

HEALTHY CHICAGO

TRANSFORMING THE HEALTH OF OUR CITY

Chicago Department of Public Health



Births in Chicago, 1999-2009

December 2012



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REPORTED BY

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Improving the health and well-being of mothers and infants, one of the strategic priorities set forth in *Healthy Chicago*, is essential to becoming our nation's healthiest city. I'm pleased to present *Births in Chicago, 1999-2009*, which tracks Chicago's progress in maternal and child health and points to areas in need of improvement.

This report provides a comprehensive analysis of indicators related to maternal demographic characteristics, maternal health and medical services utilization, and infant health characteristics from 1999 to 2009. The data demonstrate that Chicago has made progress in many areas, including increases in rates of women receiving prenatal care and decreases in teen births and smoking during pregnancy. Despite these successes, disparities exist among racial-ethnic groups and there were limited improvements in preterm and low birthweight births.

Through the strategies outlined in *Healthy Chicago*, the Chicago Department of Public Health (CDPH) is committed to reducing the teen birth rate and rate of low birthweight babies by 10%. These goals will be accomplished, in part, through the work of our Office of Adolescent and School Health and Women and Children's Health Division, which includes such efforts as our Teen Pregnancy Prevention Initiative, conducted in partnership with Chicago Public Schools, and home visiting to pregnant and new mothers in Chicago. The work of our community partners remains critical to reaching our goals.

The data in this report will assist CDPH and community partners in tracking progress and developing the targeted policies, programs, and education and public awareness activities necessary to reach the goals set forth in *Healthy Chicago*. I look forward to working with all maternal and child health stakeholders to build on our successes and ensure the health and well-being of all Chicago mothers and babies.

Bechara Choucair, M.D.
Commissioner of Public Health

HIGHLIGHTS

This epidemiologic report presents statistics related to births in Chicago over the 11-year period 1999 to 2009. Counts, rates, and percentages are presented by maternal demographic characteristics (e.g., age, race-ethnicity, education, marital status), maternal health and healthcare services utilization (e.g., medical risk factors, prenatal care, method of delivery) and infant health characteristics (e.g., gestational age, birthweight, plurality, abnormal conditions). The tables and figures provide evidence of trends and relationships between variables, and are intended to support healthcare and public health professionals and organizations concerned with perinatal health in the development of policies and programs, grant writing, and advocacy. It is also hoped that the data will generate hypotheses for local research on maternal and child health issues.

In 2009, 44,441 **births** were reported to Chicago female residents, a decrease of 12% from 1999. Birth and fertility rates also declined overall, but this trend was not seen across all racial-ethnic groups. **Birth and fertility rates** increased for non-Hispanic (NH) whites, though the rates remained higher for Hispanics and NH blacks throughout the 11-year period. The **teen birth rate** decreased 33% from 1999 to 2009, but Chicago's rate is still one-and-a-half times that of the United States. The teen birth rates for Hispanics and NH blacks are higher than those in NH Asians and NH whites. The **birth rate for women aged 35-44 years** has increased more than 40% since 1999. Rates have risen most in NH Asian and NH white populations, modestly in Hispanics and remained level in NH blacks. Similarly, the mean age at first birth has also increased from 1999 to 2009 by 2 years (23.5 to 25.5). An increase was observed in all four of Chicago's largest racial-ethnic groups.

More than half of all births to Chicago residents were to **unmarried women** in 2009. While national estimates of births to unmarried women have increased steadily over time, the percentage in Chicago has not changed substantially in recent years. The Chicago percentage for 2009 is 20% higher than that of the U.S. overall (see Table 1). There are substantial differences in marital status among mothers by race-ethnicity. Almost 85% of births to NH black women were to unmarried women, while less than 15% of births to NH Asian and NH white women were to unmarried women. The percentage of births to Hispanic women who were unmarried increased by 25% from 1999 and 2009.

Cigarette smoking during pregnancy decreased by more than half between 1999 and 2009, to 3.8%. Smoking was reported most frequently among 20-24 year old women (5.4%) and NH black women (9%). Reported smoking rates were below 1% for births to Hispanic and NH Asian women.

The percentage of births to **women who initiated prenatal care in the first trimester of pregnancy** increased by more

than 10% between 1999 and 2009, to 84.3%. This increase was seen in all four racial-ethnic groups. This proportion exceeded the Healthy People 2020 target of 77.9%.¹ In 2009, NH white women had the highest proportion of births for which prenatal care was initiated in the first trimester (92.6%) and NH blacks had the lowest (75.6%). Initiation of prenatal care also differed by age of mother. Mothers aged 35-44 years had percentages 26% higher than teens aged 15-19 years. The percentage of women receiving **early and adequate prenatal care** during their pregnancy also increased between 1999 and 2009 to 74.2%, an increase of 18%. Hispanic, NH Asian and NH white women reached similar levels by 2009, while the estimate for NH blacks was 10 percentage points lower.

The rate of **Cesarean delivery** increased by more than 50% between 1999 and 2009, to 28.7%. This trend is seen nationally, though Chicago's 2009 rate was less than that of the U.S.² In Chicago, Hispanics had the lowest rate of Cesarean deliveries (26.1 per 100 births). The rates for NH Asian, NH black and NH white births are slightly higher at 30 per 100 births. By age group, the rate of Cesarean deliveries is highest for 35-44 year old mothers and lowest for 15-19 year olds.

The rate of **twin births** has steadily been increasing since 1999 to 3.6 per 100 births in 2009. NH whites have the highest rates of twin births at 5.7%, and Hispanics have the lowest rate (2.1%). The highest rate of twin births is seen in women aged 35-44 years old (6.0%).

Low birthweight births declined overall by 4% between 1999 and 2009, to 9.7%. NH blacks had the highest rate of low birthweight births (14.7%), about double that of Hispanics and NH whites. Among singleton births, rates of low birthweight births decreased more rapidly (10%) between 1999 and 2009, to 7.5%.

Preterm birth (births at less than 37 weeks gestation) is a major risk factor for infant mortality and morbidity. An estimated one-third to 75% of infant deaths are attributable to preterm birth. Respiratory, neurodevelopmental, gastrointestinal and behavioral problems are consequences of preterm birth that affect the infant and can extend into adulthood. Nationally, rates of preterm birth are increasing. Interventions aimed at mitigating and reversing this trend, such as improved prenatal care, nutritional supplementation and treatment of infections, have had a limited impact.³⁻⁸

Overall, the proportion of **births delivered preterm** declined slightly (4%) between 1999 and 2009, to 10.8%. However, this trend was not seen in all racial-ethnic groups. The highest rates of preterm birth were seen for mothers aged 35-44 years old (13.3%) and NH black women (14.6%). Overall in 2009, Chicago had a lower rate of preterm birth than the U.S. and exceeded the Healthy People 2020 target.^{1,2} Among singleton births, rates of preterm births also decreased more rapidly (12%) during the 11-year study period, to 8.5%.

Table 1. Selected natality indicators for Chicago and the United States, 1999 and 2009, with Healthy People 2020 baselines and targets

Indicators	Chicago		United States ^{2,10}		Healthy People 2020 ¹	
	1999	2009	1999	2009	Baseline	Target
Number of births	50,534	44,441	3,959,417	4,130,665	--	--
Crude birth rate (per 1,000 males and females)	17.4	16.4	14.5	13.5	--	--
General fertility rate (per 1,000 females aged 15-44 years old)	71.6	67.2	65.9	66.7	--	--
Total fertility rate (per 1,000 females aged 10-49 years old)	2,107	1,936	2075	2,007	--	--
Teen birth rate (per 1,000 females aged 15-19 years old)	85.2	57.0	49.6	39.1	See footnote	
Percent of births that are the first birth for mother	31.5	34.5	40.1	41.0	--	--
Mean age of women at first birth	23.5	25.5	24.8	25.2	--	--
Percentage of births to unmarried woman	52.6	51.9	33.0	41.0	--	--
Percentage of births delivered by Cesarean	18.4	28.7	22.0	32.3	See footnote	
Percentage of births delivered preterm	11.3	10.8	11.8	12.2	12.7	11.4
Percentage of births delivered very preterm	2.6	2.2	2.0	2.0	2.0	1.8
Percentage of births delivered at low birthweight	10.1	9.7	7.6	8.2	8.2	7.8
Percentage of births delivered at very low birthweight	2.3	1.9	1.5	1.5	1.5	1.4
Percentage of births that are twin births	2.8	3.6	2.9	3.3	--	--
Percentage of births to women with chronic hypertension	0.6	1.7	0.7	1.3	--	--
Percentage of births to women with pregnancy-associated hypertension	2.5	3.2	3.8	4.1	--	--
Percentage of births to women not reporting smoking during pregnancy	91.3	96.0	86.2	NA	89.6	98.6
Percentage of births with prenatal care initiated in the first trimester	74.2	84.3	83.2	NA	70.8	77.9
Percentage of births to women receiving at least adequate prenatal care	63.1	74.2	NA	NA	70.5	77.6

This Healthy People 2020 objective and related baseline and target is measured differently than those calculated for Chicago from birth certificate data. Healthy People 2020 objectives address adolescent pregnancies, not just births, and use the Abortion Provider Survey and the National Survey of Family Growth in addition to the National Vital Statistics System. For births delivered by Cesarean, Healthy People 2020 focuses on births in low-risk (full-term, singleton, vertex presentation) women using data from the 2003 revision of the U.S. Standard Certificate of Live Birth. CDPH was unable to identify low-risk women from birth certificates because Illinois began registering births using the 2003 revision of the U.S. Standard Certificate of Live Birth in 2010.

The results from this report indicate that although progress has been made in many areas of maternal and infant health, disparities persist and work is still needed to further decrease rates of teen births, preterm births and low birthweight births by improving access to and utilization of interconceptional and prenatal care in Chicago and providing better education and support for adolescent health. To that end, the Chicago Department of Public Health (CDPH) has outlined policies, programs and educational and public awareness strategies in *Healthy Chicago* to reduce the rates of teen births, infant mortality and low birthweight births by 10%.³

In 2011, CDPH established the Teen Pregnancy Prevention Initiative in collaboration with Chicago Public Schools (CPS) to reduce pregnancy rates and increase healthcare opportunities by empowering adolescents to use medically-accurate information, find youth-friendly healthcare providers, and make safe, healthy and responsible choices. CDPH also facilitates a group of health and policy experts who are working together to develop an action plan for adolescent health, advance comprehensive sex education policies, implement condom availability programs in CPS high schools, and develop public awareness strategies to engage and inform all Chicagoans about adolescent health.

Since 1993, the Family Case Management Program, part of the Women and Children's Health Division at CDPH, has worked to reduce infant mortality in Chicago by ensuring pregnant women have access to and receive prenatal care throughout their pregnancy; ensuring children have access to and receive well child care and Early and Periodic Screening, Diagnosis and Treatment Program visits; and identifying and resolving service barriers and coordinating care. Public health nurses make almost 15,000 home visits annually to pregnant women and new mothers, and provide education on family planning and interconceptional care.

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Table 2. Births, crude birth rates, general fertility rates and total fertility rates by race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Births	Crude birth rate*	General fertility rate ¹	Total fertility rate ²
All race-ethnicities				
1999	50,534	17.4	71.6	2,107
2000	50,876	17.6	72.2	2,117
2001	49,580	17.2	70.8	2,074
2002	47,942	16.8	68.9	2,012
2003	48,034	16.9	69.6	2,024
2004	46,563	16.5	67.9	1,973
2005	45,415	16.2	66.7	1,932
2006	45,830	16.5	67.7	1,965
2007	46,243	16.8	68.8	1,993
2008	45,376	16.6	68.1	1,965
2009	44,441	16.4	67.2	1,936
Hispanic				
1999	17,942	23.8	96.5	2,670
2000	18,540	24.6	99.7	2,762
2001	18,605	24.6	100.1	2,786
2002	18,184	24.0	97.8	2,734
2003	18,330	24.1	98.6	2,769
2004	17,806	23.3	95.7	2,704
2005	17,336	22.6	93.2	2,641
2006	17,498	22.8	94.1	2,680
2007	17,393	22.6	93.5	2,677
2008	16,580	21.4	89.2	2,560
2009	15,668	20.2	84.3	2,430
Non-Hispanic Asian				
1999	2,026	16.3	59.9	1,570
2000	2,122	17.1	62.8	1,668
2001	1,987	15.7	57.4	1,525
2002	1,996	15.5	56.5	1,491
2003	2,155	16.5	59.8	1,585
2004	2,135	16.1	58.1	1,541
2005	2,146	15.9	57.3	1,505
2006	2,176	15.9	56.9	1,506
2007	2,303	16.6	59.1	1,550
2008	2,353	16.7	59.3	1,549
2009	2,399	16.8	59.3	1,556
Non-Hispanic Black				
1999	19,946	18.9	78.9	2,421
2000	19,436	18.4	76.9	2,361
2001	18,574	17.9	75.2	2,303
2002	17,206	16.9	71.3	2,177
2003	16,910	16.9	71.9	2,185
2004	16,135	16.4	70.2	2,127
2005	15,438	16.0	68.9	2,078
2006	15,687	16.6	71.8	2,156
2007	15,623	16.9	73.5	2,193
2008	15,003	16.5	72.5	2,158
2009	14,448	16.2	71.9	2,131
Non-Hispanic White				
1999	10,529	11.6	48.0	1,328
2000	10,677	11.8	48.8	1,339
2001	10,334	11.5	47.0	1,290
2002	10,478	11.7	47.7	1,304
2003	10,546	11.8	48.0	1,307
2004	10,375	11.7	47.0	1,286
2005	10,387	11.8	47.1	1,283
2006	10,352	11.8	46.8	1,284
2007	10,761	12.4	48.6	1,320
2008	11,172	12.9	50.3	1,371
2009	11,643	13.5	52.4	1,436

*per 1,000 males and females.

¹per 1,000 females aged 15-44 years.²per 1,000 females aged 10-49 years.

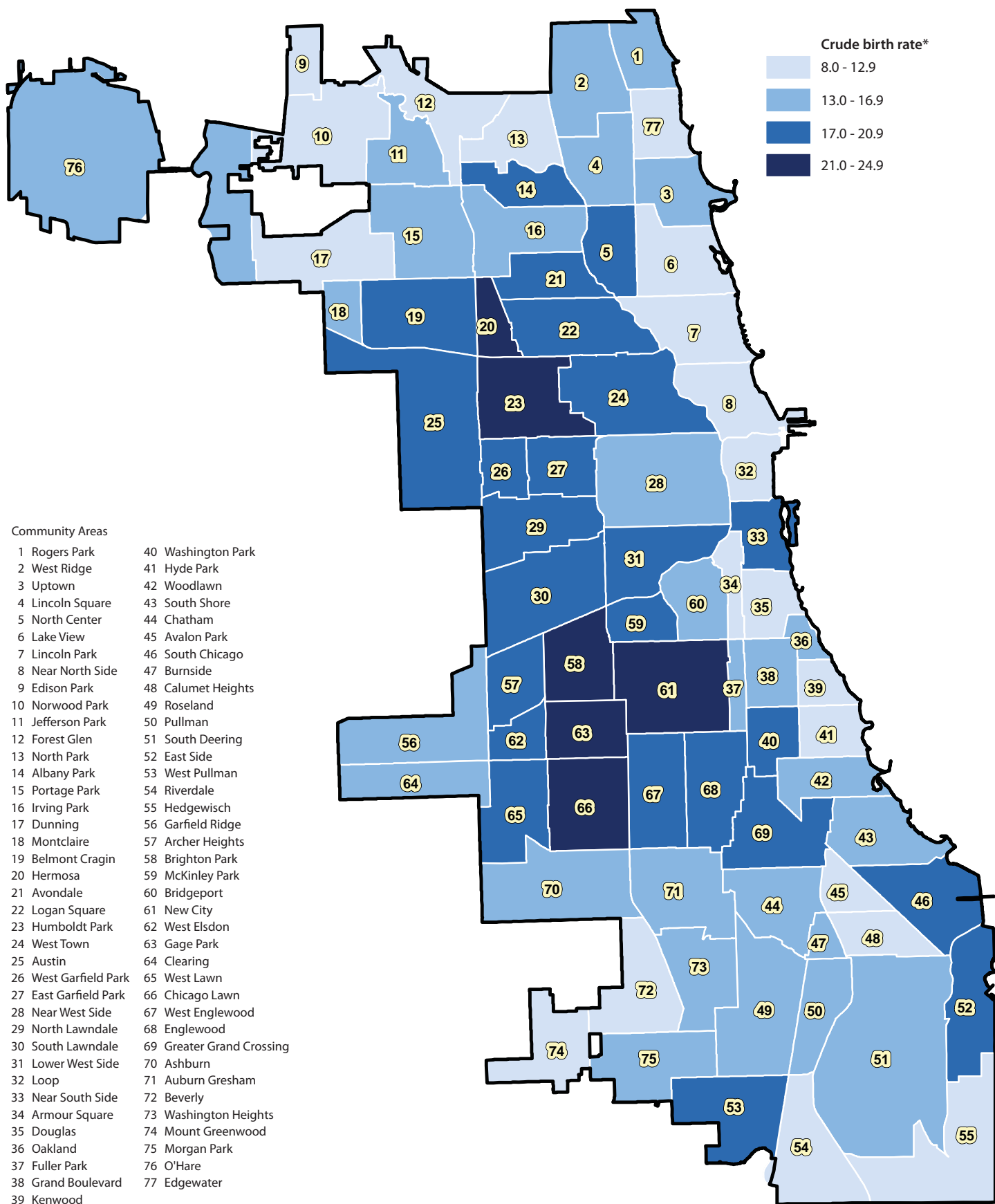
Table 3. Average annual births, crude birth rates and general fertility rates by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Crude birth rate* (95% CI)	General fertility rate ¹ (95% CI)	Community Area	Births per year	Crude birth rate* (95% CI)	General fertility rate ¹ (95% CI)
1 Rogers Park	910	15.8 (15.3, 16.3)	59.5 (57.8, 61.2)	40 Washington Park	249	20.0 (18.9, 21.1)	76.1 (71.9, 80.3)
2 West Ridge	1,216	16.8 (16.4, 17.2)	80.4 (78.4, 82.4)	41 Hyde Park	269	10.0 (9.5, 10.5)	34.7 (32.8, 36.6)
3 Uptown	770	13.2 (12.8, 13.6)	51.5 (49.9, 53.1)	42 Woodlawn	399	16.1 (15.4, 16.8)	65.4 (62.5, 68.3)
4 Lincoln Square	631	15.4 (14.9, 15.9)	55.6 (53.7, 57.5)	43 South Shore	860	15.7 (15.2, 16.2)	66.4 (64.4, 68.4)
5 North Center	664	20.8 (20.1, 21.5)	70.9 (68.5, 73.3)	44 Chatham	460	14.0 (13.4, 14.6)	67.6 (64.8, 70.4)
6 Lake View	1,163	12.3 (12.0, 12.6)	35.3 (34.4, 36.2)	45 Avalon Park	123	11.7 (10.8, 12.6)	60.0 (55.3, 64.7)
7 Lincoln Park	819	12.8 (12.4, 13.2)	37.2 (36.1, 38.3)	46 South Chicago	599	17.9 (17.3, 18.5)	80.1 (77.2, 83)
8 Near North Side	801	10.2 (9.9, 10.5)	34.6 (33.5, 35.7)	47 Burnside	46	15.2 (13.2, 17.2)	73.9 (64.3, 83.5)
9 Edison Park	132	11.8 (10.9, 12.7)	61.0 (56.3, 65.7)	48 Calumet Heights	158	10.9 (10.1, 11.7)	60.9 (56.7, 65.1)
10 Norwood Park	409	11.0 (10.5, 11.5)	62.3 (59.6, 65)	49 Roseland	688	14.6 (14.1, 15.1)	69.8 (67.5, 72.1)
11 Jefferson Park	336	13.1 (12.5, 13.7)	64.3 (61.2, 67.4)	50 Pullman	118	15.1 (13.9, 16.3)	69.7 (64.1, 75.3)
12 Forest Glen	211	11.5 (10.8, 12.2)	68.5 (64.4, 72.6)	51 South Deering	238	15.2 (14.3, 16.1)	72.2 (68.1, 76.3)
13 North Park	221	12.2 (11.5, 12.9)	59.3 (55.8, 62.8)	52 East Side	430	18.5 (17.7, 19.3)	88.6 (84.9, 92.3)
14 Albany Park	975	18.3 (17.8, 18.8)	76.8 (74.6, 79)	53 West Pullman	553	17.4 (16.8, 18.0)	80.6 (77.6, 83.6)
15 Portage Park	940	14.6 (14.2, 15.0)	67.6 (65.7, 69.5)	54 Riverdale	92	12.3 (11.2, 13.4)	46.0 (41.8, 50.2)
16 Irving Park	902	16.4 (15.9, 16.9)	69.8 (67.8, 71.8)	55 Hegewisch	118	12.4 (11.4, 13.4)	65.5 (60.2, 70.8)
17 Dunning	488	11.6 (11.1, 12.1)	59.5 (57.1, 61.9)	56 Garfield Ridge	490	14.0 (13.4, 14.6)	71.7 (68.9, 74.5)
18 Montclair	219	16.6 (15.6, 17.6)	80.6 (75.8, 85.4)	57 Archer Heights	269	20.4 (19.3, 21.5)	91.2 (86.3, 96.1)
19 Belmont Cragin	1,630	20.8 (20.3, 21.3)	91.2 (89.2, 93.2)	58 Brighton Park	1,018	22.5 (21.9, 23.1)	99.0 (96.3, 101.7)
20 Hermosa	537	21.0 (20.2, 21.8)	89.2 (85.8, 92.6)	59 McKinley Park	273	17.4 (16.5, 18.3)	76.6 (72.5, 80.7)
21 Avondale	770	19.1 (18.5, 19.7)	80.0 (77.5, 82.5)	60 Bridgeport	427	13.1 (12.5, 13.7)	58.0 (55.5, 60.5)
22 Logan Square	1,354	17.9 (17.5, 18.3)	63.7 (62.2, 65.2)	61 New City	1,068	22.9 (22.3, 23.5)	99.6 (96.9, 102.3)
23 Humboldt Park	1,242	21.0 (20.5, 21.5)	87.6 (85.4, 89.8)	62 West Elsdon	346	19.8 (18.9, 20.7)	88.3 (84.1, 92.5)
24 West Town	1,458	17.4 (17.0, 17.8)	57.7 (56.4, 59)	63 Gage Park	964	24.3 (23.6, 25.0)	103.7 (100.8, 106.6)
25 Austin	1,877	18.0 (17.6, 18.4)	78.7 (77.1, 80.3)	64 Clearing	326	14.2 (13.5, 14.9)	66.9 (63.7, 70.1)
26 West Garfield Park	390	20.0 (19.1, 20.9)	87.6 (83.7, 91.5)	65 West Lawn	639	19.9 (19.2, 20.6)	88.6 (85.5, 91.7)
27 East Garfield Park	400	19.4 (18.6, 20.2)	81.4 (77.8, 85)	66 Chicago Lawn	1,229	21.4 (20.9, 21.9)	89.9 (87.7, 92.1)
28 Near West Side	838	16.0 (15.5, 16.5)	50.0 (48.5, 51.5)	67 West Englewood	780	20.3 (19.7, 20.9)	92.3 (89.4, 95.2)
29 North Lawndale	754	20.0 (19.4, 20.6)	83.5 (80.8, 86.2)	68 Englewood	670	20.0 (19.3, 20.7)	85.9 (83, 88.8)
30 South Lawndale	1,715	20.7 (20.3, 21.1)	99.3 (97.2, 101.4)	69 Gtr Grand Crossing	591	17.2 (16.6, 17.8)	78.1 (75.3, 80.9)
31 Lower West Side	702	18.4 (17.8, 19.0)	76.6 (74.1, 79.1)	70 Ashburn	611	15.0 (14.5, 15.5)	69.6 (67.1, 72.1)
32 Loop	209	8.2 (7.7, 8.7)	25.0 (23.5, 26.5)	71 Auburn Gresham	768	15.1 (14.6, 15.6)	69.5 (67.3, 71.7)
33 Near South Side	332	18.6 (17.7, 19.5)	64.2 (61.1, 67.3)	72 Beverly	240	11.7 (11.0, 12.4)	62.3 (58.8, 65.8)
34 Armour Square	137	10.5 (9.7, 11.3)	51.6 (47.7, 55.5)	73 Washington Hgts	356	13.0 (12.4, 13.6)	65.2 (62.2, 68.2)
35 Douglas	224	10.8 (10.2, 11.4)	43.9 (41.3, 46.5)	74 Mount Greenwood	243	12.8 (12.1, 13.5)	60.2 (56.8, 63.6)
36 Oakland	98	16.3 (14.9, 17.7)	60.2 (54.9, 65.5)	75 Morgan Park	305	13.0 (12.3, 13.7)	65.1 (61.8, 68.4)
37 Fuller Park	44	14.5 (12.6, 16.4)	72.8 (63.2, 82.4)	76 O'Hare	197	15.7 (14.7, 16.7)	68.5 (64.2, 72.8)
38 Grand Boulevard	313	13.2 (12.5, 13.9)	54.8 (52.1, 57.5)	77 Edgewater	692	11.9 (11.5, 12.3)	47.3 (45.7, 48.9)
39 Kenwood	224	12.5 (11.8, 13.2)	51.7 (48.7, 54.7)	Chicago	45,461	16.5 (16.4, 16.6)	68.0 (67.7, 68.3)

*per 1,000 males and females.

