

VITAL STATISTICS

Selected Births and Death Statistics

Table 62 and Figure 33 provide information on the number of births and deaths in Champaign County from 1990 to 2009. The number of births in Champaign County continuously exceeds the number of deaths, yet the

difference between the number of births and deaths tends to be declining despite year to year fluctuations. Table 63 highlights selected birth characteristics in Illinois and Champaign County for the year 2009.

Table 62: Births and Death Totals in Champaign County: 1990-2009

Year	Births	Deaths
1990	2,574	1,035
1991	2,562	988
1992	2,426	1,018
1993	2,337	1,082
1994	2,240	1,146
1995	2,117	1,075
1996	2,270	1,092
1997	2,175	1,023
1998	2,128	1,063
1999	2,194	1,048
2000	2,260	1,107
2001	2,312	1,241
2002	2,226	1,150
2003	2,288	1,187
2004	2,291	1,192
2005	2,490	1,218
2006	2,455	1,127
2007	2,508	1,115
2008	2,482	1,147
2009	2,407	--

Figure 33: Births and Deaths in Champaign County

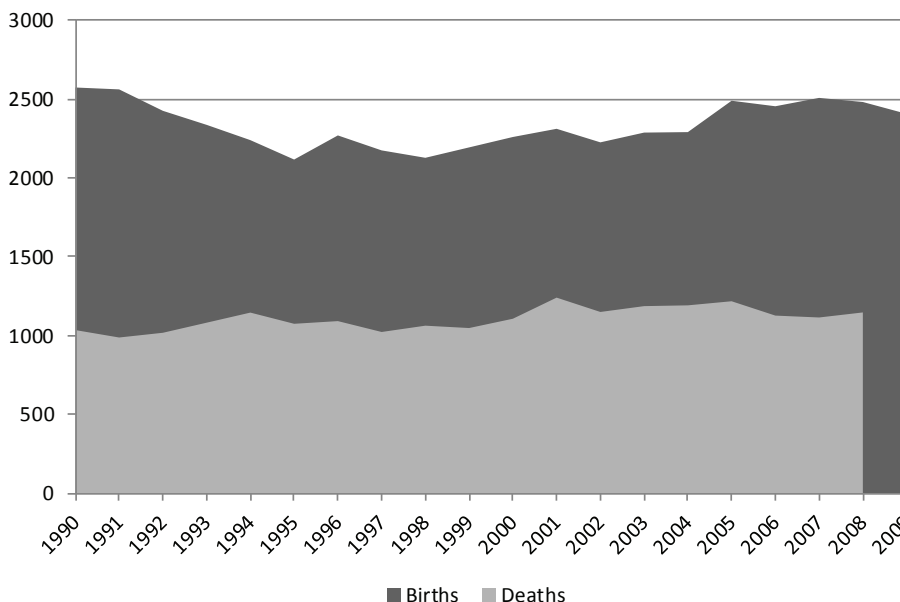


Table 63: Birth Characteristics for Illinois and Champaign County Residents: 2009

Characteristic	Illinois		Champaign County	
	Number	Percent	Number	Percent
Total Births	171,077	--	2,407	--
Low Birth Weight (<2,500 grams)	14,372	8.4%	175	7.3%
Very Low Birth Weight (<1,500 grams)	2,655	1.6%	30	1.2%
Pre term (<37 weeks)	17,109	10.0%	202	8.4%
Adequate Prenatal Care**	125,932	80.2%	1,699	83.9%
Cesarean Section**	53,296	31.5%	750	31.5%
Mother Unmarried	69,728	40.8%	914	38.0%
Not H.S. Graduate, Age 20+**	21,313	14.0%	147	6.8%

Source: Illinois Department of Public Health

Notes: The sum of certain variables may not equal the total due to unknown geography and/or demographics; -- Denotes information that was not available at the time.

**Unknowns excluded from denominator when calculating percentage.

Table 64 provides information on prenatal care by race for 2000 to 2006. Table 65 shows trends of the number of low birth weight babies born in Champaign County from 2000 to 2006.

Table 66 on the following page includes Infant Mortality Rates per 100,000 Live Births by Race in Champaign County for 1990, 2000, and 2005 to 2009 as well as the demographics of death and causes of death for Champaign County. Infant mortality is a measure of overall maternal and child health and reflects social conditions such as poverty, poor nutrition, lack of education, and inadequate medical care. Low birth weight, premature

birth, and birth defects are among the leading causes of infant death and also increase the risk for developmental and learning disabilities, impaired vision, and other health problems.

In 2007, Champaign County's rate of 6.8 deaths per 1,000 live births was slightly higher than the state's rate of 6.73. Infant mortality in Champaign County varies greatly depending on race.

