchpn.org
	Spiritual Counselors														TBD	
	Social workers (new program as of 2008)														TBD	www.socialworkers.org
2	Increase number of healthcare setting offering palliative and hospice care services															www.capc.org/reportcard
	Hospitals								14/26**			19/29*			20/26	** info from www.qualitycheck.org * info from www.chime.org
	Nursing homes										164				TBD	DPH website Facility Licensure Application, alphabetical list of licensed chronic and convalescent nursing homes in CT
	Home care providers								32			24/69* (see notes)			TBD	Healthcare facilities licensure info on www.ct.gov/dph

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		2002	2003	2004	2005	2006	2007	2008	2009	2009 data	2010	2011	2012	2013			
3	Increase the number of people served by palliative and hospice care initiatives																Ct Coalition to Improve End of Life Care
	# trainings in pediatrics, prison, veterans settings									Prison-8							CT AHCH
	# professionals trained in pediatrics, prison, veterans settings									Prison-130							
	#patients served in pediatrics, prison, veterans settings									Prison-63							
4	Increase the percentage of patients receiving effective pain management																www.hospitalcompare.hhs.gov
	Hospitals																
	Long-term Care (LTC) facilities																www.medicare.gov/NHCompare
5	Increase the percentage of Connecticut residents who receive hospice care in a timely manner and at home																Medicare hospice data
	Increase the percentage of Connecticut residents who receive hospice care at home at time of death									27.7%						35%	DPH death registry
	Percentage on Medicare hospice benefit for at least 30 days prior to death									47.4%						50%	Dartmouth Atlas, data from 2003-2007
	Percentage of deaths while on Medicare hospice benefit	(2000) 19.4%			23.8%*					28%						35%	Medicare hospice data * Data from Dartmouth Atlas, 2001-2005, from a collection of 32 hospitals in CT
	Median length of Medicare hospice stay days	(2001) 21 days		21.7	26.0	20.6	45.0									56	
	Mean length of Medicare hospice stay days																
	Median length of Medicaid hospice stay days																
	Mean length of Medicaid hospice stay days																
	Cancer deaths at home in CT residents	26.6%			27.8%	28.4%	29.1%	29.6%	30.9%								CT DPH Death Registry
Snapshot Palliative Data		2003-2007															
	Cancer patients: # of Hospice days in last month of life																Dartmouth Atlas data
	National average				8.7												
	Hartford Hospital Referral Region				6.5												
	New Haven Hospital Referral Region				7.6												
	Bridgeport Hospital Referral Region				6.5												
	Cancer patients: % enrolled in Hospice one month before death																Dartmouth Atlas data
	National average				54.6%												

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	Hartford Hospital Referral Region				45.2%											
	New Haven Hospital Referral Region				50.7%											
	Bridgeport Hospital Referral Region				46.3%											

GENERAL CANCER TRENDS

	Overall cancer deaths (per 100,000 population), all ages	2002-2004 CT data (US data)	2005-2007 CT data (US data)													healthindicators.gov (data in three-year increments only). Data pulled from NVSS-M(CDC, NCHS)
	Men	212.9 (201.3)	202.2 (197.4)													
	Women	198.4 (181.5)	197.4 (177.5)													
	White	221.5 (203.4)	216 (199.5)													
	Black	128.2 (164.1)	126.7 (160.4)													
	Hispanic	49.5 (59.9)	52.7 (60.5)													
	Breast cancer deaths (per 100,000 women), all ages	2002-2004 CT data (US data)	2005-2007 CT data (US data)													healthindicators.gov (data in three-year increments only). Data pulled from NVSS-M(CDC, NCHS)
	All	30.3 (28.0)	29.4 (26.9)													
	White	32.3 (29.2)	31.3 (27.9)													
	Black	20.5 (28.1)	22.3 (27.9)													
	Hispanic	N/A (9.5)	N/A (9.5)													
	Colon cancer deaths (per 100,000 population), all ages	2002-2004 CT data (US data)	2005-2007 CT data (US data)													healthindicators.gov (data in three-year increments only). Data pulled from NVSS-M(CDC, NCHS)
	Men	20.2 (19.4)	16.7 (18.3)													
	Women	20.3 (18.7)	18.8 (17.4)													
	White	21.8 (20.0)	19.1 (18.6)													
	Black	13.3 (17.9)	12.7 (17.4)													
	Hispanic	5.8 (6.1)	N/A (6.1)													
	Lung cancer deaths (per 100,000 population), all ages	2002-2004 CT data (US data)	2005-2007 CT data (US data)													healthindicators.gov (data in three-year increments only). Data pulled from NVSS-M(CDC, NCHS)
	Men	59.3 (62.9)	54.4 (60.5)													
	Women	49.4 (46.0)	50.2 (45.8)													
	White	59.1 (58.6)	57.2 (57.4)													
	Black	29.8 (43.0)	28.4 (48.1)													

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		2002	2003	2004	2005	2006	2007	2008	2009	2009 data	2010	2011	2012	2013			
	Hispanic	8.9 (10.4)			10.1 (10.1)												
	Prostate cancer deaths (per 100,000), all ages	2002-2004 CT data (US data)			2005-2007 CT data (US data)												healthindicators.gov (data in three-year increments only). Data pulled from NVSS-M(CDC, NCHS)
	All	24.1 (20.7)			22.9 (19.5)												
	White	25.6 (20.8)			24.3 (19.6)												
	Black	19.0 (27.2)			19.1 (25.5)												
	Hispanic	N/A (5.9)			N/A (6.0)												
	Prostate cancer Medicare beneficiaries*	2002	2003	2004	2005	2006	2007	2008 CT data (US data)	2009		2010	2011	2012	2013		healthindicators.gov, data pulled from CCW(CMS) for 2008 only	
	All							3.6% (3.4%)									
	White							3.7% (3.4%)									
	Black							4.5% (4.5%)									
	Hispanic							2.6% (2.7%)									
	Breast cancer Medicare beneficiaries*															healthindicators.gov, data pulled from CCW(CMS) for 2008 only	
	All							2.7% (2.1%)									
	White							2.7% (2.2%)									
	Black							2.4% (2.0%)									
	Hispanic							1.9% (1.5%)									
	Colorectal cancer Medicare beneficiaries*															healthindicators.gov, data pulled from CCW(CMS) for 2008 only	
	All							1.2% (1.0%)									
	White							1.2% (1.1%)									
	Black							1.3% (1.1%)									
	Hispanic							1.2% (0.9%)									
	Lung cancer Medicare beneficiaries*															healthindicators.gov, data pulled from CCW(CMS) for 2008 only	
	All							1.2% (1.1%)									
	White							1.2% (1.1%)									
	Black							1.1% (1.0%)									
	Hispanic							0.7% (0.5%)									