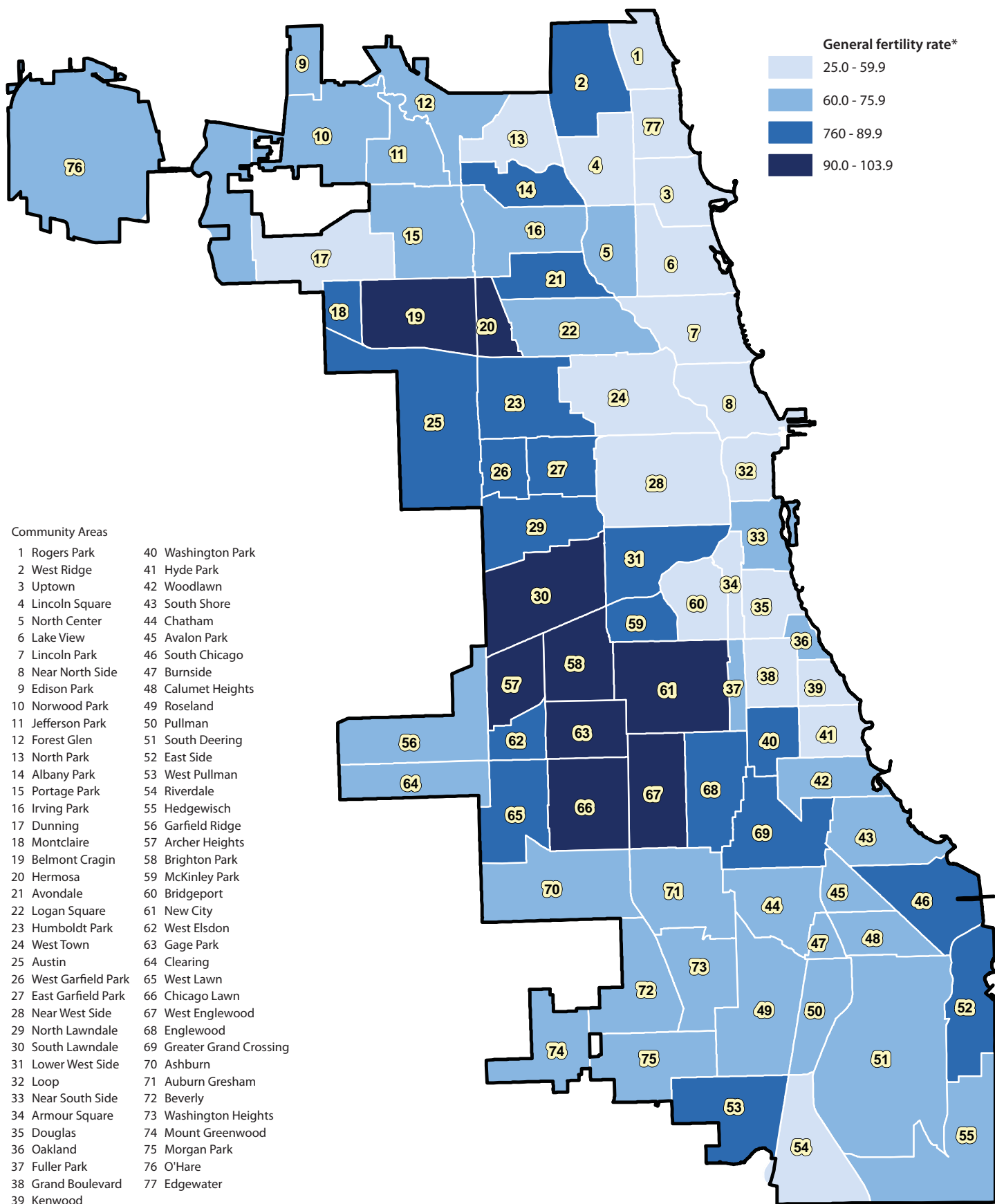
¹per 1,000 females aged 15-44 years.

Figure 1. Average annual crude birth rates* by community area of residence of mother, Chicago, 2005-2009



*per 1,000 males and females.

Figure 2. Average annual general fertility rates* by community area of residence of mother, Chicago, 2005-2009



*per 1,000 females aged 15-44 years.

Table 4. Births by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	50,534	50,244	8,422	3,205	5,217	13,637	22,427	5,758
2000	50,876	50,618	7,957	3,117	4,840	13,843	22,833	5,985
2001	49,580	49,318	7,452	2,815	4,637	13,310	22,332	6,224
2002	47,942	47,701	6,745	2,572	4,173	12,734	22,072	6,150
2003	48,034	47,830	6,333	2,384	3,949	12,535	22,305	6,657
2004	46,563	46,328	6,216	2,375	3,841	11,735	21,858	6,519
2005	45,415	45,201	5,885	2,310	3,575	11,182	21,631	6,503
2006	45,830	45,607	6,145	2,362	3,783	11,223	21,473	6,766
2007	46,243	46,024	6,186	2,311	3,875	10,835	22,102	6,901
2008	45,376	45,181	5,704	2,026	3,678	10,266	22,070	7,141
2009	44,441	44,274	5,251	1,764	3,487	9,729	22,008	7,286
Hispanic								
1999	17,942	17,868	2,897	1,105	1,792	5,717	7,684	1,570
2000	18,540	18,472	2,928	1,051	1,877	5,842	8,108	1,594
2001	18,605	18,549	2,850	993	1,857	5,690	8,300	1,709
2002	18,184	18,125	2,638	977	1,661	5,563	8,245	1,679
2003	18,330	18,274	2,474	858	1,616	5,501	8,478	1,821
2004	17,806	17,738	2,505	930	1,575	5,189	8,208	1,836
2005	17,336	17,271	2,348	903	1,445	4,982	8,120	1,821
2006	17,498	17,441	2,383	878	1,505	5,078	8,046	1,934
2007	17,393	17,329	2,420	916	1,504	4,805	8,111	1,993
2008	16,580	16,534	2,215	788	1,427	4,509	7,827	1,983
2009	15,668	15,624	1,957	695	1,262	4,095	7,552	2,020
Non-Hispanic Asian								
1999	2,026	2,022	62	20	42	293	1,370	297
2000	2,122	2,120	60	12	48	308	1,405	347
2001	1,987	1,982	64	12	52	290	1,311	317
2002	1,996	1,992	31	9	22	262	1,342	357
2003	2,155	2,151	41	12	29	299	1,406	405
2004	2,135	2,133	46	17	29	249	1,436	402
2005	2,146	2,142	32	13	19	252	1,431	427
2006	2,176	2,170	38	10	28	217	1,437	478
2007	2,303	2,297	30	5	25	234	1,488	545
2008	2,353	2,350	28	9	19	211	1,518	593
2009	2,399	2,393	28	7	21	210	1,550	605
Non-Hispanic Black								
1999	19,946	19,773	4,976	1,947	3,029	6,158	6,998	1,641
2000	19,436	19,271	4,535	1,928	2,607	6,229	6,862	1,645
2001	18,574	18,419	4,183	1,710	2,473	6,079	6,466	1,691
2002	17,206	17,059	3,728	1,502	2,226	5,650	6,144	1,537
2003	16,910	16,794	3,519	1,438	2,081	5,637	6,010	1,628
2004	16,135	16,011	3,382	1,361	2,021	5,280	5,862	1,487
2005	15,438	15,323	3,255	1,325	1,930	4,937	5,733	1,398
2006	15,687	15,570	3,460	1,406	2,054	4,945	5,737	1,428
2007	15,623	15,526	3,518	1,331	2,187	4,858	5,707	1,443
2008	15,003	14,910	3,259	1,165	2,094	4,694	5,550	1,407
2009	14,448	14,395	3,062	1,008	2,054	4,600	5,386	1,347
Non-Hispanic White								
1999	10,529	10,491	472	127	345	1,444	6,335	2,240
2000	10,677	10,654	418	119	299	1,439	6,409	2,388
2001	10,334	10,288	350	98	252	1,231	6,220	2,487
2002	10,478	10,448	340	83	257	1,243	6,302	2,563
2003	10,546	10,518	286	70	216	1,074	6,370	2,788
2004	10,375	10,335	272	64	208	997	6,292	2,774
2005	10,387	10,359	241	66	175	992	6,292	2,834
2006	10,352	10,310	250	64	186	962	6,196	2,902
2007	10,761	10,712	211	58	153	906	6,711	2,884
2008	11,172	11,124	189	56	133	816	7,031	3,088
2009	11,643	11,584	192	50	142	796	7,361	3,235

Table 5. Percent of births by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	100.0	99.4	16.7	6.3	10.3	27.0	44.4	11.4
2000	100.0	99.5	15.6	6.1	9.5	27.2	44.9	11.8
2001	100.0	99.5	15.0	5.7	9.4	26.8	45.0	12.6
2002	100.0	99.5	14.1	5.4	8.7	26.6	46.0	12.8
2003	100.0	99.6	13.2	5.0	8.2	26.1	46.4	13.9
2004	100.0	99.5	13.3	5.1	8.2	25.2	46.9	14.0
2005	100.0	99.5	13.0	5.1	7.9	24.6	47.6	14.3
2006	100.0	99.5	13.4	5.2	8.3	24.5	46.9	14.8
2007	100.0	99.5	13.4	5.0	8.4	23.4	47.8	14.9
2008	100.0	99.6	12.6	4.5	8.1	22.6	48.6	15.7
2009	100.0	99.6	11.8	4.0	7.8	21.9	49.5	16.4
Hispanic								
1999	100.0	99.6	16.1	6.2	10.0	31.9	42.8	8.8
2000	100.0	99.6	15.8	5.7	10.1	31.5	43.7	8.6
2001	100.0	99.7	15.3	5.3	10.0	30.6	44.6	9.2
2002	100.0	99.7	14.5	5.4	9.1	30.6	45.3	9.2
2003	100.0	99.7	13.5	4.7	8.8	30.0	46.3	9.9
2004	100.0	99.6	14.1	5.2	8.8	29.1	46.1	10.3
2005	100.0	99.6	13.5	5.2	8.3	28.7	46.8	10.5
2006	100.0	99.7	13.6	5.0	8.6	29.0	46.0	11.1
2007	100.0	99.6	13.9	5.3	8.6	27.6	46.6	11.5
2008	100.0	99.7	13.4	4.8	8.6	27.2	47.2	12.0
2009	100.0	99.7	12.5	4.4	8.1	26.1	48.2	12.9
Non-Hispanic Asian								
1999	100.0	99.8	3.1	1.0	2.1	14.5	67.6	14.7
2000	100.0	99.9	2.8	0.6	2.3	14.5	66.2	16.4
2001	100.0	99.7	3.2	0.6	2.6	14.6	66.0	16.0
2002	100.0	99.8	1.6	0.5	1.1	13.1	67.2	17.9
2003	100.0	99.8	1.9	0.6	1.3	13.9	65.2	18.8
2004	100.0	99.9	2.2	0.8	1.4	11.7	67.3	18.8
2005	100.0	99.8	1.5	0.6	0.9	11.7	66.7	19.9
2006	100.0	99.7	1.7	0.5	1.3	10.0	66.0	22.0
2007	100.0	99.7	1.3	0.2	1.1	10.2	64.6	23.7
2008	100.0	99.9	1.2	0.4	0.8	9.0	64.5	25.2
2009	100.0	99.7	1.2	0.3	0.9	8.8	64.6	25.2
Non-Hispanic Black								
1999	100.0	99.1	24.9	9.8	15.2	30.9	35.1	8.2
2000	100.0	99.2	23.3	9.9	13.4	32.0	35.3	8.5
2001	100.0	99.2	22.5	9.2	13.3	32.7	34.8	9.1
2002	100.0	99.1	21.7	8.7	12.9	32.8	35.7	8.9
2003	100.0	99.3	20.8	8.5	12.3	33.3	35.5	9.6
2004	100.0	99.2	21.0	8.4	12.5	32.7	36.3	9.2
2005	100.0	99.3	21.1	8.6	12.5	32.0	37.1	9.1
2006	100.0	99.3	22.1	9.0	13.1	31.5	36.6	9.1
2007	100.0	99.4	22.5	8.5	14.0	31.1	36.5	9.2
2008	100.0	99.4	21.7	7.8	14.0	31.3	37.0	9.4
2009	100.0	99.6	21.2	7.0	14.2	31.8	37.3	9.3
Non-Hispanic White								
1999	100.0	99.6	4.5	1.2	3.3	13.7	60.2	21.3
2000	100.0	99.8	3.9	1.1	2.8	13.5	60.0	22.4
2001	100.0	99.6	3.4	0.9	2.4	11.9	60.2	24.1
2002	100.0	99.7	3.2	0.8	2.5	11.9	60.1	24.5
2003	100.0	99.7	2.7	0.7	2.0	10.2	60.4	26.4
2004	100.0	99.6	2.6	0.6	2.0	9.6	60.6	26.7
2005	100.0	99.7	2.3	0.6	1.7	9.6	60.6	27.3
2006	100.0	99.6	2.4	0.6	1.8	9.3	59.9	28.0
2007	100.0	99.5	2.0	0.5	1.4	8.4	62.4	26.8
2008	100.0	99.6	1.7	0.5	1.2	7.3	62.9	27.6
2009	100.0	99.5	1.6	0.4	1.2	6.8	63.2	27.8

Table 6. Age-specific birth rates* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)						
	15-19						
	15-44	Total ¹	15-17	18-19	20-24	25-34	35-44
All race-ethnicities							
1999	71.6	85.2	56.2	124.8	112.8	84.6	26.6
2000	72.2	80.5	54.7	115.8	114.5	86.1	27.6
2001	70.8	76.0	49.8	111.5	110.7	84.4	29.1
2002	68.9	69.3	45.9	100.9	106.4	83.5	29.2
2003	69.6	65.6	43.0	96.0	105.3	84.6	32.0
2004	67.9	64.8	43.2	93.9	99.1	83.0	31.8
2005	66.7	61.9	42.4	87.9	95.0	82.3	32.2
2006	67.7	65.1	43.8	93.5	95.8	81.8	34.0
2007	68.8	66.1	43.3	96.3	93.0	84.3	35.2
2008	68.1	61.4	38.3	91.9	88.6	84.3	36.9
2009	67.2	57.0	33.7	87.7	84.4	84.2	38.3
Hispanic							
1999	96.5	90.1	58.8	134.2	158.4	112.9	32.1
2000	99.7	91.1	55.9	140.6	161.9	119.1	32.6
2001	100.1	88.6	52.6	139.6	159.8	122.1	34.5
2002	97.8	81.9	51.6	125.3	158.3	121.5	33.5
2003	98.6	76.8	45.1	122.4	158.6	125.2	35.9
2004	95.7	77.7	48.8	119.7	151.6	121.4	35.8
2005	93.2	72.8	47.2	110.2	147.6	120.3	35.1
2006	94.1	73.9	45.7	115.2	152.6	119.3	36.9
2007	93.5	75.0	47.5	115.6	146.4	120.5	37.6
2008	89.2	68.6	40.8	110.1	139.4	116.5	37.0
2009	84.3	60.5	35.8	97.7	128.4	112.6	37.3
Non-Hispanic Asian							
1999	59.9	16.9	11.4	21.9	45.9	92.1	33.6
2000	62.8	16.4	6.9	25.0	48.2	94.4	39.3
2001	57.4	17.5	6.9	27.2	44.7	85.9	34.8
2002	56.5	8.6	5.2	11.6	39.8	85.7	38.1
2003	59.8	11.4	7.0	15.4	44.8	87.6	42.0
2004	58.1	12.8	10.0	15.5	36.8	87.4	40.6
2005	57.3	9.0	7.7	10.2	36.7	85.1	42.0
2006	56.9	10.7	5.9	15.1	31.2	83.5	45.8
2007	59.1	8.5	3.0	13.6	33.1	84.6	50.9
2008	59.3	8.0	5.4	10.4	29.5	84.4	54.1
2009	59.3	8.1	4.2	11.6	28.9	84.4	53.9
Non-Hispanic Black							
1999	78.9	116.1	75.3	178.0	155.4	85.9	19.0
2000	76.9	105.8	74.6	153.2	157.1	84.3	19.0
2001	75.2	98.7	66.9	147.0	156.0	81.3	20.1
2002	71.3	88.9	59.3	133.9	147.5	79.2	18.9
2003	71.9	84.9	57.4	126.7	149.7	79.4	20.6
2004	70.2	82.5	54.9	124.5	142.7	79.4	19.5
2005	68.9	80.3	54.1	120.4	135.9	79.8	19.0
2006	71.8	86.3	58.0	129.7	138.6	82.0	20.1
2007	73.5	88.8	55.5	139.8	138.8	83.8	21.0
2008	72.5	83.3	49.2	135.6	136.6	83.9	21.3
2009	71.9	79.2	43.0	134.7	136.5	83.8	21.2
Non-Hispanic White							
1999	48.0	26.0	13.3	40.0	39.8	66.3	32.7
2000	48.8	23.0	12.5	34.7	39.7	67.1	34.9
2001	47.0	19.5	10.6	29.1	33.6	64.3	36.9
2002	47.7	19.3	9.3	29.5	33.5	64.3	38.7
2003	48.0	16.4	8.1	24.7	28.6	64.2	42.8
2004	47.0	15.8	7.6	23.7	26.3	62.6	43.3
2005	47.1	14.2	8.1	19.8	25.9	61.9	45.0
2006	46.8	15.0	8.2	21.0	24.8	60.2	46.9
2007	48.6	12.8	7.7	17.2	23.1	64.4	47.4
2008	50.3	11.7	7.7	14.9	20.6	66.7	51.7
2009	52.4	12.0	7.2	15.8	19.9	69.0	55.2

*per 1,000 females in each specific age group (e.g., 15-44 years, 15-19 years, 15-17 years, 18-19 years, 20-24 years, 25-34 years, 35-44 years).

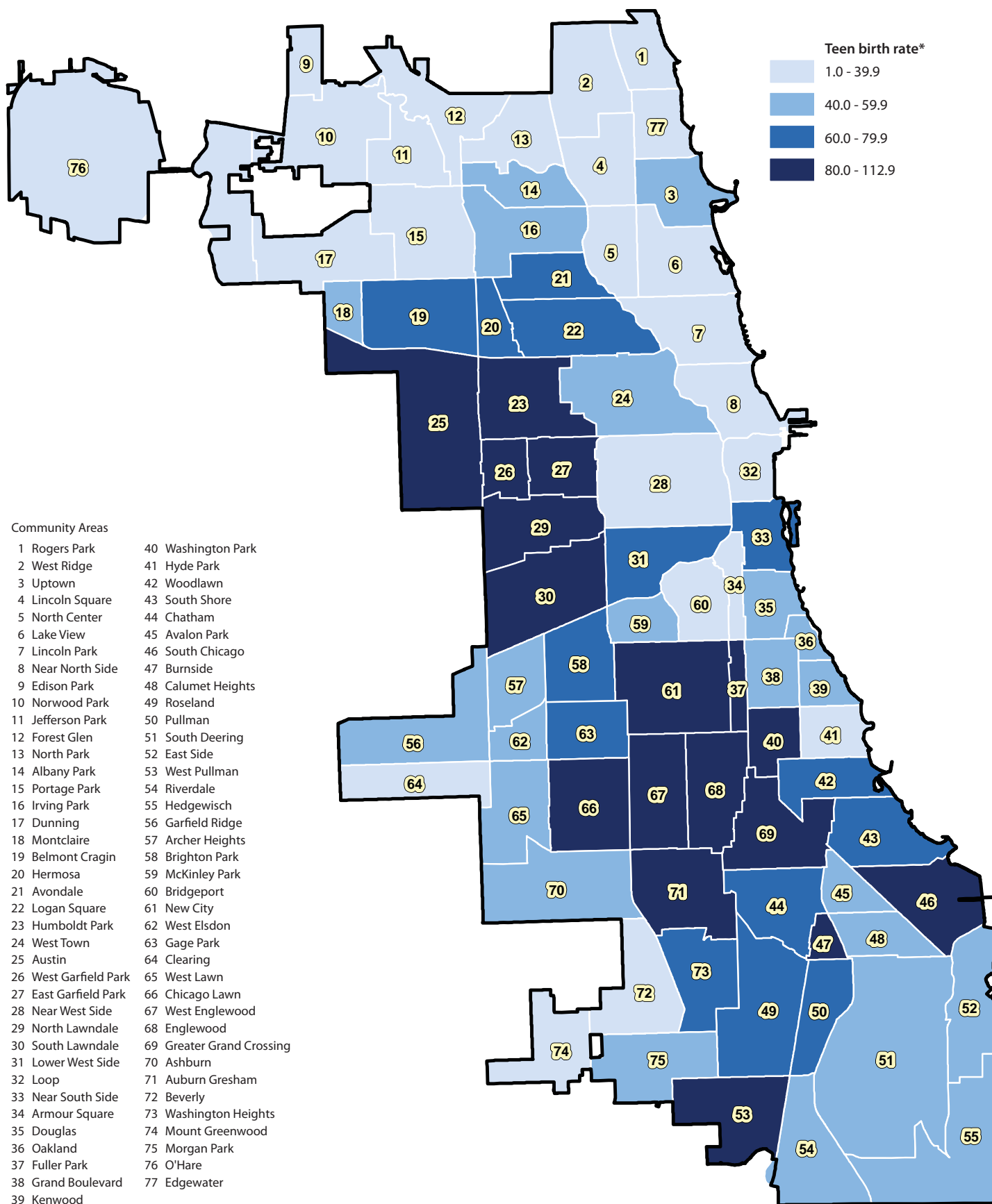
¹Teen birth rate.

Table 7. Average annual births to women aged 15-19 years and teen birth rates to women years by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Teen birth rate* (95% CI)	Community Area	Births per year	Teen birth rate*(95% CI)
1 Rogers Park	76	39.7 (35.7, 43.7)	40 Washington Park	60	88.9 (78.8, 99)
2 West Ridge	69	32.0 (28.6, 35.4)	41 Hyde Park	9	9.6 (7.1, 12.8)
3 Uptown	41	41.2 (35.6, 46.8)	42 Woodlawn	83	66.7 (60.3, 73.1)
4 Lincoln Square	29	35.4 (29.6, 41.2)	43 South Shore	148	73.2 (67.9, 78.5)
5 North Center	11	27.5 (20.8, 35.6)	44 Chatham	82	70.3 (63.5, 77.1)
6 Lake View	10	13.0 (9.6, 17.2)	45 Avalon Park	19	50.5 (41, 61.6)
7 Lincoln Park	11	6.4 (4.8, 8.3)	46 South Chicago	124	85.8 (79, 92.6)
8 Near North Side	33	35.7 (30.2, 41.2)	47 Burnside	12	94.3 (72, 121.4)
9 Edison Park	2	9.2 (4.8, 16.1)	48 Calumet Heights	22	46.9 (38.1, 55.7)
10 Norwood Park	7	7.7 (5.3, 10.8)	49 Roseland	164	78.5 (73.1, 83.9)
11 Jefferson Park	15	23.4 (18.4, 29.3)	50 Pullman	21	72.0 (58.2, 85.8)
12 Forest Glen	4	9.6 (6, 14.5)	51 South Deering	38	57.8 (49.6, 66)
13 North Park	9	15.5 (11.4, 20.6)	52 East Side	55	58.7 (51.7, 65.7)
14 Albany Park	94	53.3 (48.5, 58.1)	53 West Pullman	125	83.6 (77, 90.2)
15 Portage Park	75	38.6 (34.7, 42.5)	54 Riverdale	23	57.5 (46.9, 68.1)
16 Irving Park	74	47.3 (42.5, 52.1)	55 Hegewisch	12	40.1 (30.6, 51.6)
17 Dunning	25	22.1 (18.2, 26)	56 Garfield Ridge	49	45.1 (39.4, 50.8)
18 Montclair	19	45.3 (36.7, 55.4)	57 Archer Heights	30	59.4 (49.9, 68.9)
19 Belmont Cragin	228	75.4 (71, 79.8)	58 Brighton Park	138	74.5 (68.9, 80.1)
20 Hermosa	75	69.4 (62.4, 76.4)	59 McKinley Park	28	48.8 (40.7, 56.9)
21 Avondale	84	63.6 (57.5, 69.7)	60 Bridgeport	35	36.1 (30.7, 41.5)
22 Logan Square	148	67.2 (62.4, 72)	61 New City	206	97.1 (91.2, 103)
23 Humboldt park	249	91.7 (86.6, 96.8)	62 West Elsdon	36	55.6 (47.5, 63.7)
24 West Town	101	55.7 (50.8, 60.6)	63 Gage Park	136	75.6 (69.9, 81.3)
25 Austin	402	86.7 (82.9, 90.5)	64 Clearing	28	38.1 (31.7, 44.5)
26 West Garfield Park	104	109.4 (100, 118.8)	65 West Lawn	73	58.3 (52.3, 64.3)
27 East Garfield Park	94	95.1 (86.5, 103.7)	66 Chicago Lawn	227	85.4 (80.4, 90.4)
28 Near West Side	70	38.2 (34.2, 42.2)	67 West Englewood	213	112.4 (105.6, 119.2)
29 North Lawndale	183	99.0 (92.6, 105.4)	68 Englewood	180	110.3 (103.1, 117.5)
30 South Lawndale	262	84.2 (79.6, 88.8)	69 Greater Grand Crossing	126	89.7 (82.7, 96.7)
31 Lower West Side	100	72.5 (66.1, 78.9)	70 Ashburn	74	46.3 (41.6, 51)
32 Loop	2	1.4 (0.6, 2.7)	71 Auburn Gresham	173	80.0 (74.7, 85.3)
33 Near South Side	13	60.4 (46.6, 77)	72 Beverly	8	12.1 (8.7, 16.4)
34 Armour Square	5	13.0 (8.2, 19.5)	73 Washington Heights	73	67.3 (60.4, 74.2)
35 Douglas	28	40.2 (33.5, 46.9)	74 Mount Greenwood	5	6.7 (4.3, 9.9)
36 Oakland	14	52.3 (40.7, 66.2)	75 Morgan Park	44	45.9 (39.8, 52)
37 Fuller Park	11	84.1 (63.4, 109.5)	76 O'Hare	5	25.4 (16.3, 37.8)
38 Grand Boulevard	57	58.3 (51.6, 65)	77 Edgewater	35	20.5 (17.4, 23.6)
39 Kenwood	20	42.8 (34.5, 51.1)	Chicago	5,834	62.3 (61.6, 63)

*per 1,000 females aged 15-19 years.