Tables 66 and 67 contain information on the causes of death by race for Champaign County for 2006 and the demographics of deaths in Illinois and Champaign County for 2008.

Table 64: Babies Receiving First Trimester Prenatal Care as a Percentage of Live Births by Race: 2000-2006

Year	Asian		Black		White		Other	
	Number	% of Live Births	Number	% of Live Births	Number	% of Live Births	Number	% of Live Births
2000	146	82.5%	275	69.6%	1,466	87.5%	9	69.2%
2001	134	78.4%	297	69.6%	1,399	82.3%	8	57.1%
2002	169	83.7%	316	76.1%	1,393	87.0%	7	87.5%
2003	135	81.3%	288	69.9%	1,471	86.6%	9	81.8%
2004	176	81.4%	290	68.4%	1,383	84.5%	15	88.2%
2005	166	87.4%	297	65.1%	1,484	81.4%	16	76.2%
2006	182	85.0%	305	61.5%	1,431	82.3%	6	85.7%

Source: IPLAN - Illinois Project for Local Assessment of Needs. Illinois Department of Public Health, Illinois Center for Health Statistics, 2006.

Table 65: Low Birth Weight Babies as a Percentage of Live Births by Race for Champaign County: 2000 - 2006

Year	Asian		Black		White		Total	
	Number	% of Live Births	Number	% of Live Births	Number	% of Live Births	Number	% of Live Births
2000	12	6.8%	57	14.4%	95	5.7%	164	7.3%
2001	8	4.7%	44	10.3%	114	6.7%	166	7.2%
2002	12	5.9%	52	12.5%	110	6.9%	175	7.9%
2003	10	6.0%	72	17.5%	110	6.5%	193	8.4%
2004	17	7.9%	45	10.6%	115	7.0%	177	7.7%
2005	7	3.7%	57	12.5%	146	8.0%	214	8.6%
2006	15	7.0%	82	16.5%	107	6.2%	204	8.3%

Source: IPLAN - Illinois Project for Local Assessment of Needs. Illinois Department of Public Health, Illinois Center for Health Statistics, 2006.

Table 66: Infant Mortality Rate per 1,000 Live Births by Race: 1990, 2000, 2005-2009

Year	Illinois				Champaign County				Champaign-Urbana			
	Total	Asian	Black	White	Total	Asian	Black	White	Total	Asian	Black	White
1990	10.7	--	22.1	7.6	--	--	--	--	--	--	--	--
2000	8.3	--	16.3	6.5	--	--	--	--	--	--	--	--
2005	7.2	3.4	15.4	5.7	8.24	--	7.64	9.55	7.8	--	9.2	8.7
2006	7.4	3.7	14.4	6.1	9.8	--	--	--	--	--	--	--
2007	6.73	3.9	14.16	5.22	6.8	9.52	8.28	3.55	5.1	10.9	7.2	3.1
2008	--	--	--	--	5.01	--	7.9	4.7	6.3	--	9.37	5.96
2009	--	--	--	--	4.26	--	--	--	4.43	--	--	--

Source: Champaign Urbana Public Health District

Table 67: Champaign County Selected Causes of Death by Race: 2006

Causes of Mortality	Total for All Races	White	Black	Asian	Other
Perinatal Conditions	973	519	389	--	64
Accidents	880	457	378	--	44
Malignant Neoplasms	870	683	187	--	--
Diseases of Heart	518	398	93	27	--
Motor Vehicle Accidents	465	345	85	--	44
Coronary Heart Disease	344	266	51	27	--
Suicide	228	228	--	--	--
Lung Cancer	190	154	36	--	--
Congenital Malformations	182	127	--	54	--
Lymph & Hemato Cancer*	119	--	64	--	--

Source: IPLAN - Illinois Project for Local Assessment of Needs, Illinois Department of Public Health, Illinois Center for Health Statistics, 2006
 Notes: -- Indicates that data is not available. This is not a complete list of the causes of death for 2006.

Table 68: Demographics of Deaths in Illinois and Champaign County: 2008

	Illinois	Champaign County
Total Deaths	103,069	1,147
Male	49,809	554
Female	53,260	593
Race		
White	86,032	980
Black	15,561	154
White	1,476	13
Hispanic Origin	3,773	7
Age Group (Years)		
< 1	1,263	15
1 to 14 Years	401	4
15 to 24 Years	1,290	20
25 to 44 Years	4,584	52
45 to 64 Years	19,379	199
65 to 84 Years	43,406	468
85+ Years	32,746	389

Source: Illinois Department of Public Health, Illinois Center for Health Statistics