Figure 3. Average annual teen birth rates* by community area of residence of mother, Chicago, 2005-2009



*per 1,000 females aged 15-19 years.

Table 8. Average annual births and percent of births to women aged 15-19 years by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	76	8.4 (7.6, 9.2)	40 Washington Park	60	24.0 (21.6, 26.4)
2 West Ridge	69	5.7 (5.1, 6.3)	41 Hyde Park	9	3.5 (2.5, 4.5)
3 Uptown	41	5.4 (4.7, 6.1)	42 Woodlawn	83	20.8 (19, 22.6)
4 Lincoln Square	29	4.6 (3.9, 5.3)	43 South Shore	148	17.2 (16.1, 18.3)
5 North Center	11	1.7 (1.3, 2.1)	44 Chatham	82	17.7 (16.1, 19.3)
6 Lake View	10	0.8 (0.6, 1)	45 Avalon Park	19	15.8 (12.9, 18.7)
7 Lincoln Park	11	1.4 (1, 1.8)	46 South Chicago	124	20.7 (19.2, 22.2)
8 Near North Side	33	4.1 (3.5, 4.7)	47 Burnside	12	26.1 (20.4, 31.8)
9 Edison Park	2	1.8 (0.8, 2.8)	48 Calumet Heights	22	13.9 (11.5, 16.3)
10 Norwood Park	7	1.6 (1.1, 2.1)	49 Roseland	164	23.8 (22.4, 25.2)
11 Jefferson Park	15	4.5 (3.5, 5.5)	50 Pullman	21	17.6 (14.5, 20.7)
12 Forest Glen	4	2.1 (1.2, 3)	51 South Deering	38	16.2 (14.1, 18.3)
13 North Park	9	4.2 (3, 5.4)	52 East Side	55	12.7 (11.3, 14.1)
14 Albany Park	94	9.6 (8.8, 10.4)	53 West Pullman	125	22.5 (20.9, 24.1)
15 Portage Park	75	8.0 (7.2, 8.8)	54 Riverdale	23	24.7 (20.8, 28.6)
16 Irving Park	74	8.2 (7.4, 9)	55 Hegewisch	12	10.1 (7.7, 12.5)
17 Dunning	25	5.2 (4.3, 6.1)	56 Garfield Ridge	49	9.9 (8.7, 11.1)
18 Montclair	19	8.7 (7, 10.4)	57 Archer Heights	30	11.2 (9.5, 12.9)
19 Belmont Cragin	228	14.0 (13.2, 14.8)	58 Brighton Park	138	13.5 (12.6, 14.4)
20 Hermosa	75	14.0 (12.7, 15.3)	59 McKinley Park	28	10.2 (8.6, 11.8)
21 Avondale	84	10.9 (9.9, 11.9)	60 Bridgeport	35	8.1 (6.9, 9.3)
22 Logan Square	148	10.9 (10.2, 11.6)	61 New City	206	19.3 (18.2, 20.4)
23 Humboldt park	249	20.0 (19, 21)	62 West Elsdon	36	10.5 (9.1, 11.9)
24 West Town	101	6.9 (6.3, 7.5)	63 Gage Park	136	14.1 (13.1, 15.1)
25 Austin	402	21.4 (20.6, 22.2)	64 Clearing	28	8.5 (7.1, 9.9)
26 West Garfield Park	104	26.6 (24.6, 28.6)	65 West Lawn	73	11.4 (10.3, 12.5)
27 East Garfield Park	94	23.4 (21.5, 25.3)	66 Chicago Lawn	227	18.5 (17.5, 19.5)
28 Near West Side	70	8.4 (7.6, 9.2)	67 West Englewood	213	27.2 (25.8, 28.6)
29 North Lawndale	183	24.3 (22.9, 25.7)	68 Englewood	180	26.9 (25.4, 28.4)
30 South Lawndale	262	15.3 (14.5, 16.1)	69 Greater Grand Crossing	126	21.4 (19.9, 22.9)
31 Lower West Side	100	14.2 (13, 15.4)	70 Ashburn	74	12.2 (11, 13.4)
32 Loop	2	0.9 (0.3, 1.5)	71 Auburn Gresham	173	22.5 (21.2, 23.8)
33 Near South Side	13	3.9 (3, 4.8)	72 Beverly	8	3.5 (2.5, 4.5)
34 Armour Square	5	3.4 (2, 4.8)	73 Washington Heights	73	20.6 (18.7, 22.5)
35 Douglas	28	12.4 (10.5, 14.3)	74 Mount Greenwood	5	2.1 (1.3, 2.9)
36 Oakland	14	14.1 (11, 17.2)	75 Morgan Park	44	14.4 (12.6, 16.2)
37 Fuller Park	11	24.9 (19.2, 30.6)	76 O'Hare	5	2.4 (1.4, 3.4)
38 Grand Boulevard	57	18.3 (16.4, 20.2)	77 Edgewater	35	5.0 (4.3, 5.7)
39 Kenwood	20	9.1 (7.4, 10.8)	Chicago	5,834	12.8 (12.7, 12.9)

Figure 4. Average annual percent of births to women aged 15-19 years by community area of residence of mother, Chicago, 2005-2009

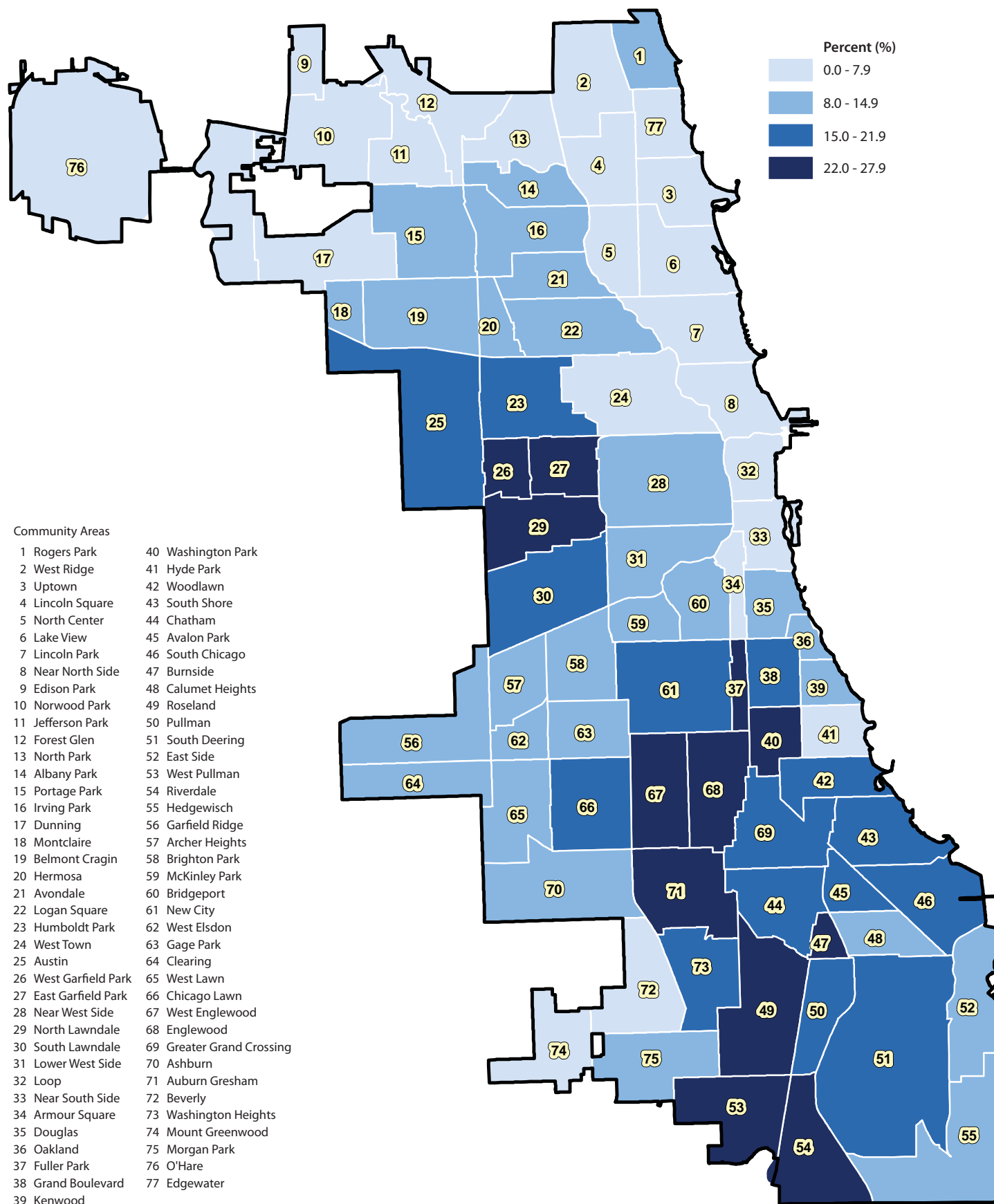


Table 9. Births by education, age and race-ethnicity of mother, Chicago, 2009

Education and race-ethnicity of mother	Age of mother (years)									
	All Ages	15-44	15-19					20-24	25-34	35-44
			Total	15-17	18-19					
All race-ethnicities										
< 8th grade	3,160	3,104	347	181	166	597	1,606	554		
Some high school	7,459	7,440	2,715	1,402	1,313	1,965	2,278	482		
High school graduate	11,374	11,361	1,723	152	1,571	3,866	4,674	1,098		
< 4 years of college	7,771	7,754	373	0	373	2,578	3,839	964		
≥ 4 years of college	13,512	13,460	0	0	0	493	9,006	3,959		
Hispanic										
< 8th grade	2,777	2,756	231	97	134	536	1,474	515		
Some high school	3,560	3,551	1,010	515	495	944	1,313	284		
High school graduate	4,725	4,720	575	70	505	1,479	2,156	510		
< 4 years of college	2,464	2,461	100	0	100	861	1,252	248		
≥ 4 years of college	1,607	1,605	0	0	0	147	1,091	366		
Non-Hispanic Asian										
< 8th grade	50	49	2	--	--	8	26	13		
Some high school	86	86	7	--	--	22	37	20		
High school graduate	347	346	9	--	--	77	191	69		
< 4 years of college	257	257	8	0	8	48	154	47		
≥ 4 years of college	1,558	1,555	0	0	0	43	1,082	430		
Non-Hispanic Black										
< 8th grade	238	205	98	74	24	33	60	14		
Some high school	3,466	3,459	1,619	849	770	893	800	147		
High school graduate	5,212	5,207	1,062	75	987	2,044	1,741	360		
< 4 years of college	3,715	3,712	246	0	246	1,424	1,650	392		
≥ 4 years of college	1,628	1,623	0	0	0	156	1,060	406		
Non-Hispanic White										
< 8th grade	92	91	15	7	8	20	45	11		
Some high school	337	334	78	35	43	103	123	30		
High school graduate	1,064	1,062	73	5	68	258	576	155		
< 4 years of college	1,302	1,291	17	0	17	241	763	270		
≥ 4 years of college	8,629	8,587	0	0	0	142	5,717	2,728		

Table 10. Percent of births by education, age and race-ethnicity of mother, Chicago, 2009*

Education and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
< 8th grade	7.3	7.2	6.7	10.4	4.8	6.3	7.5	7.9
Some high school	17.2	17.3	52.6	80.8	38.3	20.7	10.6	6.8
High school graduate	26.3	26.3	33.4	8.8	45.9	40.7	21.8	15.6
< 4 years of college	18.0	18.0	7.2	0.0	10.9	27.1	17.9	13.7
≥ 4 years of college	31.2	31.2	0.0	0.0	0.1	5.2	42.1	56.1
Hispanic								
< 8th grade	18.4	18.3	12.1	14.2	10.9	13.5	20.2	26.8
Some high school	23.5	23.5	52.7	75.5	40.1	23.8	18.0	14.8
High school graduate	31.2	31.3	30.0	10.3	40.9	37.3	29.6	26.5
< 4 years of college	16.3	16.3	5.2	0.0	8.1	21.7	17.2	12.9
≥ 4 years of college	10.6	10.6	0.1	0.0	0.1	3.7	15.0	19.0
Non-Hispanic Asian								
< 8th grade	2.2	2.1	7.7	--	--	4.0	1.7	2.2
Some high school	3.7	3.8	26.9	--	--	11.1	2.5	3.5
High school graduate	15.1	15.1	34.6	--	--	38.9	12.8	11.9
< 4 years of college	11.2	11.2	30.8	0.0	38.1	24.2	10.3	8.1
≥ 4 years of college	67.8	67.8	0.0	0.0	0.0	21.7	72.6	74.3
Non-Hispanic Black								
< 8th grade	1.7	1.4	3.2	7.4	1.2	0.7	1.1	1.1
Some high school	24.3	24.3	53.5	85.1	38.0	19.6	15.1	11.1
High school graduate	36.6	36.7	35.1	7.5	48.7	44.9	32.8	27.3
< 4 years of college	26.1	26.1	8.1	0.0	12.1	31.3	31.1	29.7
≥ 4 years of college	11.4	11.4	0.0	0.0	0.0	3.4	20.0	30.8
Non-Hispanic White								
< 8th grade	0.8	0.8	8.2	14.9	5.9	2.6	0.6	0.3
Some high school	2.9	2.9	42.6	74.5	31.6	13.5	1.7	0.9
High school graduate	9.3	9.3	39.9	10.6	50.0	33.8	8.0	4.9
< 4 years of college	11.4	11.4	9.3	0.0	12.5	31.5	10.6	8.5
≥ 4 years of college	75.5	75.6	0.0	0.0	0.0	18.6	79.1	85.4

*Births for which mother's education was not reported on the birth certificate were excluded from the calculation of percentages.

Table 11. Births to women who were born outside of the United States by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	16,778	16,722	1,356	450	906	4,379	8,937	2,050
2000	17,386	17,343	1,453	472	981	4,427	9,314	2,149
2001	17,395	17,355	1,511	462	1,049	4,304	9,290	2,250
2002	17,050	17,002	1,376	457	919	4,161	9,188	2,277
2003	17,075	17,026	1,279	389	890	4,011	9,298	2,438
2004	16,501	16,453	1,282	438	844	3,752	8,962	2,457
2005	15,956	15,919	1,174	415	759	3,605	8,749	2,391
2006	15,743	15,706	1,142	358	784	3,579	8,483	2,502
2007	15,549	15,502	1,106	348	758	3,332	8,459	2,605
2008	14,849	14,809	896	278	618	3,065	8,204	2,644
2009	14,115	14,073	729	244	485	2,690	8,007	2,647
Hispanic								
1999	11,763	11,727	1,180	405	775	3,518	5,778	1,251
2000	12,286	12,251	1,307	434	873	3,526	6,155	1,263
2001	12,483	12,458	1,368	427	941	3,519	6,200	1,371
2002	12,070	12,038	1,253	433	820	3,330	6,098	1,357
2003	12,066	12,035	1,162	361	801	3,255	6,170	1,448
2004	11,646	11,606	1,159	405	754	3,074	5,900	1,473
2005	11,189	11,160	1,062	389	673	2,923	5,736	1,439
2006	11,076	11,052	1,045	336	709	2,967	5,533	1,507
2007	10,736	10,709	1,005	322	683	2,746	5,433	1,525
2008	10,030	10,006	828	267	561	2,538	5,144	1,496
2009	9,180	9,161	669	230	439	2,156	4,819	1,517
Non-Hispanic Asian								
1999	1,885	1,881	44	14	30	267	1,291	279
2000	1,942	1,940	46	--	--	283	1,290	321
2001	1,789	1,786	43	--	--	252	1,201	290
2002	1,756	1,753	19	--	--	220	1,184	330
2003	1,900	1,896	23	6	17	265	1,241	367
2004	1,853	1,851	33	11	22	212	1,246	360
2005	1,825	1,822	16	7	9	210	1,221	375
2006	1,796	1,791	19	--	--	181	1,180	411
2007	1,856	1,851	19	--	--	188	1,189	455
2008	1,856	1,853	10	--	--	169	1,184	490
2009	1,904	1,899	13	--	--	170	1,218	498
Non-Hispanic Black								
1999	590	586	32	12	20	87	359	108
2000	672	670	32	12	20	101	404	133
2001	641	637	31	11	20	90	374	142
2002	707	700	34	14	20	107	412	147
2003	722	715	28	9	19	111	406	170
2004	715	712	33	8	25	117	394	168
2005	712	709	36	10	26	128	386	159
2006	735	730	27	8	19	105	436	162
2007	670	662	24	12	12	81	368	189
2008	671	665	27	4	23	83	370	185
2009	695	691	24	7	17	97	408	162
Non-Hispanic White								
1999	2,524	2,513	99	18	81	501	1,501	412
2000	2,466	2,462	67	17	50	510	1,454	431
2001	2,464	2,456	68	17	51	439	1,506	443
2002	2,500	2,494	70	8	62	501	1,485	438
2003	2,366	2,359	66	13	53	372	1,470	451
2004	2,261	2,258	54	13	41	345	1,407	452
2005	2,203	2,201	57	9	48	341	1,391	412
2006	2,111	2,108	50	9	41	321	1,324	413
2007	2,252	2,247	58	11	47	313	1,448	428
2008	2,226	2,220	31	5	26	266	1,464	459
2009	2,269	2,258	22	4	18	260	1,521	455

Table 12. Percent of births to women who were born outside of the United States by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	33.2	33.3	16.1	14.0	17.4	32.1	39.8	35.6
2000	34.2	34.3	18.3	15.1	20.3	32.0	40.8	35.9
2001	35.1	35.2	20.3	16.4	22.6	32.3	41.6	36.2
2002	35.6	35.6	20.4	17.8	22.0	32.7	41.6	37.0
2003	35.5	35.6	20.2	16.3	22.5	32.0	41.7	36.6
2004	35.4	35.5	20.6	18.4	22.0	32.0	41.0	37.7
2005	35.1	35.2	19.9	18.0	21.2	32.2	40.4	36.8
2006	34.4	34.4	18.6	15.2	20.7	31.9	39.5	37.0
2007	33.6	33.7	17.9	15.1	19.6	30.8	38.3	37.7
2008	32.7	32.8	15.7	13.7	16.8	29.9	37.2	37.0
2009	31.8	31.8	13.9	13.8	13.9	27.6	36.4	36.3
Hispanic								
1999	65.6	65.6	40.7	36.7	43.2	61.5	75.2	79.7
2000	66.3	66.3	44.6	41.3	46.5	60.4	75.9	79.2
2001	67.1	67.2	48.0	43.0	50.7	61.8	74.7	80.2
2002	66.4	66.4	47.5	44.3	49.4	59.9	74.0	80.8
2003	65.8	65.9	47.0	42.1	49.6	59.2	72.8	79.5
2004	65.4	65.4	46.3	43.5	47.9	59.2	71.9	80.2
2005	64.5	64.6	45.2	43.1	46.6	58.7	70.6	79.0
2006	63.3	63.4	43.9	38.3	47.1	58.4	68.8	77.9
2007	61.7	61.8	41.5	35.2	45.4	57.1	67.0	76.5
2008	60.5	60.5	37.4	33.9	39.3	56.3	65.7	75.4
2009	58.6	58.6	34.2	33.1	34.8	52.6	63.8	75.1
Non-Hispanic Asian								
1999	93.0	93.0	71.0	70.0	71.4	91.1	94.2	93.9
2000	91.5	91.5	76.7	--	--	91.9	91.8	92.5
2001	90.0	90.1	67.2	--	--	86.9	91.6	91.5
2002	88.0	88.0	61.3	--	--	84.0	88.2	92.4
2003	88.2	88.1	56.1	50.0	58.6	88.6	88.3	90.6
2004	86.8	86.8	71.7	64.7	75.9	85.1	86.8	89.6
2005	85.0	85.1	50.0	53.8	47.4	83.3	85.3	87.8
2006	82.5	82.5	50.0	--	--	83.4	82.1	86.0
2007	80.6	80.6	63.3	--	--	80.3	79.9	83.5
2008	78.9	78.9	35.7	--	--	80.1	78.0	82.6
2009	79.4	79.4	46.4	--	--	81.0	78.6	82.3
Non-Hispanic Black								
1999	3.0	3.0	0.6	0.6	0.7	1.4	5.1	6.6
2000	3.5	3.5	0.7	0.6	0.8	1.6	5.9	8.1
2001	3.5	3.5	0.7	0.6	0.8	1.5	5.8	8.4
2002	4.1	4.1	0.9	0.9	0.9	1.9	6.7	9.6
2003	4.3	4.3	0.8	0.6	0.9	2.0	6.8	10.4
2004	4.4	4.4	1.0	0.6	1.2	2.2	6.7	11.3
2005	4.6	4.6	1.1	0.8	1.3	2.6	6.7	11.4
2006	4.7	4.7	0.8	0.6	0.9	2.1	7.6	11.3
2007	4.3	4.3	0.7	0.9	0.5	1.7	6.4	13.1
2008	4.5	4.5	0.8	0.3	1.1	1.8	6.7	13.1
2009	4.8	4.8	0.8	0.7	0.8	2.1	7.6	12.0
Non-Hispanic White								
1999	24.0	24.0	21.0	14.2	23.5	34.7	23.7	18.4
2000	23.1	23.1	16.0	14.3	16.7	35.4	22.7	18.0
2001	23.8	23.9	19.4	17.3	20.2	35.7	24.2	17.8
2002	23.9	23.9	20.6	9.6	24.1	40.3	23.6	17.1
2003	22.4	22.4	23.1	18.6	24.5	34.6	23.1	16.2
2004	21.8	21.8	19.9	20.3	19.7	34.6	22.4	16.3
2005	21.2	21.2	23.7	13.6	27.4	34.4	22.1	14.5
2006	20.4	20.4	20.0	14.1	22.0	33.4	21.4	14.2
2007	20.9	21.0	27.5	19.0	30.7	34.5	21.6	14.8
2008	19.9	20.0	16.4	8.9	19.5	32.6	20.8	14.9
2009	19.5	19.5	11.5	8.0	12.7	32.7	20.7	14.1

Table 13. Births and percent of births by birth order and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Birth order							
	1 st child		2 nd child		3 rd child		≥ 4 th child	
	Births	Percent	Births	Percent	Births	Percent	Births	Percent
All race-ethnicities								
1999	15,924	31.5	13,501	26.7	9,168	18.1	11,941	23.6
2000	16,474	32.4	13,476	26.5	9,234	18.2	11,692	23.0
2001	16,001	32.3	13,143	26.5	9,189	18.5	11,247	22.7
2002	15,534	32.4	12,928	27.0	8,781	18.3	10,699	22.3
2003	15,634	32.5	12,838	26.7	8,724	18.2	10,838	22.6
2004	15,409	33.1	12,632	27.1	8,497	18.2	10,025	21.5
2005	15,490	34.1	12,195	26.9	8,046	17.7	9,684	21.3
2006	15,793	34.5	12,341	26.9	8,109	17.7	9,587	20.9
2007	16,039	34.7	12,558	27.2	8,092	17.5	9,554	20.7
2008	15,703	34.6	12,266	27.0	8,089	17.8	9,318	20.5
2009	15,347	34.5	12,200	27.5	7,925	17.8	8,969	20.2
Hispanic								
1999	5,764	32.1	5,141	28.7	3,511	19.6	3,526	19.7
2000	6,028	32.5	5,131	27.7	3,650	19.7	3,731	20.1
2001	5,868	31.5	5,245	28.2	3,744	20.1	3,748	20.1
2002	5,732	31.5	5,133	28.2	3,596	19.8	3,723	20.5
2003	5,641	30.8	5,185	28.3	3,693	20.1	3,811	20.8
2004	5,488	30.8	5,011	28.1	3,702	20.8	3,605	20.2
2005	5,465	31.5	4,875	28.1	3,502	20.2	3,494	20.2
2006	5,406	30.9	4,997	28.6	3,561	20.4	3,534	20.2
2007	5,430	31.2	4,935	28.4	3,554	20.4	3,474	20.0
2008	5,067	30.6	4,664	28.1	3,350	20.2	3,499	21.1
2009	4,623	29.5	4,425	28.2	3,253	20.8	3,367	21.5
Non-Hispanic Asian								
1999	851	42.0	633	31.2	329	16.2	213	10.5
2000	906	42.7	666	31.4	298	14.0	252	11.9
2001	851	42.8	604	30.4	325	16.4	207	10.4
2002	839	42.0	617	30.9	310	15.5	230	11.5
2003	924	42.9	689	32.0	304	14.1	238	11.0
2004	957	44.8	706	33.1	293	13.7	179	8.4
2005	977	45.5	672	31.3	275	12.8	222	10.3
2006	995	45.7	661	30.4	326	15.0	194	8.9
2007	1,062	46.1	717	31.1	323	14.0	201	8.7
2008	1,072	45.6	725	30.8	353	15.0	203	8.6
2009	1,066	44.4	724	30.2	382	15.9	227	9.5
Non-Hispanic Black								
1999	5,187	26.0	4,670	23.4	3,583	18.0	6,506	32.6
2000	5,225	26.9	4,485	23.1	3,606	18.6	6,120	31.5
2001	5,107	27.5	4,318	23.2	3,464	18.6	5,685	30.6
2002	4,737	27.5	4,031	23.4	3,201	18.6	5,237	30.4
2003	4,698	27.8	3,868	22.9	3,084	18.2	5,260	31.1
2004	4,640	28.8	3,812	23.6	2,849	17.7	4,834	30.0
2005	4,550	29.5	3,580	23.2	2,726	17.7	4,582	29.7
2006	4,882	31.1	3,611	23.0	2,701	17.2	4,493	28.6
2007	4,819	30.8	3,667	23.5	2,626	16.8	4,511	28.9
2008	4,630	30.9	3,475	23.2	2,677	17.8	4,221	28.1
2009	4,513	31.2	3,433	23.8	2,506	17.3	3,996	27.7
Non-Hispanic White								
1999	4,090	38.8	3,030	28.8	1,735	16.5	1,674	15.9
2000	4,278	40.1	3,172	29.7	1,661	15.6	1,566	14.7
2001	4,141	40.1	2,957	28.6	1,645	15.9	1,591	15.4
2002	4,198	40.1	3,125	29.8	1,665	15.9	1,490	14.2
2003	4,339	41.1	3,067	29.1	1,628	15.4	1,512	14.3
2004	4,281	41.3	3,075	29.6	1,630	15.7	1,389	13.4
2005	4,465	43.0	3,039	29.3	1,524	14.7	1,359	13.1
2006	4,470	43.2	3,046	29.4	1,500	14.5	1,336	12.9
2007	4,664	43.3	3,194	29.7	1,560	14.5	1,343	12.5
2008	4,847	43.4	3,319	29.7	1,670	14.9	1,336	12.0
2009	5,035	43.2	3,540	30.4	1,743	15.0	1,325	11.4

Table 14. Mean age of mother, in years, by birth order and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	All births	Birth order			
		1st child	2nd child	3rd child	4th child +
All race-ethnicities					
1999	26.2	23.5	25.7	27.3	29.3
2000	26.3	23.7	26.0	27.3	29.5
2001	26.5	23.8	26.1	27.8	29.8
2002	26.7	24.1	26.5	27.8	30.0
2003	27.0	24.5	26.6	28.1	30.1
2004	27.1	24.5	26.8	28.3	30.2
2005	27.1	24.7	27.0	28.4	30.3
2006	27.2	24.7	27.0	28.5	30.4
2007	27.3	24.8	27.1	28.6	30.4
2008	27.5	25.2	27.4	28.9	30.6
2009	27.8	25.5	27.7	29.0	30.7
Hispanic					
1999	25.5	22.2	24.8	27.3	30.1
2000	25.6	22.3	25.0	27.1	30.2
2001	25.8	22.3	25.1	27.7	30.1
2002	25.9	22.5	25.4	27.6	30.4
2003	26.1	22.8	25.5	27.9	30.4
2004	26.2	22.7	25.4	27.9	30.7
2005	26.3	22.8	25.7	28.1	30.6
2006	26.3	22.9	25.8	28.1	30.7
2007	26.4	22.9	25.9	28.4	30.8
2008	26.6	23.0	26.0	28.5	30.8
2009	26.9	23.3	26.3	28.6	31.0
Non-Hispanic Asian					
1999	29.2	27.4	29.6	31.0	32.1
2000	29.4	27.9	29.9	30.6	32.2
2001	29.4	27.8	29.7	31.2	31.9
2002	30.0	28.5	30.0	31.5	32.8
2003	30.0	28.5	30.4	31.4	32.7
2004	30.3	28.9	30.9	31.8	32.7
2005	30.4	29.2	30.6	31.8	33.0
2006	30.7	29.5	31.0	32.2	33.5
2007	30.7	29.2	31.4	32.2	34.0
2008	30.9	29.5	31.5	32.4	33.4
2009	31.1	29.7	31.4	32.7	33.4
Non-Hispanic Black					
1999	24.4	20.4	23.2	25.1	28.2
2000	24.6	20.5	23.5	25.4	28.3
2001	24.7	20.6	23.7	25.8	28.5
2002	24.8	20.9	23.8	25.5	28.7
2003	25.0	21.0	23.8	25.8	28.9
2004	24.9	21.0	23.9	26.0	28.9
2005	24.9	21.1	24.0	26.1	28.8
2006	24.9	21.0	24.0	26.2	29.0
2007	24.8	21.0	23.8	26.1	29.0
2008	25.0	21.2	23.9	26.1	29.2
2009	25.0	21.4	24.2	26.1	29.2
Non-Hispanic White					
1999	30.0	28.5	30.2	31.1	32.0
2000	30.1	28.8	30.2	31.5	32.3
2001	30.6	29.1	30.7	31.7	32.9
2002	30.6	29.1	30.9	31.8	33.1
2003	31.0	29.5	31.3	32.1	33.4
2004	31.2	29.7	31.4	32.6	33.6
2005	31.2	29.7	31.6	32.6	33.7
2006	31.2	29.8	31.6	32.7	33.7
2007	31.3	29.8	31.7	32.6	33.9
2008	31.6	30.1	32.0	33.2	33.9
2009	31.7	30.3	32.1	33.2	34.1

Table 15. Births to unmarried women by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	26,592	26,354	7,539	3,017	4,522	9,150	8,040	1,625
2000	26,588	26,371	7,101	2,959	4,142	9,409	8,148	1,713
2001	25,505	25,298	6,566	2,640	3,926	9,144	7,908	1,680
2002	24,412	24,225	6,026	2,444	3,582	8,755	7,872	1,572
2003	24,421	24,270	5,709	2,276	3,433	8,820	8,003	1,738
2004	23,991	23,815	5,638	2,269	3,369	8,407	8,092	1,678
2005	23,387	23,224	5,367	2,212	3,155	8,096	8,137	1,624
2006	24,335	24,185	5,709	2,272	3,437	8,304	8,432	1,740
2007	24,888	24,745	5,766	2,240	3,526	8,295	8,821	1,863
2008	23,965	23,836	5,393	1,972	3,421	7,955	8,657	1,831
2009	23,065	22,964	5,001	1,713	3,288	7,660	8,434	1,869
Hispanic								
1999	8,082	8,024	2,229	953	1,276	2,901	2,471	423
2000	8,682	8,630	2,253	921	1,332	3,105	2,811	461
2001	8,504	8,455	2,136	840	1,296	3,039	2,793	487
2002	8,435	8,388	2,062	862	1,200	2,991	2,861	474
2003	8,834	8,794	1,980	768	1,212	3,119	3,135	560
2004	8,893	8,844	2,051	842	1,209	3,048	3,148	597
2005	8,771	8,719	1,930	814	1,116	3,015	3,207	567
2006	9,347	9,306	2,056	802	1,254	3,190	3,428	632
2007	9,764	9,719	2,091	851	1,240	3,225	3,671	732
2008	9,330	9,299	1,973	741	1,232	3,083	3,543	700
2009	8,852	8,820	1,781	661	1,120	2,838	3,464	737
Non-Hispanic Asian								
1999	214	213	37	13	24	68	92	16
2000	222	222	39	--	--	58	99	26
2001	225	223	40	--	--	75	87	21
2002	243	242	19	--	--	81	122	20
2003	238	237	30	--	--	63	114	30
2004	222	222	29	--	--	60	107	26
2005	240	239	25	--	--	66	113	35
2006	229	229	22	--	--	60	104	43
2007	270	269	21	--	--	77	121	50
2008	281	--	--	--	--	63	143	51
2009	282	280	18	--	--	68	153	41
Non-Hispanic Black								
1999	16,397	16,228	4,896	1,931	2,965	5,556	4,776	1,000
2000	15,853	15,693	4,462	1,914	2,548	5,642	4,585	1,004
2001	15,135	14,988	4,124	1,705	2,419	5,477	4,427	960
2002	14,076	13,941	3,672	1,496	2,176	5,135	4,259	875
2003	13,812	13,707	3,471	1,434	2,037	5,144	4,153	939
2004	13,334	13,214	3,320	1,353	1,967	4,827	4,225	842
2005	12,822	12,718	3,215	1,321	1,894	4,541	4,170	792
2006	13,101	12,999	3,416	1,399	2,017	4,569	4,175	839
2007	13,207	13,120	3,476	1,326	2,150	4,527	4,272	845
2008	12,610	12,525	3,219	1,160	2,059	4,362	4,132	812
2009	12,251	12,203	3,035	998	2,037	4,318	4,036	814
Non-Hispanic White								
1999	1,847	1,837	362	114	248	607	684	184
2000	1,781	1,776	332	108	224	591	633	220
2001	1,606	1,597	261	83	178	541	587	208
2002	1,617	1,614	265	76	189	537	614	198
2003	1,498	1,493	216	61	155	479	591	207
2004	1,494	1,487	228	57	171	459	591	209
2005	1,515	1,510	188	63	125	462	636	224
2006	1,608	1,601	204	60	144	477	699	221
2007	1,581	1,571	171	57	114	440	729	231
2008	1,646	1,635	165	55	110	420	798	252
2009	1,602	1,586	156	45	111	421	746	263

Table 16. Percent of births to unmarried women by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	52.6	52.5	89.5	94.1	86.7	67.1	35.8	28.2
2000	52.3	52.1	89.2	94.9	85.6	68.0	35.7	28.6
2001	51.4	51.3	88.1	93.8	84.7	68.7	35.4	27.0
2002	50.9	50.8	89.3	95.0	85.8	68.8	35.7	25.6
2003	50.8	50.7	90.1	95.5	86.9	70.4	35.9	26.1
2004	51.5	51.4	90.7	95.5	87.7	71.6	37.0	25.7
2005	51.5	51.4	91.2	95.8	88.3	72.4	37.6	25.0
2006	53.1	53.0	92.9	96.2	90.9	74.0	39.3	25.7
2007	53.8	53.8	93.2	96.9	91.0	76.6	39.9	27.0
2008	52.8	52.8	94.5	97.3	93.0	77.5	39.2	25.6
2009	51.9	51.9	95.2	97.1	94.3	78.7	38.3	25.7
Hispanic								
1999	45.0	44.9	76.9	86.2	71.2	50.7	32.2	26.9
2000	46.8	46.7	76.9	87.6	71.0	53.1	34.7	28.9
2001	45.7	45.6	74.9	84.6	69.8	53.4	33.7	28.5
2002	46.4	46.3	78.2	88.2	72.2	53.8	34.7	28.2
2003	48.2	48.1	80.0	89.5	75.0	56.7	37.0	30.8
2004	49.9	49.9	81.9	90.5	76.8	58.7	38.4	32.5
2005	50.6	50.5	82.2	90.1	77.2	60.5	39.5	31.1
2006	53.4	53.4	86.3	91.3	83.3	62.8	42.6	32.7
2007	56.1	56.1	86.4	92.9	82.4	67.1	45.3	36.7
2008	56.3	56.2	89.1	94.0	86.3	68.4	45.3	35.3
2009	56.5	56.5	91.0	95.1	88.7	69.3	45.9	36.5
Non-Hispanic Asian								
1999	10.6	10.5	59.7	65.0	57.1	23.2	6.7	5.4
2000	10.5	10.5	65.0	--	--	18.8	7.0	7.5
2001	11.3	11.3	62.5	--	--	25.9	6.6	6.6
2002	12.2	12.1	61.3	--	--	30.9	9.1	5.6
2003	11.0	11.0	73.2	--	--	21.1	8.1	7.4
2004	10.4	10.4	63.0	--	--	24.1	7.5	6.5
2005	11.2	11.2	78.1	--	--	26.2	7.9	8.2
2006	10.5	10.6	57.9	--	--	27.6	7.2	9.0
2007	11.7	11.7	70.0	--	--	32.9	8.1	9.2
2008	11.9	--	--	--	--	29.9	9.4	8.6
2009	11.8	11.7	64.3	--	--	32.4	9.9	6.8
Non-Hispanic Black								
1999	82.2	82.1	98.4	99.2	97.9	90.2	68.2	60.9
2000	81.6	81.4	98.4	99.3	97.7	90.6	66.8	61.0
2001	81.5	81.4	98.6	99.7	97.8	90.1	68.5	56.8
2002	81.8	81.7	98.5	99.6	97.8	90.9	69.3	56.9
2003	81.7	81.6	98.6	99.7	97.9	91.3	69.1	57.7
2004	82.6	82.5	98.2	99.4	97.3	91.4	72.1	56.6
2005	83.1	83.0	98.8	99.7	98.1	92.0	72.7	56.7
2006	83.5	83.5	98.7	99.5	98.2	92.4	72.8	58.8
2007	84.5	84.5	98.8	99.6	98.3	93.2	74.9	58.6
2008	84.0	84.0	98.8	99.6	98.3	92.9	74.5	57.7
2009	84.8	84.8	99.1	99.0	99.2	93.9	74.9	60.4
Non-Hispanic White								
1999	17.5	17.5	76.7	89.8	71.9	42.0	10.8	8.2
2000	16.7	16.7	79.4	90.8	74.9	41.1	9.9	9.2
2001	15.5	15.5	74.6	84.7	70.6	43.9	9.4	8.4
2002	15.4	15.4	77.9	91.6	73.5	43.2	9.7	7.7
2003	14.2	14.2	75.5	87.1	71.8	44.6	9.3	7.4
2004	14.4	14.4	83.8	89.1	82.2	46.0	9.4	7.5
2005	14.6	14.6	78.0	95.5	71.4	46.6	10.1	7.9
2006	15.5	15.5	81.6	93.8	77.4	49.6	11.3	7.6
2007	14.7	14.7	81.0	98.3	74.5	48.6	10.9	8.0
2008	14.7	14.7	87.3	98.2	82.7	51.5	11.3	8.2
2009	13.8	13.7	81.3	90.0	78.2	52.9	10.1	8.1

Table 17. Average annual births and percent of births to unmarried women by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	395	51.9 (50.3, 53.5)	40 Washington Park	225	93.9 (92.5, 95.3)
2 West Ridge	319	31.2 (29.9, 32.5)	41 Hyde Park	67	26.6 (24.2, 29.0)
3 Uptown	251	38.3 (36.6, 40.0)	42 Woodlawn	317	81.7 (80.0, 83.4)
4 Lincoln Square	132	24.5 (22.9, 26.1)	43 South Shore	697	85.0 (83.9, 86.1)
5 North Center	64	11.3 (10.1, 12.5)	44 Chatham	373	84.6 (83.1, 86.1)
6 Lake View	97	9.9 (9.1, 10.7)	45 Avalon Park	94	78.9 (75.6, 82.2)
7 Lincoln Park	64	9.5 (8.5, 10.5)	46 South Chicago	462	79.7 (78.2, 81.2)
8 Near North Side	181	28.3 (26.7, 29.9)	47 Burnside	40	88.5 (84.4, 92.6)
9 Edison Park	15	12.2 (9.6, 14.8)	48 Calumet Heights	114	74.3 (71.2, 77.4)
10 Norwood Park	57	14.8 (13.2, 16.4)	49 Roseland	582	86.8 (85.7, 87.9)
11 Jefferson Park	82	26.6 (24.4, 28.8)	50 Pullman	91	79.6 (76.3, 82.9)
12 Forest Glen	22	12.2 (10.1, 14.3)	51 South Deering	160	70.6 (67.9, 73.3)
13 North Park	49	26.2 (23.4, 29.0)	52 East Side	216	53.2 (51.0, 55.4)
14 Albany Park	404	47.5 (46.0, 49.0)	53 West Pullman	466	86.6 (85.3, 87.9)
15 Portage Park	357	41.9 (40.4, 43.4)	54 Riverdale	85	95.5 (93.6, 97.4)
16 Irving Park	356	44.6 (43.1, 46.1)	55 Hegewisch	49	49.3 (44.9, 53.7)
17 Dunning	144	31.7 (29.8, 33.6)	56 Garfield Ridge	193	41.5 (39.5, 43.5)
18 Montclair	95	46.5 (43.4, 49.6)	57 Archer Heights	131	51.8 (49.0, 54.6)
19 Belmont Cragin	928	62.8 (61.7, 63.9)	58 Brighton Park	552	56.0 (54.6, 57.4)
20 Hermosa	338	69.6 (67.8, 71.4)	59 McKinley Park	134	51.2 (48.5, 53.9)
21 Avondale	394	57.7 (56.0, 59.4)	60 Bridgeport	167	41.5 (39.3, 43.7)
22 Logan Square	612	51.1 (49.8, 52.4)	61 New City	727	70.2 (69.0, 71.4)
23 Humboldt Park	939	83.5 (82.5, 84.5)	62 West Elsdon	144	43.6 (41.2, 46.0)
24 West Town	481	38.4 (37.2, 39.6)	63 Gage Park	514	54.9 (53.5, 56.3)
25 Austin	1547	88.5 (87.8, 89.2)	64 Clearing	120	39.0 (36.6, 41.4)
26 West Garfield Park	350	93.3 (92.2, 94.4)	65 West Lawn	287	46.9 (45.1, 48.7)
27 East Garfield Park	345	89.9 (88.6, 91.2)	66 Chicago Lawn	839	69.7 (68.5, 70.9)
28 Near West Side	315	41.7 (40.1, 43.3)	67 West Englewood	714	93.7 (92.9, 94.5)
29 North Lawndale	667	91.5 (90.6, 92.4)	68 Englewood	615	94.6 (93.8, 95.4)
30 South Lawndale	1,080	65.0 (64.0, 66.0)	69 Greater Grand Crossing	514	90.6 (89.5, 91.7)
31 Lower West Side	415	60.8 (59.2, 62.4)	70 Ashburn	298	50.5 (48.7, 52.3)
32 Loop	19	11.0 (8.9, 13.1)	71 Auburn Gresham	653	87.6 (86.5, 88.7)
33 Near South Side	73	24.7 (22.5, 26.9)	72 Beverly	53	23.3 (20.8, 25.8)
34 Armour Square	36	27.2 (23.8, 30.6)	73 Washington Heights	276	79.7 (77.8, 81.6)
35 Douglas	147	70.6 (67.8, 73.4)	74 Mount Greenwood	37	15.6 (13.5, 17.7)
36 Oakland	70	74.7 (70.8, 78.6)	75 Morgan Park	178	60.9 (58.4, 63.4)
37 Fuller Park	41	96.2 (93.6, 98.8)	76 O'Hare	39	21.5 (18.8, 24.2)
38 Grand Boulevard	231	78.3 (76.2, 80.4)	77 Edgewater	225	38.4 (36.6, 40.2)
39 Kenwood	120	57.5 (54.5, 60.5)	Chicago	23,928	57.2 (57.0, 57.4)

Figure 5. Average annual percent of births to unmarried women by community area of residence of mother, Chicago, 2005-2009

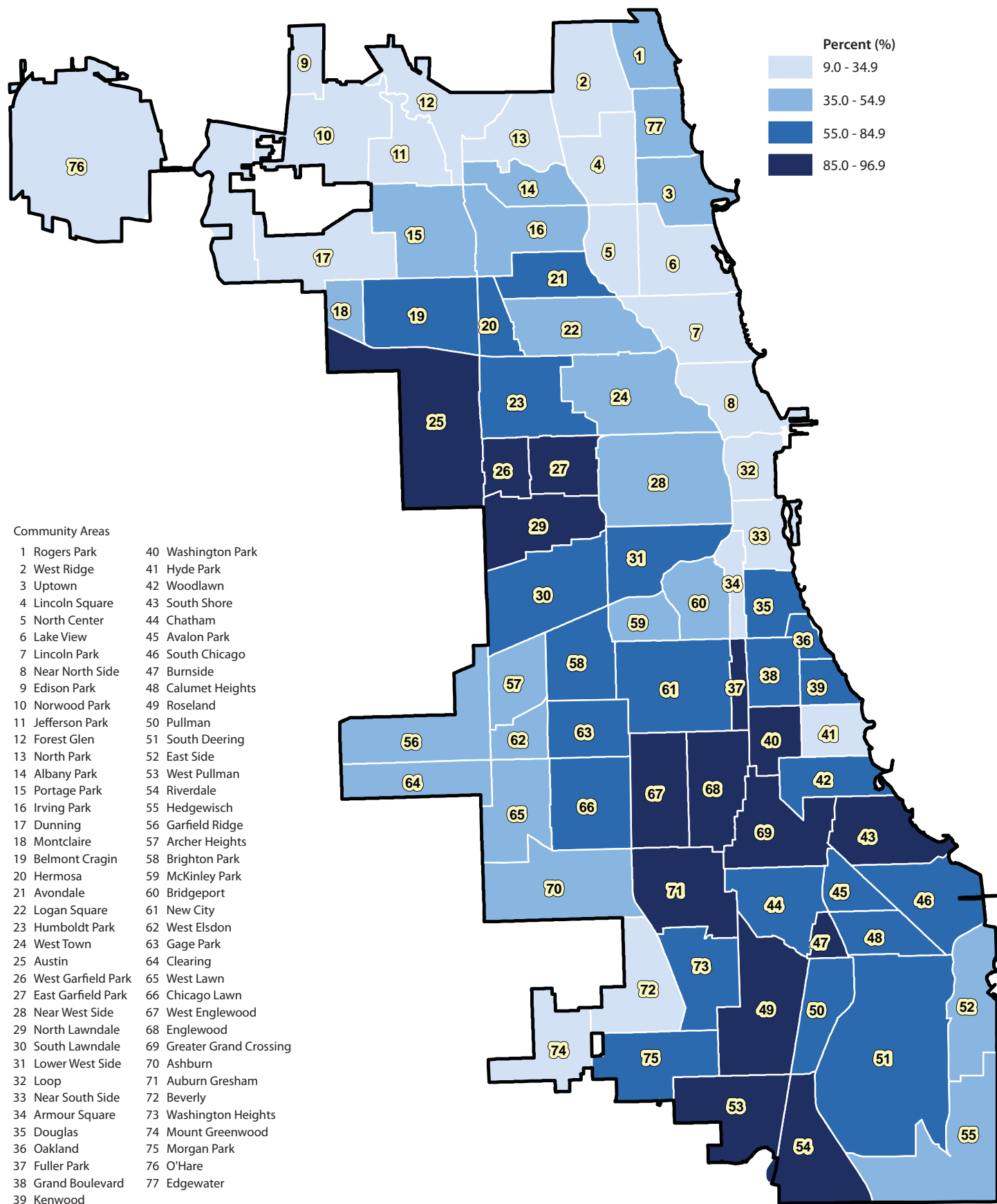


Table 18. Births by interpregnancy interval and by age and race-ethnicity of mother, Chicago, 2009

Interpregnancy interval and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
< 18 months	4,317	4,314	526	115	411	1,283	1,876	629
≥ 18 months	18,561	18,529	795	130	665	3,954	10,217	3,563
First pregnancy	15,347	15,260	3,689	1,465	2,224	3,539	6,587	1,445
Hispanic								
< 18 months	1,333	1,333	160	46	114	453	585	135
≥ 18 months	7,952	7,942	269	40	229	1,745	4,606	1,322
First pregnancy	4,623	4,593	1,437	587	850	1,523	1,400	233
Non-Hispanic Asian								
< 18 months	178	178	4	--	--	16	110	48
≥ 18 months	750	748	2	--	--	41	443	262
First pregnancy	1,066	1,063	21	--	--	126	756	160
Non-Hispanic Black								
< 18 months	1,822	1,822	346	65	281	748	601	127
≥ 18 months	6,295	6,288	506	85	421	1,961	3,053	768
First pregnancy	4,513	4,471	2,068	828	1,240	1,438	809	156
Non-Hispanic White								
< 18 months	961	958	15	3	12	63	566	314
≥ 18 months	3,499	3,487	18	4	14	202	2,075	1,192
First pregnancy	5,035	5,024	152	42	110	443	3,557	872

Table 19. Percent of births by interpregnancy interval and by age and race-ethnicity of mother, Chicago, 2009*

Interpregnancy interval and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
< 18 months	11.3	11.3	10.5	6.7	12.5	14.6	10.0	11.2
≥ 18 months	48.6	48.6	15.9	7.6	20.2	45.1	54.7	63.2
First pregnancy	40.1	40.0	73.6	85.7	67.4	40.3	35.3	25.6
Hispanic								
< 18 months	9.6	9.6	8.6	6.8	9.6	12.2	8.9	8.0
≥ 18 months	57.2	57.3	14.4	5.9	19.2	46.9	69.9	78.2
First pregnancy	33.2	33.1	77.0	87.2	71.2	40.9	21.2	13.8
Non-Hispanic Asian								
< 18 months	8.9	8.9	14.8	--	--	8.7	8.4	10.2
≥ 18 months	37.6	37.6	7.4	--	--	22.4	33.8	55.7
First pregnancy	53.5	53.4	77.8	--	--	68.9	57.8	34.0
Non-Hispanic Black								
< 18 months	14.4	14.5	11.8	6.6	14.5	18.0	13.5	12.1
≥ 18 months	49.8	50.0	17.3	8.7	21.7	47.3	68.4	73.1
First pregnancy	35.7	35.5	70.8	84.7	63.9	34.7	18.1	14.8
Non-Hispanic White								
< 18 months	10.1	10.1	8.1	6.1	8.8	8.9	9.1	13.2
≥ 18 months	36.9	36.8	9.7	8.2	10.3	28.5	33.5	50.1
First pregnancy	53.0	53.1	82.2	85.7	80.9	62.6	57.4	36.7

*Births for which interpregnancy interval was not reported on the birth certificate were excluded from the calculation of percentages.

Table 20. Births to women who have had a previous pregnancy and whose interpregnancy interval was less than 18 months by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	5,973	5,964	1,055	290	765	2,057	2,339	513
2000	5,810	5,806	970	292	678	1,897	2,354	585
2001	5,322	5,318	830	207	623	1,839	2,105	544
2002	4,824	4,816	688	198	490	1,645	1,964	519
2003	4,784	4,780	648	163	485	1,594	1,952	586
2004	4,550	4,545	637	179	458	1,434	1,914	560
2005	4,403	4,398	611	164	447	1,424	1,845	518
2006	4,439	4,433	608	168	440	1,396	1,833	596
2007	4,712	4,703	647	177	470	1,474	2,011	571
2008	4,481	4,479	620	138	482	1,315	1,938	606
2009	4,317	4,314	526	115	411	1,283	1,876	629
Hispanic								
1999	1,782	1,779	300	101	199	685	680	114
2000	1,880	1,878	296	77	219	663	757	162
2001	1,777	1,777	263	65	198	679	691	144
2002	1,620	1,619	228	68	160	575	686	130
2003	1,595	1,595	214	51	163	566	676	139
2004	1,592	1,590	241	69	172	515	687	147
2005	1,477	1,475	218	63	155	517	609	131
2006	1,513	1,511	220	66	154	528	622	141
2007	1,522	1,519	219	65	154	514	650	136
2008	1,465	1,465	195	49	146	477	635	158
2009	1,333	1,333	160	46	114	453	585	135
Non-Hispanic Asian								
1999	182	182	6	0	6	25	125	26
2000	171	171	1	0	1	27	115	28
2001	154	--	--	--	--	23	107	17
2002	115	--	--	--	--	13	89	12
2003	144	--	--	--	--	26	84	30
2004	150	--	--	--	--	22	97	30
2005	143	--	--	--	--	20	87	33
2006	144	--	--	--	--	23	89	31
2007	164	--	--	--	--	22	96	44
2008	146	146	0	0	0	9	91	46
2009	178	--	--	--	--	16	110	48
Non-Hispanic Black								
1999	2,961	2,956	697	184	513	1,147	967	145
2000	2,723	2,721	630	203	427	1,043	901	147
2001	2,499	2,496	535	136	399	1,018	789	154
2002	2,209	2,204	428	126	302	945	701	130
2003	2,123	2,120	403	106	297	901	681	135
2004	1,946	1,944	369	106	263	803	651	121
2005	1,897	1,894	367	96	271	782	641	104
2006	1,886	1,883	364	97	267	756	648	115
2007	2,115	2,112	409	110	299	831	750	122
2008	1,968	1,966	412	86	326	750	694	110
2009	1,822	1,822	346	65	281	748	601	127
Non-Hispanic White								
1999	1,036	1,035	51	5	46	194	562	228
2000	1,024	1,024	41	12	29	162	576	245
2001	885	884	25	--	--	118	513	228
2002	873	871	30	--	--	111	485	245
2003	913	912	25	--	--	99	506	282
2004	855	854	26	4	22	91	475	262
2005	879	879	22	--	--	105	504	248
2006	887	886	22	--	--	87	472	305
2007	902	900	16	--	--	105	511	268
2008	884	884	12	--	--	75	507	290
2009	961	958	15	--	--	63	566	314

Table 21. Percent of births to women who have had a previous pregnancy and whose interpregnancy interval was less than 18 months by age and race-ethnicity of mother, Chicago, 1999-2009*

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	20.3	20.3	38.5	46.9	36.1	24.7	16.3	12.8
2000	19.1	19.2	38.3	47.4	35.4	22.3	15.6	13.9
2001	18.4	18.4	37.4	44.1	35.5	23.0	14.6	12.8
2002	18.1	18.1	36.9	49.1	33.5	22.5	14.5	13.5
2003	18.3	18.3	37.1	44.9	35.0	22.4	14.8	14.5
2004	18.2	18.3	38.0	49.2	34.9	22.2	14.9	14.2
2005	18.5	18.5	40.2	50.5	37.4	23.6	14.8	13.7
2006	18.5	18.5	38.5	48.0	35.8	22.9	14.8	15.3
2007	19.4	19.5	38.8	48.5	36.1	25.3	15.9	14.1
2008	19.2	19.3	42.9	48.9	41.5	23.8	15.9	14.9
2009	18.9	18.9	39.8	46.9	38.2	24.5	15.5	15.0
Hispanic								
1999	16.7	16.7	38.1	52.6	33.4	21.4	12.5	9.4
2000	16.3	16.3	36.9	46.1	34.5	19.6	12.6	12.5
2001	15.8	15.8	35.4	46.8	32.8	21.5	11.5	10.8
2002	15.2	15.2	36.1	48.9	32.5	19.3	11.8	10.4
2003	14.9	14.9	34.5	45.5	32.0	19.1	11.7	10.4
2004	15.3	15.3	38.7	53.1	34.9	18.8	12.2	10.9
2005	14.8	14.8	39.6	52.9	35.9	20.1	11.1	9.9
2006	15.0	15.0	37.9	51.2	34.1	19.8	11.3	10.4
2007	15.2	15.2	37.3	54.6	32.9	20.8	11.8	9.6
2008	15.2	15.2	39.1	51.0	36.2	20.3	11.8	11.2
2009	14.4	14.4	37.3	53.5	33.2	20.6	11.3	9.3
Non-Hispanic Asian								
1999	18.3	18.3	42.9	0.0	42.9	24.3	18.5	13.0
2000	16.2	16.2	10.0	0.0	10.0	23.9	16.3	12.4
2001	16.7	--	--	--	--	22.1	17.1	9.3
2002	13.3	--	--	--	--	16.3	15.2	6.2
2003	16.5	--	--	--	--	29.2	14.5	15.6
2004	17.2	--	--	--	--	31.0	16.9	13.5
2005	17.5	--	--	--	--	27.4	16.6	15.5
2006	17.1	--	--	--	--	30.3	16.5	14.2
2007	18.7	--	--	--	--	31.9	18.2	16.2
2008	16.6	16.6	0.0	0.0	0.0	15.5	17.1	16.1
2009	19.2	--	--	--	--	28.1	19.9	15.5
Non-Hispanic Black								
1999	23.7	23.7	38.2	44.6	36.3	26.6	18.9	12.0
2000	21.8	21.8	39.2	47.4	36.2	24.0	17.2	11.4
2001	21.1	21.1	38.2	42.5	36.9	24.3	16.0	11.8
2002	21.2	21.2	36.8	49.0	33.3	25.2	15.9	11.9
2003	21.1	21.1	38.0	43.8	36.3	24.9	16.0	11.9
2004	20.7	20.7	37.5	47.7	34.5	24.5	15.8	11.8
2005	21.3	21.3	40.0	48.2	37.7	26.0	15.9	11.1
2006	20.8	20.9	38.7	45.8	36.6	25.3	15.6	12.0
2007	23.2	23.2	39.7	45.5	37.9	28.3	18.3	12.0
2008	23.2	23.3	45.2	48.0	44.5	26.7	18.2	11.9
2009	22.4	22.5	40.6	43.3	40.0	27.6	16.4	14.2
Non-Hispanic White								
1999	19.5	19.6	46.4	38.5	47.4	28.9	17.9	16.8
2000	19.5	19.6	38.7	57.1	34.1	24.6	18.7	17.6
2001	18.4	18.4	37.3	--	--	22.5	18.2	16.3
2002	19.0	19.0	46.2	--	--	22.5	17.8	18.7
2003	20.8	20.8	43.9	--	--	23.0	20.0	20.7
2004	20.2	20.3	40.6	36.4	41.5	24.9	19.4	19.7
2005	21.6	21.7	52.4	--	--	28.8	21.4	19.1
2006	22.3	22.4	42.3	--	--	23.8	21.7	22.4
2007	21.6	21.7	37.2	--	--	30.6	21.0	20.1
2008	20.9	21.0	46.2	--	--	25.2	20.6	20.3
2009	21.5	21.6	45.5	--	--	23.8	21.4	20.8

*Births for which pregnancy interval was not reported on the birth certificate, first pregnancies (no interval) and duplicate records of plural births were excluded from the calculation of percentages.

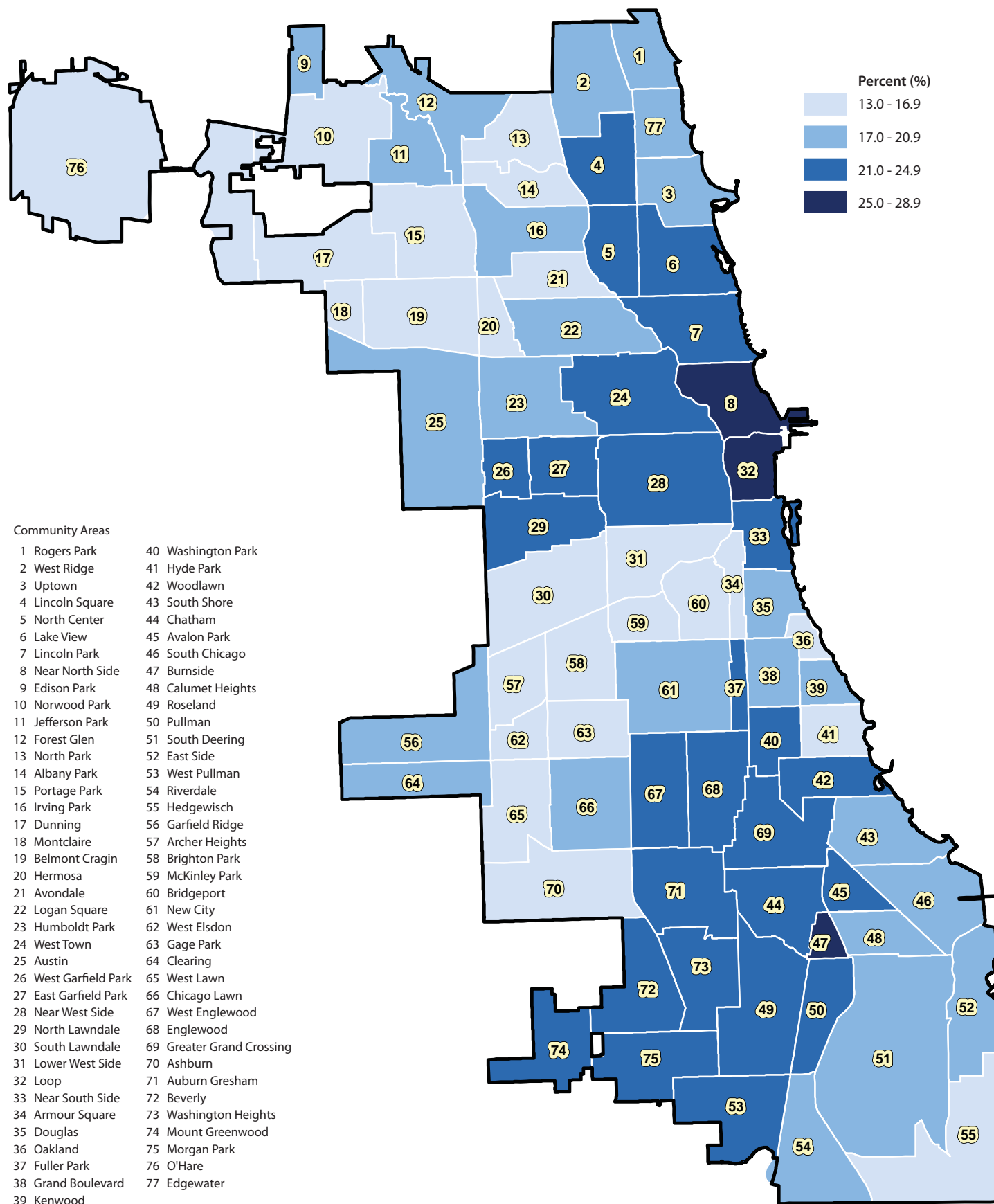
Table 22. Average annual births and percent of births to women who have had a previous pregnancy and whose interpregnancy interval was less than 18 months by community area of residence of mother, Chicago, 2005-2009*

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	75	18.4 (16.7, 20.1)	40 Washington Park	37	24.2 (21.2, 27.2)
2 West Ridge	99	17.0 (15.6, 18.4)	41 Hyde Park	21	16.9 (14.0, 19.8)
3 Uptown	47	17.0 (15.0, 19.0)	42 Woodlawn	57	23.5 (21.1, 25.9)
4 Lincoln Square	47	21.1 (18.7, 23.5)	43 South Shore	103	20.9 (19.3, 22.5)
5 North Center	52	22.5 (20.1, 24.9)	44 Chatham	59	21.3 (19.1, 23.5)
6 Lake View	81	24.7 (22.6, 26.8)	45 Avalon Park	17	23.1 (18.7, 27.5)
7 Lincoln Park	65	24.9 (22.5, 27.3)	46 South Chicago	74	20.2 (18.4, 22.0)
8 Near North Side	60	28.8 (26.1, 31.5)	47 Burnside	7	27.3 (19.6, 35.0)
9 Edison Park	12	17.3 (13.3, 21.3)	48 Calumet Heights	18	19.0 (15.5, 22.5)
10 Norwood Park	35	16.1 (13.9, 18.3)	49 Roseland	95	23.7 (21.8, 25.6)
11 Jefferson Park	28	17.8 (15.1, 20.5)	50 Pullman	16	22.5 (18.2, 26.8)
12 Forest Glen	22	20.6 (17.2, 24.0)	51 South Deering	30	19.8 (17.0, 22.6)
13 North Park	16	15.0 (11.9, 18.1)	52 East Side	49	17.3 (15.3, 19.3)
14 Albany Park	70	15.1 (13.6, 16.6)	53 West Pullman	78	23.7 (21.6, 25.8)
15 Portage Park	77	16.8 (15.3, 18.3)	54 Riverdale	11	19.6 (15.0, 24.2)
16 Irving Park	73	17.2 (15.6, 18.8)	55 Hegewisch	10	13.8 (10.2, 17.4)
17 Dunning	34	14.3 (12.3, 16.3)	56 Garfield Ridge	48	17.6 (15.6, 19.6)
18 Montclair	15	13.0 (10.3, 15.7)	57 Archer Heights	23	14.7 (12.2, 17.2)
19 Belmont Cragin	128	14.2 (13.2, 15.2)	58 Brighton Park	93	14.6 (13.4, 15.8)
20 Hermosa	43	14.6 (12.8, 16.4)	59 McKinley Park	23	14.6 (12.1, 17.1)
21 Avondale	57	14.8 (13.2, 16.4)	60 Bridgeport	33	15.7 (13.5, 17.9)
22 Logan Square	109	17.5 (16.2, 18.8)	61 New City	127	18.9 (17.6, 20.2)
23 Humboldt park	137	19.4 (18.1, 20.7)	62 West Elsdon	31	14.9 (12.7, 17.1)
24 West Town	120	23.0 (21.4, 24.6)	63 Gage Park	89	14.6 (13.3, 15.9)
25 Austin	219	20.8 (19.7, 21.9)	64 Clearing	33	18.1 (15.6, 20.6)
26 West Garfield Park	49	21.6 (19.2, 24.0)	65 West Lawn	56	14.2 (12.7, 15.7)
27 East Garfield Park	55	23.4 (21, 25.8)	66 Chicago Lawn	140	18.3 (17.1, 19.5)
28 Near West Side	80	24.4 (22.3, 26.5)	67 West Englewood	111	23.5 (21.8, 25.2)
29 North Lawndale	96	21.6 (19.9, 23.3)	68 Englewood	100	24.9 (23.0, 26.8)
30 South Lawndale	174	16.0 (15.0, 17.0)	69 Greater Grand Crossing	84	23.0 (21.1, 24.9)
31 Lower West Side	65	15.3 (13.8, 16.8)	70 Ashburn	58	15.2 (13.6, 16.8)
32 Loop	13	25.1 (19.8, 30.4)	71 Auburn Gresham	101	22.6 (20.9, 24.3)
33 Near South Side	24	21.6 (18.2, 25.0)	72 Beverly	29	21.0 (17.9, 24.1)
34 Armour Square	11	15.9 (12.1, 19.7)	73 Washington Heights	50	23.9 (21.3, 26.5)
35 Douglas	19	18.1 (14.8, 21.4)	74 Mount Greenwood	34	23.9 (20.8, 27.0)
36 Oakland	8	15.1 (10.8, 19.4)	75 Morgan Park	40	23.5 (20.6, 26.4)
37 Fuller Park	6	22.9 (15.7, 30.1)	76 O'Hare	13	16.1 (12.5, 19.7)
38 Grand Boulevard	29	17.7 (15.1, 20.3)	77 Edgewater	49	18.5 (16.4, 20.6)
39 Kenwood	21	17.7 (14.6, 20.8)	Chicago	4,470	18.9 (18.7, 19.1)

*Births for which pregnancy interval was not reported on the birth certificate, first pregnancies (no interval) and duplicate records of plural births were excluded from the calculation of percentages.

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Figure 6. Average annual percent of births to women who have had a previous pregnancy and whose interpregnancy interval was less than 18 months by community area of residence of mother, Chicago, 2005-2009*



*Births for which pregnancy interval was not reported on the birth certificate, first pregnancies (no interval) and duplicate records of plural births were excluded from the calculation of percentages.

Table 23. Births and percent of births to women with medical risk factors by age and race-ethnicity of mother, Chicago, 2009

Risk factor and race-ethnicity of mother	Age of mother (years)											
	All Ages		15-44		15-19		20-24		25-34		35-44	
	Births	Percent	Births	Percent	Births	Percent	Births	Percent	Births	Percent	Births	Percent
All race-ethnicities												
Anemia	1,933	4.3	1,922	4.3	256	4.9	486	5.0	864	3.9	316	4.3
Diabetes*	1,772	4.0	1,765	4.0	42	0.8	224	2.3	949	4.3	550	7.5
Herpes, genital	675	1.5	669	1.5	34	0.6	82	0.8	348	1.6	205	2.8
Hypertension, chronic	770	1.7	767	1.7	33	0.6	116	1.2	356	1.6	262	3.6
Hypertension, pregnancy associated	1,410	3.2	1,394	3.1	198	3.8	324	3.3	601	2.7	271	3.7
Lung disease, acute or chronic	1,788	4.0	1,781	4.0	183	3.5	409	4.2	857	3.9	332	4.6
RH Sensitization	747	1.7	744	1.7	38	0.7	86	0.9	443	2.0	177	2.4
Other ¹	11,653	26.2	11,600	26.2	1,563	29.8	2,766	28.4	5,414	24.6	1,857	25.5
Hispanic												
Anemia	611	3.9	607	3.9	103	5.3	202	4.9	240	3.2	62	3.1
Diabetes*	910	5.8	909	5.8	25	1.3	125	3.1	492	6.5	267	13.2
Herpes, genital	121	0.8	121	0.8	9	0.5	31	0.8	59	0.8	22	1.1
Hypertension, chronic	140	0.9	140	0.9	11	0.6	19	0.5	63	0.8	47	2.3
Hypertension, pregnancy associated	413	2.6	411	2.6	48	2.5	114	2.8	183	2.4	66	3.3
Lung disease, acute or chronic	378	2.4	377	2.4	55	2.8	112	2.7	161	2.1	49	2.4
RH Sensitization	114	0.7	113	0.7	13	0.7	28	0.7	56	0.7	16	0.8
Other ¹	3,894	24.9	3,881	24.8	524	26.8	941	23.0	1,852	24.5	564	27.9
Non-Hispanic Asian												
Anemia	94	3.9	94	3.9	1	3.6	9	4.3	62	4.0	22	3.6
Diabetes*	142	5.9	141	5.9	1	3.6	7	3.3	74	4.8	59	9.8
Herpes, genital	28	1.2	28	1.2	0	0.0	3	1.4	12	0.8	13	2.1
Hypertension, chronic	22	0.9	21	0.9	0	0.0	0	0.0	9	0.6	12	2.0
Hypertension, pregnancy associated	48	2.0	45	1.9	1	3.6	5	2.4	30	1.9	9	1.5
Lung disease, acute or chronic	63	2.6	63	2.6	0	0.0	4	1.9	43	2.8	16	2.6
RH Sensitization	14	0.6	14	0.6	0	0.0	1	0.5	12	0.8	1	0.2
Other ¹	408	17.0	404	16.9	6	21.4	35	16.7	256	16.5	107	17.7
Non-Hispanic Black												
Anemia	736	5.1	732	5.1	147	4.8	254	5.5	260	4.8	71	5.3
Diabetes*	414	2.9	411	2.9	16	0.5	69	1.5	211	3.9	115	8.5
Herpes, genital	172	1.2	172	1.2	25	0.8	43	0.9	81	1.5	23	1.7
Hypertension, chronic	456	3.2	456	3.2	22	0.7	90	2.0	207	3.8	137	10.2
Hypertension, pregnancy associated	597	4.1	596	4.1	140	4.6	182	4.0	199	3.7	75	5.6
Lung disease, acute or chronic	727	5.0	725	5.0	120	3.9	263	5.7	265	4.9	77	5.7
RH Sensitization	125	0.9	125	0.9	20	0.7	43	0.9	52	1.0	10	0.7
Other ¹	5,022	34.8	5,004	34.8	979	32.0	1,601	34.8	1,911	35.5	513	38.1
Non-Hispanic White												
Anemia	480	4.1	477	4.1	5	2.6	18	2.3	295	4.0	159	4.9
Diabetes*	297	2.6	295	2.5	0	0.0	22	2.8	168	2.3	105	3.2
Herpes, genital	347	3.0	341	2.9	0	0.0	5	0.6	193	2.6	143	4.4
Hypertension, chronic	141	1.2	139	1.2	0	0.0	7	0.9	71	1.0	61	1.9
Hypertension, pregnancy associated	336	2.9	326	2.8	6	3.1	22	2.8	181	2.5	117	3.6
Lung disease, acute or chronic	604	5.2	600	5.2	8	4.2	28	3.5	376	5.1	188	5.8
RH Sensitization	487	4.2	485	4.2	5	2.6	14	1.8	318	4.3	148	4.6
Other ¹	2,259	19.4	2,241	19.3	53	27.6	181	22.7	1,351	18.4	656	20.3

*Includes gestational, type 1 and type 2 diabetes.

¹May include cardiac disease, hydramnios/oligohydramnios, hemoglobinopathy, eclampsia, incompetent cervix, previous birth to infant with birthweight greater than 4000 grams, previous preterm or small-for-gestational-age infant, uterine bleeding or other medical risk factor.

Table 24. Births and percent of births to women with diabetes*, chronic hypertension or pregnancy-associated hypertension by race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Diabetes		Chronic hypertension		Pregnancy-associated hypertension	
	Births	Percent	Births	Percent	Births	Percent
All race-ethnicities						
1999	1,156	2.3	305	0.6	1,275	2.5
2000	1,380	2.7	336	0.7	1,192	2.3
2001	1,465	3.0	322	0.6	1,229	2.5
2002	1,494	3.1	334	0.7	1,120	2.3
2003	1,352	2.8	366	0.8	1,057	2.2
2004	1,218	2.6	407	0.9	798	1.7
2005	1,260	2.8	424	0.9	933	2.1
2006	1,411	3.1	420	0.9	901	2.0
2007	1,715	3.7	522	1.1	1,039	2.2
2008	1,782	3.9	624	1.4	1,300	2.9
2009	1,772	4.0	770	1.7	1,410	3.2
Hispanic						
1999	481	2.7	45	0.3	412	2.3
2000	655	3.5	53	0.3	391	2.1
2001	687	3.7	67	0.4	384	2.1
2002	747	4.1	51	0.3	326	1.8
2003	658	3.6	61	0.3	270	1.5
2004	619	3.5	61	0.3	215	1.2
2005	619	3.6	71	0.4	248	1.4
2006	650	3.7	66	0.4	234	1.3
2007	923	5.3	114	0.7	280	1.6
2008	914	5.5	118	0.7	362	2.2
2009	910	5.8	140	0.9	413	2.6
Non-Hispanic Asian						
1999	92	4.5	7	0.3	47	2.3
2000	95	4.5	10	0.5	37	1.7
2001	96	4.8	12	0.6	42	2.1
2002	116	5.8	9	0.5	46	2.3
2003	98	4.5	13	0.6	39	1.8
2004	87	4.1	12	0.6	30	1.4
2005	107	5.0	8	0.4	38	1.8
2006	97	4.5	10	0.5	39	1.8
2007	112	4.9	23	1.0	31	1.3
2008	135	5.7	17	0.7	44	1.9
2009	142	5.9	22	0.9	48	2.0
Non-Hispanic Black						
1999	364	1.8	195	1.0	518	2.6
2000	349	1.8	214	1.1	489	2.5
2001	418	2.3	189	1.0	482	2.6
2002	346	2.0	194	1.1	441	2.6
2003	356	2.1	212	1.3	438	2.6
2004	281	1.7	242	1.5	314	1.9
2005	289	1.9	261	1.7	396	2.6
2006	398	2.5	289	1.8	349	2.2
2007	417	2.7	308	2.0	459	2.9
2008	441	2.9	402	2.7	545	3.6
2009	414	2.9	456	3.2	597	4.1
Non-Hispanic White						
1999	215	2.0	58	0.6	297	2.8
2000	278	2.6	56	0.5	273	2.6
2001	262	2.5	53	0.5	319	3.1
2002	279	2.7	80	0.8	306	2.9
2003	236	2.2	80	0.8	306	2.9
2004	229	2.2	91	0.9	236	2.3
2005	240	2.3	84	0.8	251	2.4
2006	263	2.5	55	0.5	278	2.7
2007	257	2.4	75	0.7	265	2.5
2008	284	2.5	81	0.7	339	3.0
2009	297	2.6	141	1.2	336	2.9

*Includes gestational, type 1 and type 2 diabetes.

Table 25. Births to women who reported smoking during pregnancy by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	4,278	4,264	597	193	404	1,102	1,886	679
2000	3,941	3,934	558	183	375	1,101	1,688	587
2001	3,556	3,541	464	158	306	1,050	1,437	590
2002	3,273	3,262	399	116	283	1,028	1,356	479
2003	2,978	2,973	344	107	237	928	1,191	510
2004	2,618	2,612	305	86	219	801	1,095	411
2005	2,152	2,147	217	64	153	684	930	316
2006	2,044	2,037	226	65	161	612	913	286
2007	1,914	1,910	188	46	142	616	848	258
2008	1,703	1,697	167	47	120	494	814	222
2009	1,676	1,673	158	33	125	521	791	203
Hispanic								
1999	365	364	72	24	48	109	145	38
2000	351	350	65	24	41	110	140	35
2001	314	313	49	18	31	87	126	51
2002	275	273	36	8	28	110	99	28
2003	239	238	24	5	19	83	94	37
2004	227	227	36	12	24	64	100	27
2005	152	151	23	5	18	52	64	12
2006	157	157	23	6	17	42	70	22
2007	154	153	21	10	11	59	59	14
2008	129	129	24	5	19	32	61	12
2009	127	127	9	3	6	37	66	15
Non-Hispanic Asian								
1999	16	16	2	2	0	3	8	3
2000	9	9	1	0	1	0	8	0
2001	21	20	1	0	1	8	7	4
2002	14	14	0	0	0	5	7	2
2003	22	22	2	0	2	4	16	0
2004	19	19	2	1	1	5	9	3
2005	6	6	0	0	0	1	3	2
2006	7	7	0	0	0	1	4	2
2007	10	10	1	0	1	5	4	0
2008	1	1	0	0	0	0	1	0
2009	8	8	1	0	1	3	2	2
Non-Hispanic Black								
1999	2,960	2,950	446	143	303	779	1,251	474
2000	2,779	2,774	406	136	270	813	1,142	413
2001	2,597	2,584	360	129	231	796	1,008	420
2002	2,336	2,327	307	94	213	758	928	334
2003	2,174	2,170	287	99	188	707	827	349
2004	1,884	1,878	234	65	169	616	733	295
2005	1,614	1,611	172	50	122	532	679	228
2006	1,559	1,552	175	49	126	483	695	199
2007	1,468	1,465	147	31	116	483	646	189
2008	1,306	1,301	119	32	87	412	591	179
2009	1,302	1,301	132	26	106	423	599	147
Non-Hispanic White								
1999	922	919	76	24	52	208	472	163
2000	792	791	82	23	59	178	394	137
2001	618	618	53	11	42	157	295	113
2002	640	640	55	14	41	151	319	115
2003	534	534	29	2	27	130	254	121
2004	482	482	31	7	24	116	249	86
2005	374	373	22	9	13	98	182	71
2006	316	316	28	10	18	86	141	61
2007	278	278	19	5	14	68	137	54
2008	260	259	24	10	14	49	157	29
2009	229	227	16	4	12	57	119	35

Table 26. Percent of births to women who reported smoking during pregnancy by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	8.5	8.5	6.0	7.7	7.1	8.1	8.4	11.8
2000	7.7	7.8	5.9	7.7	7.0	8.0	7.4	9.8
2001	7.2	7.2	5.6	6.6	6.2	7.9	6.4	9.5
2002	6.8	6.8	4.5	6.8	5.9	8.1	6.1	7.8
2003	6.2	6.2	4.5	6.0	5.4	7.4	5.3	7.7
2004	5.6	5.6	3.6	5.7	4.9	6.8	5.0	6.3
2005	4.7	4.7	2.8	4.3	3.7	6.1	4.3	4.9
2006	4.5	4.5	2.8	4.3	3.7	5.5	4.3	4.2
2007	4.1	4.2	2.0	3.7	3.0	5.7	3.8	3.7
2008	3.8	3.8	2.3	3.3	2.9	4.8	3.7	3.1
2009	3.8	3.8	1.9	3.6	3.0	5.4	3.6	2.8
Hispanic								
1999	2.0	2.0	2.2	2.7	2.5	1.9	1.9	2.4
2000	1.9	1.9	2.3	2.2	2.2	1.9	1.7	2.2
2001	1.7	1.7	1.8	1.7	1.7	1.5	1.5	3.0
2002	1.5	1.5	0.8	1.7	1.4	2.0	1.2	1.7
2003	1.3	1.3	0.6	1.2	1.0	1.5	1.1	2.0
2004	1.3	1.3	1.3	1.5	1.4	1.2	1.2	1.5
2005	0.9	0.9	0.6	1.2	1.0	1.0	0.8	0.7
2006	0.9	0.9	0.7	1.1	1.0	0.8	0.9	1.1
2007	0.9	0.9	1.1	0.7	0.9	1.2	0.7	0.7
2008	0.8	0.8	0.6	1.3	1.1	0.7	0.8	0.6
2009	0.8	0.8	0.4	0.5	0.5	0.9	0.9	0.7
Non-Hispanic Asian								
1999	0.8	0.8	10.0	0.0	3.2	1.0	0.6	1.0
2000	0.4	0.4	0.0	2.1	1.7	0.0	0.6	0.0
2001	1.1	1.0	0.0	1.9	1.6	2.8	0.5	1.3
2002	0.7	0.7	0.0	0.0	0.0	1.9	0.5	0.6
2003	1.0	1.0	0.0	6.9	4.9	1.3	1.1	0.0
2004	0.9	0.9	5.9	3.4	4.3	2.0	0.6	0.7
2005	0.3	0.3	0.0	0.0	0.0	0.4	0.2	0.5
2006	0.3	0.3	0.0	0.0	0.0	0.5	0.3	0.4
2007	0.4	0.4	0.0	4.0	3.3	2.1	0.3	0.0
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
2009	0.3	0.3	0.0	4.8	3.6	1.4	0.1	0.3
Non-Hispanic Black								
1999	14.8	14.9	7.3	10.0	9.0	12.7	17.9	28.9
2000	14.3	14.4	7.1	10.4	9.0	13.1	16.6	25.1
2001	14.0	14.0	7.5	9.3	8.6	13.1	15.6	24.8
2002	13.6	13.6	6.3	9.6	8.2	13.4	15.1	21.7
2003	12.9	12.9	6.9	9.0	8.2	12.5	13.8	21.4
2004	11.7	11.7	4.8	8.4	6.9	11.7	12.5	19.8
2005	10.5	10.5	3.8	6.3	5.3	10.8	11.8	16.3
2006	9.9	10.0	3.5	6.1	5.1	9.8	12.1	13.9
2007	9.4	9.4	2.3	5.3	4.2	9.9	11.3	13.1
2008	8.7	8.7	2.7	4.2	3.7	8.8	10.6	12.7
2009	9.0	9.0	2.6	5.2	4.3	9.2	11.1	10.9
Non-Hispanic White								
1999	8.8	8.8	18.9	15.1	16.1	14.4	7.5	7.3
2000	7.4	7.4	19.3	19.7	19.6	12.4	6.1	5.7
2001	6.0	6.0	11.2	16.7	15.1	12.8	4.7	4.5
2002	6.1	6.1	16.9	16.0	16.2	12.1	5.1	4.5
2003	5.1	5.1	2.9	12.5	10.1	12.1	4.0	4.3
2004	4.6	4.7	10.9	11.5	11.4	11.6	4.0	3.1
2005	3.6	3.6	13.6	7.4	9.1	9.9	2.9	2.5
2006	3.1	3.1	15.6	9.7	11.2	8.9	2.3	2.1
2007	2.6	2.6	8.6	9.2	9.0	7.5	2.0	1.9
2008	2.3	2.3	17.9	10.5	12.7	6.0	2.2	0.9
2009	2.0	2.0	8.0	8.5	8.3	7.2	1.6	1.1

Table 27. Births by trimester prenatal care initiated, age and race-ethnicity of mother, Chicago, 2009

Trimester prenatal care initiated and race-ethnicity of mother	Age of mother (years)									
	All ages	15-44	15-19					20-24	25-34	35-44
			Total	15-17	18-19					
All race-ethnicities										
First	34,016	33,920	3,476	1,059	2,417	7,122	17,528	5,794		
Second	5,059	5,027	1,165	473	692	1,444	1,885	533		
Third	762	753	139	63	76	233	304	77		
No prenatal care	511	506	123	48	75	168	153	62		
Hispanic										
First	12,300	12,276	1,418	468	950	3,121	6,117	1,620		
Second	1,678	1,670	314	128	186	479	679	198		
Third	230	228	40	23	17	64	96	28		
No prenatal care	72	70	14	7	7	27	20	9		
Non-Hispanic Asian										
First	1,854	1,850	17	--	--	141	1,212	480		
Second	193	193	7	--	--	25	117	44		
Third	64	63	1	0	1	17	41	4		
No prenatal care	6	6	1	--	--	3	1	1		
Non-Hispanic Black										
First	10,265	10,244	1,906	557	1,349	3,249	4,081	1,008		
Second	2,552	2,532	807	332	475	830	725	170		
Third	350	345	91	35	56	133	94	27		
No prenatal care	404	401	105	39	66	134	116	46		
Non-Hispanic White										
First	9,403	9,360	127	29	98	595	6,004	2,634		
Second	614	610	35	9	26	106	353	116		
Third	116	115	7	5	2	19	71	18		
No prenatal care	24	24	2	1	1	4	14	4		

Table 28. Percent of births by trimester prenatal care initiated, age and race-ethnicity of mother, Chicago, 2009*

Trimester prenatal care initiated and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
First	84.3	84.4	70.9	64.5	74.1	79.4	88.2	89.6
Second	12.5	12.5	23.8	28.8	21.2	16.1	9.5	8.2
Third	1.9	1.9	2.8	3.8	2.3	2.6	1.5	1.2
No prenatal care	1.3	1.3	2.5	2.9	2.3	1.9	0.8	1.0
Hispanic								
First	86.1	86.2	79.4	74.8	81.9	84.6	88.5	87.3
Second	11.8	11.7	17.6	20.4	16.0	13.0	9.8	10.7
Third	1.6	1.6	2.2	3.7	1.5	1.7	1.4	1.5
No prenatal care	0.5	0.5	0.8	1.1	0.6	0.7	0.3	0.5
Non-Hispanic Asian								
First	87.6	87.6	65.4	--	--	75.8	88.4	90.7
Second	9.1	9.1	26.9	--	--	13.4	8.5	8.3
Third	3.0	3.0	3.8	0.0	5.0	9.1	3.0	0.8
No prenatal care	0.3	0.3	3.8	--	--	1.6	0.1	0.2
Non-Hispanic Black								
First	75.6	75.8	65.5	57.8	69.3	74.8	81.4	80.6
Second	18.8	18.7	27.7	34.5	24.4	19.1	14.5	13.6
Third	2.6	2.6	3.1	3.6	2.9	3.1	1.9	2.2
No prenatal care	3.0	3.0	3.6	4.0	3.4	3.1	2.3	3.7
Non-Hispanic White								
First	92.6	92.6	74.3	65.9	77.2	82.2	93.2	95.0
Second	6.0	6.0	20.5	20.5	20.5	14.6	5.5	4.2
Third	1.1	1.1	4.1	11.4	1.6	2.6	1.1	0.6
No prenatal care	0.2	0.2	1.2	2.3	0.8	0.6	0.2	0.1

*Births for which trimester care began was not reported on the birth certificate were excluded from the calculation of percentages.

Table 29. Births by trimester prenatal care initiated, gestational age and race-ethnicity of mother, Chicago, 2009

Trimester prenatal care initiated and race-ethnicity of mother	Period of gestation (weeks)										
	Preterm					Term				Postterm	
	Total < 32	< 28	28-31	32-33	34-36	Total < 37	37-41	Early 37-38	Full 39 40-41		≥ 42
All race-ethnicities											
First	679	308	371	338	2,310	3,327	30,638	8,268	10,780	11,483	115
Second	106	38	68	87	383	576	4,469	1,291	1,439	1,721	22
Third	4	1	3	10	68	82	676	189	214	267	6
No prenatal care	50	30	20	21	86	157	339	115	103	116	5
Hispanic											
First	180	77	103	94	721	995	11,292	3,047	3,813	4,407	27
Second	25	11	14	22	100	147	1,524	426	489	606	4
Third	2	1	1	1	19	22	207	52	74	80	1
No prenatal care	6	4	2	4	8	18	51	22	17	12	0
Non-Hispanic Asian											
First	--	--	--	--	109	141	1,709	525	635	545	--
Second	--	--	--	--	14	17	176	46	70	59	--
Third	--	--	--	--	4	5	59	25	16	17	--
No prenatal care	--	--	--	--	1	1	5	3	1	1	--
Non-Hispanic Black											
First	355	174	181	162	882	1,399	8,843	2,646	3,010	3,160	32
Second	74	25	49	57	221	352	2,194	658	694	833	12
Third	1	0	1	6	34	41	307	83	99	123	2
No prenatal care	42	25	17	16	71	129	265	85	79	96	5
Non-Hispanic White											
First	114	42	72	70	582	766	8,626	1,992	3,268	3,317	50
Second	7	2	5	5	44	56	557	154	182	216	5
Third	1	0	1	2	11	14	101	29	24	46	2
No prenatal care	2	1	1	1	6	9	15	2	6	7	0

Table 30. Percent of births by trimester prenatal care initiated, gestational age and race-ethnicity of mother, Chicago, 2009*

Trimester prenatal care initiated and race-ethnicity of mother	Period of gestation (weeks)										
	Preterm					Term				Postterm	
	Total < 32	< 28	28-31	32-33	34-36	Total < 37	37-41	Early 37-38	Full 39	40-41	≥ 42
All race-ethnicities											
First	80.9	81.7	80.3	74.1	81.1	80.3	84.8	83.8	86.0	84.5	77.7
Second	12.6	10.1	14.7	19.1	13.5	13.9	12.4	13.1	11.5	12.7	14.9
Third	0.5	0.3	0.6	2.2	2.4	2.0	1.9	1.9	1.7	2.0	4.1
No prenatal care	6.0	8.0	4.3	4.6	3.0	3.8	0.9	1.2	0.8	0.9	3.4
Hispanic											
First	84.5	82.8	85.8	77.7	85.0	84.2	86.4	85.9	86.8	86.3	84.4
Second	11.7	11.8	11.7	18.2	11.8	12.4	11.7	12.0	11.1	11.9	12.5
Third	0.9	1.1	0.8	0.8	2.2	1.9	1.6	1.5	1.7	1.6	3.1
No prenatal care	2.8	4.3	1.7	3.3	0.9	1.5	0.4	0.6	0.4	0.2	0.0
Non-Hispanic Asian											
First	--	--	--	--	85.2	86.0	87.7	87.6	88.0	87.6	--
Second	--	--	--	--	10.9	10.4	9.0	7.7	9.7	9.5	--
Third	--	--	--	--	3.1	3.0	3.0	4.2	2.2	2.7	--
No prenatal care	--	--	--	--	0.8	0.6	0.3	0.5	0.1	0.2	--
Non-Hispanic Black											
First	75.2	77.7	73.0	67.2	73.0	72.8	76.2	76.2	77.5	75.0	62.7
Second	15.7	11.2	19.8	23.7	18.3	18.3	18.9	19.0	17.9	19.8	23.5
Third	0.2	0.0	0.4	2.5	2.8	2.1	2.6	2.4	2.6	2.9	3.9
No prenatal care	8.9	11.2	6.9	6.6	5.9	6.7	2.3	2.4	2.0	2.3	9.8
Non-Hispanic White											
First	91.9	93.3	91.1	89.7	90.5	90.7	92.8	91.5	93.9	92.5	87.7
Second	5.6	4.4	6.3	6.4	6.8	6.6	6.0	7.1	5.2	6.0	8.8
Third	0.8	0.0	1.3	2.6	1.7	1.7	1.1	1.3	0.7	1.3	3.5
No prenatal care	1.6	2.2	1.3	1.3	0.9	1.1	0.2	0.1	0.2	0.2	0.0

*Births for which trimester care began was not reported on the birth certificate were excluded from the calculation of percentages.

Table 31. Births with prenatal care initiated in the first trimester by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	35,972	35,826	5,042	1,760	3,282	9,162	17,190	4,432
2000	36,974	36,855	4,873	1,788	3,085	9,581	17,727	4,674
2001	37,436	37,296	4,836	1,701	3,135	9,563	17,883	5,014
2002	37,010	36,875	4,453	1,576	2,877	9,410	17,929	5,083
2003	36,511	36,398	4,185	1,469	2,716	9,019	17,895	5,299
2004	34,820	34,697	3,968	1,406	2,562	8,353	17,229	5,147
2005	35,204	35,093	3,964	1,473	2,491	8,241	17,630	5,258
2006	36,439	36,302	4,298	1,559	2,739	8,659	17,750	5,595
2007	35,908	35,776	4,305	1,502	2,803	8,120	17,851	5,500
2008	34,622	34,529	3,998	1,342	2,656	7,738	17,319	5,474
2009	34,016	33,920	3,476	1,059	2,417	7,122	17,528	5,794
Hispanic								
1999	12,399	12,360	1,737	604	1,133	3,756	5,681	1,186
2000	13,198	13,162	1,789	611	1,178	4,043	6,120	1,210
2001	14,228	14,199	1,937	636	1,301	4,215	6,673	1,374
2002	14,155	14,114	1,816	636	1,180	4,214	6,693	1,391
2003	14,296	14,262	1,758	583	1,175	4,167	6,873	1,464
2004	13,489	13,449	1,709	599	1,110	3,804	6,510	1,426
2005	13,798	13,758	1,698	645	1,053	3,824	6,719	1,517
2006	14,369	14,334	1,792	629	1,163	4,078	6,811	1,653
2007	13,975	13,931	1,804	641	1,163	3,727	6,748	1,652
2008	13,270	13,243	1,614	573	1,041	3,566	6,463	1,600
2009	12,300	12,276	1,418	468	950	3,121	6,117	1,620
Non-Hispanic Asian								
1999	1,521	1,519	29	7	22	196	1,068	226
2000	1,524	1,523	31	--	--	194	1,040	258
2001	1,412	1,410	24	4	20	178	962	246
2002	1,505	1,503	14	--	--	178	1,015	296
2003	1,528	1,525	22	6	16	169	1,029	305
2004	1,506	1,505	24	5	19	145	1,037	299
2005	1,571	1,568	18	--	--	146	1,066	338
2006	1,722	1,717	23	4	19	151	1,137	406
2007	1,777	1,772	19	--	--	173	1,149	431
2008	1,708	1,706	17	--	--	135	1,115	439
2009	1,854	1,850	17	--	--	141	1,212	480
Non-Hispanic Black								
1999	13,381	13,301	2,997	1,078	1,919	4,166	5,029	1,109
2000	13,333	13,269	2,775	1,096	1,679	4,270	5,063	1,161
2001	13,150	13,076	2,652	998	1,654	4,295	4,895	1,234
2002	12,314	12,244	2,387	883	1,504	4,065	4,666	1,126
2003	11,885	11,827	2,205	834	1,371	3,930	4,532	1,160
2004	11,179	11,129	2,060	767	1,293	3,672	4,358	1,039
2005	11,091	11,046	2,095	781	1,314	3,547	4,418	986
2006	11,655	11,594	2,304	887	1,417	3,717	4,522	1,051
2007	11,437	11,390	2,339	827	1,512	3,545	4,442	1,064
2008	10,978	10,939	2,230	728	1,502	3,414	4,273	1,022
2009	10,265	10,244	1,906	557	1,349	3,249	4,081	1,008
Non-Hispanic White								
1999	8,622	8,597	273	69	204	1,031	5,385	1,908
2000	8,858	8,840	271	70	201	1,058	5,474	2,037
2001	8,592	8,557	220	61	159	863	5,329	2,145
2002	8,982	8,960	231	53	178	944	5,526	2,259
2003	8,735	8,717	192	42	150	734	5,432	2,359
2004	8,568	8,536	168	34	134	715	5,284	2,369
2005	8,669	8,648	149	37	112	712	5,382	2,405
2006	8,616	8,581	171	37	134	700	5,242	2,468
2007	8,614	8,579	140	33	107	657	5,458	2,324
2008	8,511	8,489	132	32	100	598	5,390	2,369
2009	9,403	9,360	127	29	98	595	6,004	2,634

Table 32. Percent of births with prenatal care initiated in the first trimester by age and race-ethnicity of mother, Chicago, 1999-2009*

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	74.2	74.4	62.1	57.0	65.2	70.1	80.0	80.8
2000	74.6	74.8	62.7	58.7	65.2	71.0	79.8	80.8
2001	78.4	78.5	66.9	62.3	69.6	74.1	83.4	84.4
2002	80.2	80.3	68.2	63.4	71.2	76.6	84.5	86.3
2003	81.0	81.1	69.7	65.0	72.4	76.4	85.7	85.8
2004	81.6	81.8	68.3	63.5	71.2	77.2	86.6	86.9
2005	83.3	83.4	71.4	67.3	74.0	78.9	87.7	88.1
2006	84.6	84.7	72.8	68.8	75.3	81.1	88.4	89.9
2007	84.6	84.7	73.7	69.1	76.4	79.9	88.8	89.4
2008	84.6	84.7	74.1	70.0	76.4	80.7	88.3	89.0
2009	84.3	84.4	70.9	64.5	74.1	79.4	88.2	89.6
Hispanic								
1999	72.5	72.6	62.6	56.8	66.2	69.3	77.6	78.6
2000	72.6	72.7	62.2	59.5	63.7	70.7	77.0	77.0
2001	79.0	79.0	70.6	66.9	72.5	76.4	82.8	83.5
2002	80.0	80.1	70.7	67.2	72.7	78.3	83.2	85.3
2003	82.3	82.4	75.6	72.2	77.4	79.9	85.4	85.2
2004	82.9	82.9	74.0	70.0	76.4	80.5	86.8	85.1
2005	84.9	85.0	77.5	76.2	78.2	82.5	87.9	88.9
2006	86.3	86.4	78.7	75.3	80.7	84.5	89.0	90.1
2007	86.7	86.7	80.1	75.6	82.9	83.8	89.8	89.6
2008	86.8	86.8	78.4	77.5	78.9	85.4	89.7	88.1
2009	86.1	86.2	79.4	74.8	81.9	84.6	88.5	87.3
Non-Hispanic Asian								
1999	78.4	78.4	50.9	36.8	57.9	69.5	81.2	80.1
2000	75.3	75.3	55.4	--	--	65.3	77.5	78.7
2001	78.1	78.2	46.2	40.0	47.6	66.9	80.6	84.8
2002	81.9	82.0	50.0	--	--	75.7	82.6	86.8
2003	83.5	83.5	62.9	54.5	66.7	71.0	85.6	86.6
2004	87.3	87.3	70.6	50.0	79.2	79.2	88.6	88.7
2005	88.0	87.9	75.0	--	--	79.3	88.4	91.6
2006	88.4	88.4	62.2	44.4	67.9	76.6	88.9	94.4
2007	89.2	89.2	70.4	--	--	84.8	89.4	91.5
2008	85.7	85.7	68.0	--	--	72.6	86.4	89.8
2009	87.6	87.6	65.4	--	--	75.8	88.4	90.7
Non-Hispanic Black								
1999	69.3	69.5	62.1	57.3	65.1	69.7	74.4	70.7
2000	70.4	70.7	62.8	58.1	66.2	70.3	75.9	72.3
2001	72.6	72.8	64.7	59.7	68.2	72.1	78.0	75.2
2002	74.1	74.4	66.2	60.9	69.8	74.2	78.9	76.7
2003	73.7	73.9	65.4	60.6	68.7	73.1	79.3	74.9
2004	73.6	73.8	64.0	59.5	66.9	73.5	79.5	75.2
2005	75.5	75.7	67.2	61.4	71.1	75.1	81.5	74.7
2006	77.5	77.7	68.9	65.2	71.5	78.0	82.4	79.3
2007	77.0	77.1	69.6	65.2	72.2	76.0	82.4	78.8
2008	77.5	77.7	71.2	65.2	74.6	76.5	82.2	79.0
2009	75.6	75.8	65.5	57.8	69.3	74.8	81.4	80.6
Non-Hispanic White								
1999	86.0	86.1	60.5	57.0	61.8	74.9	89.1	90.2
2000	85.9	85.9	65.8	59.8	68.1	76.0	88.1	89.7
2001	88.1	88.1	65.9	64.9	66.3	74.8	90.6	91.5
2002	90.2	90.3	73.6	68.8	75.1	80.4	92.1	92.8
2003	90.4	90.4	73.3	70.0	74.3	76.9	92.4	92.8
2004	91.5	91.5	70.3	60.7	73.2	80.6	92.8	94.2
2005	91.8	91.8	71.0	66.1	72.7	80.6	93.3	94.1
2006	92.1	92.1	73.7	64.9	76.6	80.6	93.5	94.6
2007	92.1	92.1	71.8	63.5	74.8	80.4	93.4	94.6
2008	91.9	91.8	75.9	64.0	80.6	81.3	92.5	94.5
2009	92.6	92.6	74.3	65.9	77.2	82.2	93.2	95.0

*Births for which trimester care began was not reported on the birth certificate were excluded from the calculation of percentages.

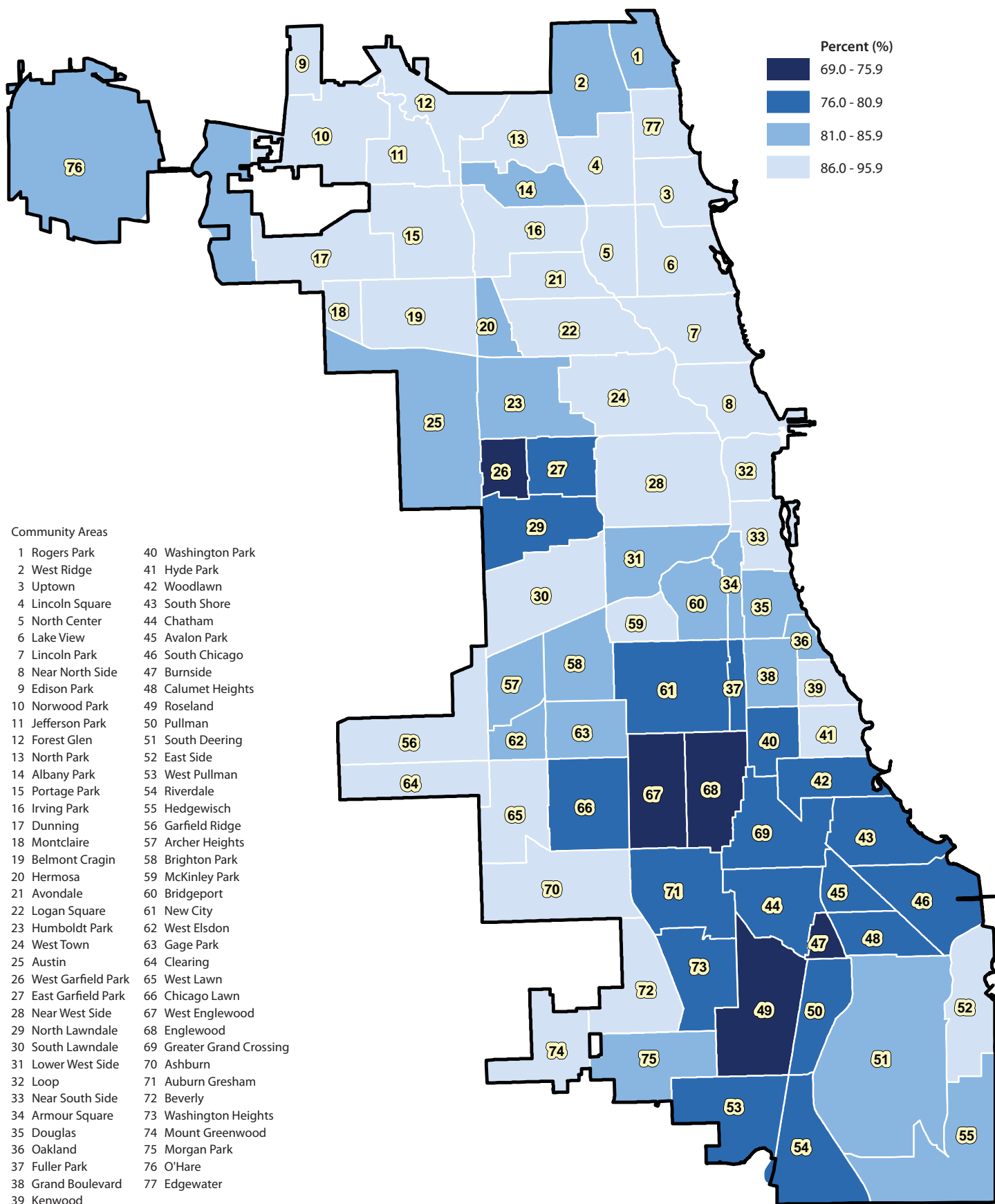
Table 33. Average annual births and percent of births with prenatal care initiated in the first trimester by community area of residence of mother, Chicago, 2005-2009*

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	619	81.3 (80.1, 82.5)	40 Washington Park	183	76.4 (74.0, 78.8)
2 West Ridge	845	82.8 (81.8, 83.8)	41 Hyde Park	226	89.3 (87.6, 91.0)
3 Uptown	594	90.5 (89.5, 91.5)	42 Woodlawn	303	78.0 (76.2, 79.8)
4 Lincoln Square	487	90.2 (89.1, 91.3)	43 South Shore	638	77.8 (76.5, 79.1)
5 North Center	538	94.6 (93.8, 95.4)	44 Chatham	342	77.5 (75.8, 79.2)
6 Lake View	936	95.4 (94.8, 96.0)	45 Avalon Park	92	77.7 (74.4, 81.0)
7 Lincoln Park	641	95.2 (94.5, 95.9)	46 South Chicago	452	77.9 (76.4, 79.4)
8 Near North Side	577	90.2 (89.2, 91.2)	47 Burnside	32	71.4 (65.5, 77.3)
9 Edison Park	114	94.1 (92.2, 96.0)	48 Calumet Heights	121	78.9 (76.0, 81.8)
10 Norwood Park	347	90.2 (88.9, 91.5)	49 Roseland	504	75.1 (73.6, 76.6)
11 Jefferson Park	272	88.5 (86.9, 90.1)	50 Pullman	91	80.0 (76.7, 83.3)
12 Forest Glen	166	91.3 (89.5, 93.1)	51 South Deering	186	82.0 (79.8, 84.2)
13 North Park	160	86.4 (84.2, 88.6)	52 East Side	350	86.4 (84.9, 87.9)
14 Albany Park	712	83.7 (82.6, 84.8)	53 West Pullman	411	76.5 (74.9, 78.1)
15 Portage Park	740	86.9 (85.9, 87.9)	54 Riverdale	69	77.8 (73.9, 81.7)
16 Irving Park	706	88.4 (87.4, 89.4)	55 Hegewisch	83	83.2 (79.9, 86.5)
17 Dunning	392	86.2 (84.8, 87.6)	56 Garfield Ridge	404	86.7 (85.3, 88.1)
18 Montclair	177	86.5 (84.4, 88.6)	57 Archer Heights	217	85.7 (83.8, 87.6)
19 Belmont Cragin	1,275	86.3 (85.5, 87.1)	58 Brighton Park	843	85.6 (84.6, 86.6)
20 Hermosa	416	85.7 (84.3, 87.1)	59 McKinley Park	227	86.6 (84.8, 88.4)
21 Avondale	601	88.0 (86.9, 89.1)	60 Bridgeport	340	84.8 (83.2, 86.4)
22 Logan Square	1,063	88.8 (88.0, 89.6)	61 New City	831	80.3 (79.2, 81.4)
23 Humboldt park	917	81.5 (80.5, 82.5)	62 West Elsdon	283	85.6 (83.9, 87.3)
24 West Town	1,128	90.2 (89.5, 90.9)	63 Gage Park	800	85.5 (84.5, 86.5)
25 Austin	1,420	81.2 (80.4, 82.0)	64 Clearing	276	89.7 (88.2, 91.2)
26 West Garfield Park	279	74.3 (72.3, 76.3)	65 West Lawn	532	86.7 (85.5, 87.9)
27 East Garfield Park	296	77.3 (75.4, 79.2)	66 Chicago Lawn	963	80.1 (79.1, 81.1)
28 Near West Side	655	86.8 (85.7, 87.9)	67 West Englewood	527	69.1 (67.6, 70.6)
29 North Lawndale	573	78.6 (77.3, 79.9)	68 Englewood	465	71.6 (70.0, 73.2)
30 South Lawndale	1,459	87.8 (87.1, 88.5)	69 Greater Grand Crossing	437	77.0 (75.5, 78.5)
31 Lower West Side	577	84.6 (83.4, 85.8)	70 Ashburn	511	86.6 (85.4, 87.8)
32 Loop	166	95.1 (93.7, 96.5)	71 Auburn Gresham	567	76.0 (74.6, 77.4)
33 Near South Side	266	90.7 (89.2, 92.2)	72 Beverly	211	92.7 (91.2, 94.2)
34 Armour Square	113	85.2 (82.5, 87.9)	73 Washington Heights	268	77.3 (75.3, 79.3)
35 Douglas	170	81.4 (79.0, 83.8)	74 Mount Greenwood	228	95.4 (94.2, 96.6)
36 Oakland	78	83.5 (80.1, 86.9)	75 Morgan Park	239	82.0 (80.0, 84.0)
37 Fuller Park	33	78.7 (73.2, 84.2)	76 O'Hare	156	85.1 (82.8, 87.4)
38 Grand Boulevard	244	82.8 (80.9, 84.7)	77 Edgewater	520	88.7 (87.6, 89.8)
39 Kenwood	182	87.5 (85.5, 89.5)	Chicago	35,238	84.3 (84.1, 84.5)

*Births for which trimester care began was not reported on the birth certificate were excluded from the calculation of percentages.

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Figure 7. Average annual percent of births with prenatal care initiated in the first trimester by community area of residence of mother, Chicago, 2005-2009*



*Births for which trimester care began was not reported on the birth certificate were excluded from the calculation of percentages.

Table 34. Births by adequacy of prenatal care utilization,* age and race-ethnicity of mother, Chicago, 2009

Prenatal care utilization and race-ethnicity of mother	Age of mother (years)									
	All ages	15-44	15-19					20-24	25-34	35-44
			Total	15-17	18-19					
All race-ethnicities										
Inadequate	4,408	4,369	1,021	423	598	1,323	1,567	458		
Intermediate	5,339	5,329	727	227	500	1,285	2,542	775		
Adequate	16,500	16,461	1,662	508	1,154	3,393	8,728	2,678		
Adequate plus	13,445	13,397	1,419	459	960	2,837	6,726	2,415		
Hispanic										
Inadequate	1,190	1,179	240	115	125	353	451	135		
Intermediate	1,869	1,866	275	85	190	526	875	190		
Adequate	6,336	6,327	755	259	496	1,668	3,126	778		
Adequate plus	4,670	4,658	492	162	330	1,083	2,366	717		
Non-Hispanic Asian										
Inadequate	174	173	6	--	--	30	109	28		
Intermediate	239	239	2	--	--	22	152	63		
Adequate	918	918	7	--	--	64	626	221		
Adequate plus	754	752	11	--	--	64	466	211		
Non-Hispanic Black										
Inadequate	2,516	2,494	743	296	447	851	709	191		
Intermediate	1,800	1,795	426	136	290	599	621	149		
Adequate	4,294	4,282	831	234	597	1,390	1,714	347		
Adequate plus	4,792	4,782	869	280	589	1,462	1,912	539		
Non-Hispanic White										
Inadequate	500	495	30	10	20	85	283	97		
Intermediate	1,413	1,411	23	4	19	136	883	369		
Adequate	4,853	4,835	64	13	51	262	3,209	1,300		
Adequate plus	3,159	3,137	47	15	32	223	1,934	933		

*As determined by the Adequacy of Prenatal Care Utilization Index. Inadequate: Prenatal care began after the 4th month of pregnancy or mother received less than 50% of recommended prenatal care visits; Intermediate: Prenatal care began by the 4th month of pregnancy and mother received 50-79% of recommended prenatal care visits; Adequate: Prenatal care began by the 4th month of pregnancy and mother received 80-109% of recommended prenatal care visits; Adequate Plus: Prenatal care began by the 4th month of pregnancy and mother received 100% or more of recommended prenatal care visits.

Table 35. Percent of births by adequacy of prenatal care utilization,* age and race-ethnicity of mother, Chicago, 2009

Adequacy of Prenatal Care Utilization Index and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Inadequate	11.1	11.0	21.1	26.2	18.6	15.0	8.0	7.2
Intermediate	13.5	13.5	15.1	14.0	15.6	14.5	13.0	12.3
Adequate	41.6	41.6	34.4	31.4	35.9	38.4	44.6	42.3
Adequate plus	33.9	33.9	29.4	28.4	29.9	32.1	34.4	38.2
Hispanic								
Inadequate	8.5	8.4	13.6	18.5	11.0	9.7	6.6	7.4
Intermediate	13.3	13.3	15.6	13.7	16.7	14.5	12.8	10.4
Adequate	45.0	45.1	42.8	41.7	43.5	46.0	45.8	42.7
Adequate plus	33.2	33.2	27.9	26.1	28.9	29.8	34.7	39.4
Non-Hispanic Asian								
Inadequate	8.3	8.3	23.1	--	--	16.7	8.1	5.4
Intermediate	11.5	11.5	7.7	--	--	12.2	11.2	12.0
Adequate	44.0	44.1	26.9	--	--	35.6	46.3	42.3
Adequate plus	36.2	36.1	42.3	--	--	35.6	34.4	40.3
Non-Hispanic Black								
Inadequate	18.8	18.7	25.9	31.3	23.2	19.8	14.3	15.6
Intermediate	13.4	13.4	14.8	14.4	15.1	13.9	12.5	12.2
Adequate	32.0	32.1	29.0	24.7	31.0	32.3	34.6	28.3
Adequate plus	35.8	35.8	30.3	29.6	30.6	34.0	38.6	44.0
Non-Hispanic White								
Inadequate	5.0	5.0	18.3	23.8	16.4	12.0	4.5	3.6
Intermediate	14.2	14.3	14.0	9.5	15.6	19.3	14.0	13.7
Adequate	48.9	48.9	39.0	31.0	41.8	37.1	50.9	48.2
Adequate plus	31.8	31.8	28.7	35.7	26.2	31.6	30.7	34.6

*As determined by the Adequacy of Prenatal Care Utilization Index. Inadequate: Prenatal care began after the 4th month of pregnancy or mother received less than 50% of recommended prenatal care visits; Intermediate: Prenatal care began by the 4th month of pregnancy and mother received 50-79% of recommended prenatal care visits; Adequate: Prenatal care began by the 4th month of pregnancy and mother received 80-109% of recommended prenatal care visits; Adequate Plus: Prenatal care began by the 4th month of pregnancy and mother received 100% or more of recommended prenatal care visits. Births for which month prenatal care began or number of visits to doctor was not reported on the birth certificate were excluded from the calculation of percentages.

Table 36. Births by adequacy of prenatal care utilization,* gestational age and race-ethnicity of mother, Chicago, 2009

Adequacy of Prenatal Care Utilization Index and race-ethnicity of mother	Period of gestation (weeks)										
	Total < 32	Preterm					Total < 37	Term			Postterm ≥ 42
		< 28	28-31	32-33	34-36	37-41		Early 37-38	Full 39 40-41		
All race-ethnicities											
Inadequate	120	53	67	88	384	592	3,789	1,056	1,207	1,497	34
Intermediate	44	24	20	29	139	212	5,122	736	1,589	2,773	26
Adequate	101	58	43	53	370	524	15,966	3,387	5,557	6,957	68
Adequate plus	552	233	319	277	1,890	2,719	10,690	4,521	3,970	2,183	18
Hispanic											
Inadequate	21	10	11	17	77	115	1,068	295	362	408	4
Intermediate	9	6	3	8	32	49	1,819	235	524	1,057	3
Adequate	23	11	12	14	117	154	6,179	1,308	2,024	2,830	18
Adequate plus	151	62	89	77	604	832	3,825	1,653	1,420	746	7
Non-Hispanic Asian											
Inadequate	--	--	--	--	7	11	163	55	55	52	--
Intermediate	--	--	--	--	5	7	232	46	81	104	--
Adequate	--	--	--	--	22	25	892	217	336	335	--
Adequate plus	--	--	--	--	89	116	635	269	238	128	--
Non-Hispanic Black											
Inadequate	90	41	49	62	259	411	2,088	589	659	821	23
Intermediate	29	15	14	19	75	123	1,675	317	493	861	5
Adequate	66	39	27	25	136	227	4,065	948	1,342	1,760	17
Adequate plus	281	127	154	134	716	1,131	3,645	1,572	1,338	731	5
Non-Hispanic White											
Inadequate	8	2	6	6	39	53	446	107	126	207	6
Intermediate	5	3	2	1	25	31	1,380	133	488	743	17
Adequate	10	6	4	13	92	115	4,734	892	1,818	1,997	27
Adequate plus	94	31	63	55	471	620	2,535	996	961	572	6

*As determined by the Adequacy of Prenatal Care Utilization Index. Inadequate: Prenatal care began after the 4th month of pregnancy or mother received less than 50% of recommended prenatal care visits; Intermediate: Prenatal care began by the 4th month of pregnancy and mother received 50-79% of recommended prenatal care visits; Adequate: Prenatal care began by the 4th month of pregnancy and mother received 80-109% of recommended prenatal care visits; Adequate Plus: Prenatal care began by the 4th month of pregnancy and mother received 100% or more of recommended prenatal care visits.

Table 37. Percent of births by adequacy of prenatal care utilization,* gestational age and race-ethnicity of mother, Chicago, 2009

Adequacy of Prenatal Care Utilization Index and race-ethnicity of mother	Period of gestation (weeks)										
	Preterm					Term				Postterm	
	Total < 32	< 28	28-31	32-33	34-36	Total < 37	37-41	Early 37-38	Full 39	40-41	≥ 42
All race-ethnicities											
Inadequate	14.7	14.4	14.9	19.7	13.8	14.6	10.7	10.9	9.8	11.2	23.3
Intermediate	5.4	6.5	4.5	6.5	5.0	5.2	14.4	7.6	12.9	20.7	17.8
Adequate	12.4	15.8	9.6	11.9	13.3	12.9	44.9	34.9	45.1	51.9	46.6
Adequate plus	67.6	63.3	71.0	62.0	67.9	67.2	30.1	46.6	32.2	16.3	12.3
Hispanic											
Inadequate	10.3	11.2	9.6	14.7	9.3	10.0	8.3	8.5	8.4	8.1	12.5
Intermediate	4.4	6.7	2.6	6.9	3.9	4.3	14.1	6.7	12.1	21.0	9.4
Adequate	11.3	12.4	10.4	12.1	14.1	13.4	47.9	37.5	46.7	56.1	56.3
Adequate plus	74.0	69.7	77.4	66.4	72.8	72.3	29.7	47.4	32.8	14.8	21.9
Non-Hispanic Asian											
Inadequate	--	--	--	--	5.7	6.9	8.5	9.4	7.7	8.4	--
Intermediate	--	--	--	--	4.1	4.4	12.1	7.8	11.4	16.8	--
Adequate	--	--	--	--	17.9	15.7	46.4	37.0	47.3	54.1	--
Adequate plus	--	--	--	--	72.4	73.0	33.0	45.8	33.5	20.7	--
Non-Hispanic Black											
Inadequate	19.3	18.5	20.1	25.8	21.8	21.7	18.2	17.2	17.2	19.7	46.0
Intermediate	6.2	6.8	5.7	7.9	6.3	6.5	14.6	9.3	12.9	20.6	10.0
Adequate	14.2	17.6	11.1	10.4	11.5	12.0	35.4	27.7	35.0	42.2	34.0
Adequate plus	60.3	57.2	63.1	55.8	60.4	59.8	31.8	45.9	34.9	17.5	10.0
Non-Hispanic White											
Inadequate	6.8	4.8	8.0	8.0	6.2	6.5	4.9	5.0	3.7	5.9	10.7
Intermediate	4.3	7.1	2.7	1.3	4.0	3.8	15.2	6.3	14.4	21.1	30.4
Adequate	8.5	14.3	5.3	17.3	14.7	14.0	52.1	41.9	53.6	56.7	48.2
Adequate plus	80.3	73.8	84.0	73.3	75.1	75.7	27.9	46.8	28.3	16.3	10.7

*As determined by the Adequacy of Prenatal Care Utilization Index. Inadequate: Prenatal care began after the 4th month of pregnancy or mother received less than 50% of recommended prenatal care visits; Intermediate: Prenatal care began by the 4th month of pregnancy and mother received 50-79% of recommended prenatal care visits; Adequate: Prenatal care began by the 4th month of pregnancy and mother received 80-109% of recommended prenatal care visits; Adequate Plus: Prenatal care began by the 4th month of pregnancy and mother received 100% or more of recommended prenatal care visits. Births for which month prenatal care began or number of visits to doctor was not reported on the birth certificate were excluded from the calculation of percentages.

Table 38. Births to women receiving at least adequate prenatal care* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	30,578	30,445	4,346	1,555	2,791	7,622	14,618	3,859
2000	31,731	31,616	4,235	1,598	2,637	8,196	15,159	4,026
2001	31,654	31,544	4,120	1,494	2,626	8,124	15,056	4,244
2002	30,492	30,371	3,664	1,320	2,344	7,664	14,823	4,220
2003	30,093	29,998	3,488	1,231	2,257	7,355	14,719	4,436
2004	29,153	29,045	3,256	1,162	2,094	6,754	14,572	4,463
2005	30,164	30,067	3,339	1,270	2,069	6,870	15,259	4,599
2006	31,541	31,422	3,696	1,355	2,341	7,420	15,403	4,903
2007	31,349	31,230	3,720	1,342	2,378	7,049	15,546	4,915
2008	30,699	30,611	3,581	1,226	2,355	6,739	15,354	4,937
2009	29,945	29,858	3,081	967	2,114	6,230	15,454	5,093
Hispanic								
1999	9,956	9,922	1,396	501	895	3,003	4,540	983
2000	11,236	11,204	1,542	541	1,001	3,422	5,184	1,056
2001	12,044	12,021	1,638	562	1,076	3,540	5,642	1,201
2002	11,309	11,274	1,453	527	926	3,333	5,369	1,119
2003	11,435	11,415	1,398	469	929	3,306	5,494	1,217
2004	10,872	10,834	1,362	470	892	3,027	5,266	1,179
2005	11,568	11,533	1,419	543	876	3,181	5,667	1,266
2006	12,367	12,337	1,544	553	991	3,503	5,834	1,456
2007	12,229	12,191	1,546	570	976	3,254	5,907	1,484
2008	11,791	11,765	1,466	520	946	3,108	5,730	1,461
2009	11,006	10,985	1,247	421	826	2,751	5,492	1,495
Non-Hispanic Asian								
1999	1,240	1,238	25	6	19	161	872	180
2000	1,261	1,260	31	6	25	162	861	206
2001	1,178	1,175	23	2	21	162	799	191
2002	1,211	1,208	12	--	--	136	823	237
2003	1,254	1,251	17	--	--	146	835	253
2004	1,313	1,312	19	7	12	126	897	270
2005	1,367	1,365	12	4	8	117	942	294
2006	1,487	1,482	20	--	--	137	983	342
2007	1,540	1,536	19	--	--	136	1,004	377
2008	1,526	1,525	13	--	--	121	996	395
2009	1,672	1,670	18	--	--	128	1,092	432
Non-Hispanic Black								
1999	11,798	11,725	2,684	984	1,700	3,562	4,473	1,006
2000	11,641	11,576	2,423	986	1,437	3,695	4,440	1,018
2001	11,280	11,223	2,261	875	1,386	3,685	4,200	1,077
2002	10,498	10,437	2,001	749	1,252	3,424	4,019	993
2003	10,165	10,110	1,906	714	1,192	3,294	3,905	1,005
2004	9,391	9,348	1,723	655	1,068	3,017	3,703	905
2005	9,422	9,385	1,776	690	1,086	2,941	3,799	869
2006	10,130	10,079	1,982	761	1,221	3,189	3,966	942
2007	9,979	9,933	2,040	749	1,291	3,071	3,848	974
2008	9,795	9,754	1,987	671	1,316	2,989	3,839	939
2009	9,086	9,064	1,700	514	1,186	2,852	3,626	886
Non-Hispanic White								
1999	7,544	7,520	236	61	175	885	4,712	1,687
2000	7,538	7,521	233	63	170	900	4,649	1,739
2001	7,111	7,084	196	53	143	727	4,398	1,763
2002	7,432	7,410	193	41	152	766	4,590	1,861
2003	7,184	7,167	162	38	124	600	4,454	1,951
2004	7,525	7,499	148	30	118	575	4,675	2,101
2005	7,748	7,727	129	32	97	621	4,816	2,161
2006	7,494	7,462	144	35	109	581	4,589	2,148
2007	7,510	7,481	113	22	91	568	4,743	2,057
2008	7,452	7,435	111	25	86	499	4,722	2,103
2009	8,012	7,972	111	28	83	485	5,143	2,233

*Defined as a score of 80% or greater on the Adequacy of Prenatal Care Utilization Index, or the sum of the Adequate and Adequate Plus categories.

Table 39. Percent of births to women receiving at least adequate prenatal care* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	63.1	63.2	53.5	50.3	55.4	58.3	68.0	70.4
2000	64.1	64.2	54.4	52.4	55.7	60.7	68.2	69.6
2001	66.2	66.4	57.0	54.7	58.3	62.9	70.2	71.5
2002	66.1	66.1	56.1	53.1	58.0	62.4	69.8	71.7
2003	66.8	66.8	58.1	54.5	60.2	62.3	70.5	71.8
2004	68.3	68.4	56.0	52.5	58.2	62.5	73.3	75.3
2005	71.4	71.5	60.1	58.0	61.5	65.8	75.9	77.1
2006	73.2	73.3	62.6	59.8	64.4	69.5	76.7	78.8
2007	73.9	73.9	63.7	61.8	64.8	69.4	77.4	79.9
2008	75.1	75.1	66.4	63.9	67.7	70.3	78.3	80.2
2009	74.2	74.3	62.8	58.9	64.8	69.5	77.8	78.8
Hispanic								
1999	58.2	59.7	51.5	48.2	53.5	56.7	63.5	66.7
2000	61.8	62.3	54.1	53.2	54.7	60.3	65.7	67.6
2001	66.8	67.8	60.6	59.9	61.0	65.1	70.9	73.8
2002	63.9	65.9	58.3	57.7	58.6	63.8	68.7	71.2
2003	65.9	68.1	61.7	60.1	62.6	65.4	70.6	73.2
2004	66.8	69.3	61.3	57.2	63.7	66.3	72.9	73.3
2005	71.2	73.6	67.3	67.3	67.3	71.1	76.2	77.2
2006	74.3	76.7	70.1	68.5	71.0	74.8	78.7	81.3
2007	75.9	77.6	70.1	68.5	71.1	74.9	80.2	83.0
2008	77.1	78.9	72.8	72.0	73.2	76.1	81.5	82.0
2009	77.1	78.3	70.8	67.8	72.4	75.8	80.6	82.1
Non-Hispanic Asian								
1999	64.0	65.0	44.6	33.3	50.0	57.7	67.3	65.5
2000	62.3	63.0	58.5	60.0	58.1	55.1	65.0	63.0
2001	65.2	66.4	44.2	20.0	50.0	62.1	68.2	67.3
2002	65.9	67.5	42.9	--	--	58.9	68.6	71.4
2003	68.5	70.8	51.5	--	--	63.8	71.7	74.4
2004	76.1	78.8	59.4	70.0	54.5	72.0	79.1	83.6
2005	76.5	79.0	60.0	50.0	66.7	68.0	80.3	81.2
2006	76.3	78.4	54.1	--	--	71.7	78.7	82.8
2007	77.3	79.4	70.4	--	--	69.7	80.3	81.4
2008	76.6	79.1	59.1	--	--	68.8	79.2	83.7
2009	79.0	80.2	69.2	--	--	71.1	80.7	82.6
Non-Hispanic Black								
1999	61.1	62.1	56.3	53.1	58.3	60.4	67.0	65.2
2000	61.5	62.2	55.3	52.6	57.3	61.4	67.2	63.9
2001	62.2	63.0	55.8	52.8	57.9	62.3	67.5	66.4
2002	63.2	64.3	56.4	52.5	59.0	63.3	68.8	68.6
2003	63.1	64.4	57.8	53.4	60.8	62.5	69.5	66.3
2004	61.8	63.8	55.4	52.7	57.2	62.1	69.5	67.0
2005	64.1	66.8	59.3	56.2	61.4	64.6	72.4	68.9
2006	67.4	68.7	60.2	56.9	62.4	68.0	73.6	72.4
2007	67.2	68.2	61.4	59.7	62.5	66.6	72.5	73.1
2008	69.1	70.3	64.5	61.4	66.2	67.7	74.9	74.4
2009	67.0	67.9	59.3	54.3	61.7	66.3	73.2	72.3
Non-Hispanic White								
1999	75.3	76.8	54.4	51.3	55.6	65.9	79.4	81.3
2000	73.1	73.9	57.2	54.3	58.4	65.0	75.7	77.8
2001	72.9	73.8	59.2	56.4	60.3	63.9	75.6	76.6
2002	74.7	76.1	63.3	56.2	65.5	66.8	77.8	78.0
2003	74.3	76.4	62.8	64.4	62.3	64.9	77.6	79.3
2004	80.3	82.5	65.2	54.5	68.6	66.7	84.2	85.7
2005	82.1	84.9	62.9	61.5	63.4	73.5	86.2	87.5
2006	80.1	82.6	63.7	62.5	64.1	69.6	84.3	85.1
2007	80.3	82.7	59.8	45.8	64.5	71.5	83.7	86.0
2008	80.4	83.2	66.5	51.0	72.9	70.6	83.7	86.9
2009	78.9	80.7	67.7	66.7	68.0	68.7	81.5	82.7

*Defined as a score of 80% or greater on the Adequacy of Prenatal Care Utilization Index, or the sum of the Adequate and Adequate Plus categories. Births for which month prenatal care began or number of visits to doctor was not reported on the birth certificate were excluded from the calculation of percentages.

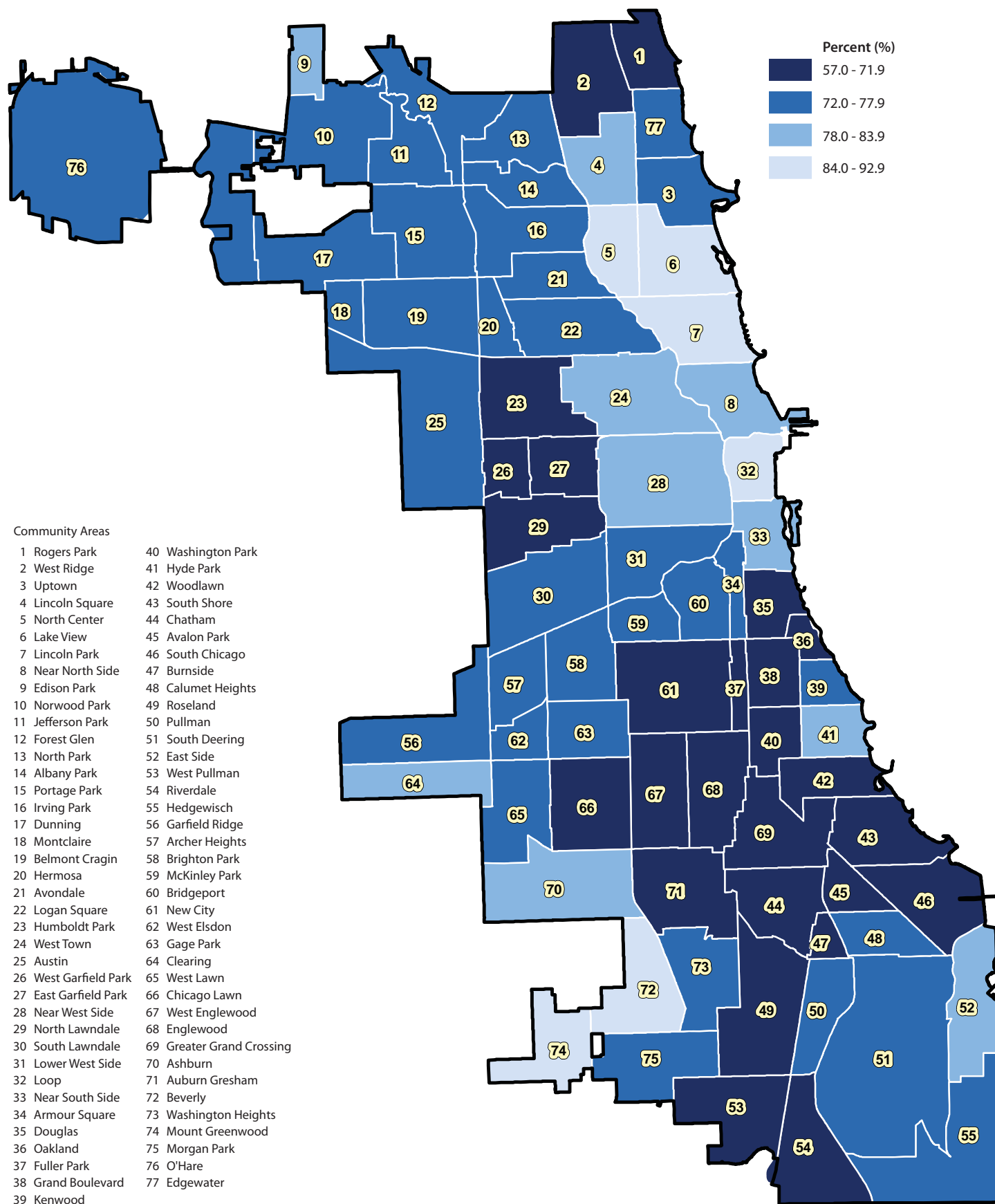
Table 40. Average annual births and percent of births to women receiving adequate prenatal care* by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	479	63.0 (61.5, 64.5)	40 Washington Park	137	57.0 (54.2, 59.8)
2 West Ridge	663	65.0 (63.7, 66.3)	41 Hyde Park	205	81.0 (78.8, 83.2)
3 Uptown	497	75.7 (74.2, 77.2)	42 Woodlawn	245	63.1 (61.0, 65.2)
4 Lincoln Square	421	77.9 (76.3, 79.5)	43 South Shore	544	66.4 (65.0, 67.8)
5 North Center	482	84.8 (83.5, 86.1)	44 Chatham	297	67.3 (65.3, 69.3)
6 Lake View	844	86.0 (85.0, 87.0)	45 Avalon Park	80	67.8 (64.0, 71.6)
7 Lincoln Park	578	85.8 (84.6, 87.0)	46 South Chicago	403	69.4 (67.7, 71.1)
8 Near North Side	519	81.3 (79.9, 82.7)	47 Burnside	29	63.4 (57.1, 69.7)
9 Edison Park	95	78.4 (75.1, 81.7)	48 Calumet Heights	113	74.0 (70.9, 77.1)
10 Norwood Park	293	76.3 (74.4, 78.2)	49 Roseland	469	70.0 (68.4, 71.6)
11 Jefferson Park	226	73.7 (71.5, 75.9)	50 Pullman	86	75.1 (71.5, 78.7)
12 Forest Glen	140	77.0 (74.3, 79.7)	51 South Deering	175	77.2 (74.8, 79.6)
13 North Park	134	72.3 (69.4, 75.2)	52 East Side	336	83.0 (81.4, 84.6)
14 Albany Park	628	73.9 (72.6, 75.2)	53 West Pullman	369	68.6 (66.8, 70.4)
15 Portage Park	625	73.4 (72.1, 74.7)	54 Riverdale	62	69.9 (65.6, 74.2)
16 Irving Park	612	76.6 (75.3, 77.9)	55 Hegewisch	76	75.4 (71.6, 79.2)
17 Dunning	330	72.6 (70.8, 74.4)	56 Garfield Ridge	353	75.7 (74.0, 77.4)
18 Montclair	156	76.1 (73.5, 78.7)	57 Archer Heights	195	77.2 (74.9, 79.5)
19 Belmont Cragin	1,093	73.9 (72.9, 74.9)	58 Brighton Park	741	75.2 (74.0, 76.4)
20 Hermosa	355	73.1 (71.3, 74.9)	59 McKinley Park	195	74.3 (71.9, 76.7)
21 Avondale	509	74.5 (73.0, 76.0)	60 Bridgeport	304	75.7 (73.8, 77.6)
22 Logan Square	911	76.1 (75.0, 77.2)	61 New City	698	67.4 (66.1, 68.7)
23 Humboldt park	793	70.5 (69.3, 71.7)	62 West Elsdon	249	75.3 (73.2, 77.4)
24 West Town	987	78.9 (77.9, 79.9)	63 Gage Park	702	75.0 (73.8, 76.2)
25 Austin	1,279	73.1 (72.2, 74.0)	64 Clearing	252	81.8 (79.9, 83.7)
26 West Garfield Park	251	66.8 (64.7, 68.9)	65 West Lawn	476	77.6 (76.1, 79.1)
27 East Garfield Park	263	68.6 (66.5, 70.7)	66 Chicago Lawn	855	71.1 (70.0, 72.2)
28 Near West Side	601	79.6 (78.3, 80.9)	67 West Englewood	442	58.0 (56.4, 59.6)
29 North Lawndale	516	70.8 (69.3, 72.3)	68 Englewood	382	58.8 (57.1, 60.5)
30 South Lawndale	1,264	76.1 (75.2, 77.0)	69 Greater Grand Crossing	361	63.7 (61.9, 65.5)
31 Lower West Side	517	75.8 (74.4, 77.2)	70 Ashburn	473	80.1 (78.7, 81.5)
32 Loop	152	87.0 (84.8, 89.2)	71 Auburn Gresham	516	69.1 (67.6, 70.6)
33 Near South Side	235	80.0 (78.0, 82.0)	72 Beverly	201	88.6 (86.8, 90.4)
34 Armour Square	96	72.3 (68.9, 75.7)	73 Washington Heights	250	72.2 (70.1, 74.3)
35 Douglas	144	69.1 (66.3, 71.9)	74 Mount Greenwood	222	92.8 (91.3, 94.3)
36 Oakland	66	71.2 (67.1, 75.3)	75 Morgan Park	226	77.3 (75.2, 79.4)
37 Fuller Park	26	60.7 (54.1, 67.3)	76 O'Hare	136	74.1 (71.3, 76.9)
38 Grand Boulevard	197	66.7 (64.3, 69.1)	77 Edgewater	432	73.6 (72.0, 75.2)
39 Kenwood	153	73.3 (70.6, 76.0)	Chicago	30,740	73.5 (73.3, 73.7)

*Defined as a score of 80% or greater on the Adequacy of Prenatal Care Utilization Index, or the sum of the Adequate and Adequate Plus categories. Births for which month prenatal care began or number of visits to doctor was not reported on the birth certificate were excluded from the calculation of percentages.

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Figure 8. Average annual percent of births to women receiving at least adequate prenatal care* by community area of residence of mother, Chicago, 2005-2009



*Defined as a score of 80% or greater on the Adequacy of Prenatal Care Utilization Index, or the sum of the Adequate and Adequate Plus categories. Births for which month prenatal care began or number of visits to doctor was not reported on the birth certificate were excluded from the calculation of percentages.

Table 41. Births by method of delivery, age and race-ethnicity of mother, Chicago, 2009

Delivery method and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Vaginal								
Total	31,880	31,782	4,236	1,463	2,773	7,413	15,698	4,435
Spontaneous	30,827	30,733	4,180	1,451	2,729	7,199	15,108	4,246
Forceps	638	636	37	13	24	49	398	152
Vacuum	1,163	1,155	193	66	127	237	569	156
Vaginal birth after Cesarean	731	729	25	5	20	147	413	144
Cesarean								
Total	12,737	12,670	1,027	302	725	2,352	6,414	2,877
Primary	7,779	7,729	876	278	598	1,478	3,778	1,597
Repeat	4,958	4,941	151	24	127	874	2,636	1,280
Hispanic								
Vaginal								
Total	11,643	11,612	1,629	590	1,039	3,244	5,471	1,268
Spontaneous	11,215	11,185	1,613	589	1,024	3,151	5,227	1,194
Forceps	87	86	13	6	7	19	45	9
Vacuum	359	356	60	16	44	83	171	42
Vaginal birth after Cesarean	310	310	6	0	6	68	180	56
Cesarean								
Total	4,084	4,071	333	105	228	861	2,116	761
Primary	2,156	2,149	289	98	191	516	995	349
Repeat	1,928	1,922	44	7	37	345	1,121	412
Non-Hispanic Asian								
Vaginal								
Total	1,675	--	--	--	--	163	1,105	376
Spontaneous	1,609	--	--	--	--	155	1,069	356
Forceps	66	--	--	--	--	3	45	18
Vacuum	82	--	--	--	--	8	49	23
Vaginal birth after Cesarean	35	--	--	--	--	2	20	13
Cesarean								
Total	733	--	--	--	--	47	450	233
Primary	509	--	--	--	--	41	328	137
Repeat	224	--	--	--	--	6	122	96
Non-Hispanic Black								
Vaginal								
Total	10,260	10,221	2,416	823	1,593	3,382	3,641	782
Spontaneous	9,896	9,857	2,377	812	1,565	3,280	3,452	748
Forceps	76	76	20	6	14	19	31	6
Vacuum	408	405	123	48	75	123	137	22
Vaginal birth after Cesarean	246	246	19	5	14	69	132	26
Cesarean								
Total	4,268	4,254	653	186	467	1,243	1,786	572
Primary	2,594	2,581	551	170	381	768	940	322
Repeat	1,674	1,673	102	16	86	475	846	250
Non-Hispanic White								
Vaginal								
Total	8,112	8,090	154	39	115	604	5,370	1,962
Spontaneous	7,925	7,904	154	39	115	595	5,253	1,902
Forceps	401	400	4	1	3	7	272	117
Vacuum	303	302	7	1	6	22	208	65
Vaginal birth after Cesarean	134	133	0	0	0	7	78	48
Cesarean								
Total	3,563	3,526	38	11	27	193	2,013	1,282
Primary	2,461	2,434	33	10	23	149	1,482	770
Repeat	1,102	1,092	5	1	4	44	531	512

Table 42. Percent of births by method of delivery, age and race-ethnicity of mother, Chicago, 2009

Delivery method and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Vaginal								
Total	71.5	71.5	80.5	82.9	79.3	75.9	71.0	60.7
Spontaneous	69.4	69.4	79.6	82.3	78.3	74.0	68.6	58.3
Forceps	1.4	1.4	0.7	0.7	0.7	0.5	1.8	2.1
Vacuum	2.6	2.6	3.7	3.7	3.6	2.4	2.6	2.1
Vaginal birth after Cesarean	1.6	1.6	0.5	0.3	0.6	1.5	1.9	2.0
Cesarean								
Total	28.7	28.7	19.6	17.2	20.7	24.2	29.2	39.5
Primary	17.5	17.5	16.7	15.8	17.1	15.2	17.2	21.9
Repeat	11.2	11.2	2.9	1.4	3.6	9.0	12.0	17.6
Hispanic								
Vaginal								
Total	74.0	74.0	83.0	84.9	82.0	79.0	72.1	62.5
Spontaneous	71.6	71.6	82.4	84.7	81.1	76.9	69.2	59.1
Forceps	0.6	0.6	0.7	0.9	0.6	0.5	0.6	0.4
Vacuum	2.3	2.3	3.1	2.3	3.5	2.0	2.3	2.1
Vaginal birth after Cesarean	2.0	2.0	0.3	0.0	0.5	1.7	2.4	2.8
Cesarean								
Total	26.1	26.1	17.0	15.1	18.0	21.0	28.0	37.7
Primary	13.8	13.8	14.8	14.1	15.1	12.6	13.2	17.3
Repeat	12.3	12.3	2.2	1.0	2.9	8.4	14.8	20.4
Non-Hispanic Asian								
Vaginal								
Total	69.6	--	--	--	--	77.6	71.1	61.7
Spontaneous	67.1	--	--	--	--	73.8	69.0	58.8
Forceps	2.8	--	--	--	--	1.4	2.9	3.0
Vacuum	3.4	--	--	--	--	3.8	3.2	3.8
Vaginal birth after Cesarean	1.5	--	--	--	--	1.0	1.3	2.1
Cesarean								
Total	30.5	--	--	--	--	22.4	29.1	38.5
Primary	21.2	--	--	--	--	19.5	21.2	22.6
Repeat	9.3	--	--	--	--	2.9	7.9	15.9
Non-Hispanic Black								
Vaginal								
Total	70.6	70.6	78.7	81.6	77.3	73.1	67.1	57.8
Spontaneous	68.5	68.5	77.6	80.6	76.2	71.3	64.1	55.5
Forceps	0.5	0.5	0.7	0.6	0.7	0.4	0.6	0.4
Vacuum	2.8	2.8	4.0	4.8	3.7	2.7	2.5	1.6
Vaginal birth after Cesarean	1.7	1.7	0.6	0.5	0.7	1.5	2.5	1.9
Cesarean								
Total	29.6	29.5	21.3	18.5	22.7	27.0	33.2	42.5
Primary	18.0	17.9	18.0	16.9	18.5	16.7	17.5	23.9
Repeat	11.6	11.6	3.3	1.6	4.2	10.3	15.7	18.6
Non-Hispanic White								
Vaginal								
Total	69.5	69.6	80.2	78.0	81.0	75.8	72.7	60.5
Spontaneous	68.1	68.2	80.2	78.0	81.0	74.7	71.4	58.8
Forceps	3.4	3.5	2.1	2.0	2.1	0.9	3.7	3.6
Vacuum	2.6	2.6	3.6	2.0	4.2	2.8	2.8	2.0
Vaginal birth after Cesarean	1.2	1.1	0.0	0.0	0.0	0.9	1.1	1.5
Cesarean								
Total	30.6	30.4	19.8	22.0	19.0	24.2	27.3	39.6
Primary	21.1	21.0	17.2	20.0	16.2	18.7	20.1	23.8
Repeat	9.5	9.4	2.6	2.0	2.8	5.5	7.2	15.8

Table 43. Births by method of delivery and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Vaginal					Cesarean		
	Total	Spontaneous	Forceps	Vacuum	Vaginal birth after Cesarean	Total	Primary	Repeat
All race-ethnicities								
1999	41,315	38,865	1,249	1,783	1,327	9,292	5,981	3,311
2000	41,263	39,071	1,145	1,696	1,263	9,673	6,216	3,457
2001	39,680	37,932	1,009	1,720	1,072	9,977	6,311	3,666
2002	37,537	36,096	976	1,603	883	10,531	6,689	3,842
2003	36,832	35,687	935	1,672	751	11,305	7,142	4,163
2004	35,050	33,935	904	1,592	659	11,617	7,386	4,231
2005	33,559	32,498	775	1,520	686	11,953	7,488	4,465
2006	33,629	32,727	624	1,451	624	12,325	7,743	4,582
2007	33,902	32,995	560	1,494	546	12,522	7,654	4,868
2008	32,735	31,850	680	1,264	563	12,819	7,837	4,982
2009	31,880	30,827	638	1,163	731	12,737	7,779	4,958
Hispanic								
1999	14,773	14,000	316	552	518	3,183	1,901	1,282
2000	15,156	14,374	260	571	538	3,404	2,068	1,336
2001	15,020	14,382	209	647	477	3,620	2,112	1,508
2002	14,504	13,961	212	567	385	3,726	2,132	1,594
2003	14,415	13,951	206	665	336	3,968	2,280	1,688
2004	13,685	13,247	185	580	283	4,172	2,371	1,801
2005	13,192	12,762	139	476	309	4,173	2,365	1,808
2006	13,310	12,939	123	386	279	4,232	2,416	1,816
2007	13,150	12,754	101	480	248	4,315	2,341	1,974
2008	12,430	12,067	104	412	248	4,215	2,265	1,950
2009	11,643	11,215	87	359	310	4,084	2,156	1,928
Non-Hispanic Asian								
1999	1,633	1,515	100	108	46	394	279	115
2000	1,709	1,581	92	103	53	414	277	137
2001	1,581	1,510	63	111	32	406	289	117
2002	1,555	1,475	83	102	35	449	303	146
2003	1,640	1,566	83	100	35	519	355	164
2004	1,573	1,529	64	80	24	562	398	164
2005	1,585	1,534	72	94	26	565	406	159
2006	1,534	1,486	55	89	22	647	441	206
2007	1,635	1,588	56	99	20	672	466	206
2008	1,658	1,611	81	76	23	698	469	229
2009	1,675	1,609	66	82	35	733	509	224
Non-Hispanic Black								
1999	16,270	15,195	283	721	533	3,726	2,392	1,334
2000	15,642	14,807	234	669	400	3,827	2,398	1,429
2001	14,757	14,027	260	667	363	3,851	2,395	1,456
2002	13,255	12,715	240	609	305	4,003	2,543	1,460
2003	12,795	12,416	188	573	251	4,152	2,590	1,562
2004	11,983	11,634	182	590	234	4,187	2,673	1,514
2005	11,265	10,890	120	589	243	4,226	2,583	1,643
2006	11,401	11,089	89	605	221	4,337	2,697	1,640
2007	11,375	11,055	70	557	192	4,322	2,670	1,652
2008	10,734	10,408	90	452	207	4,354	2,637	1,717
2009	10,260	9,896	76	408	246	4,268	2,594	1,674
Non-Hispanic White								
1999	8,571	8,089	550	401	228	1,970	1,397	573
2000	8,674	8,232	557	351	270	2,011	1,461	550
2001	8,267	7,964	473	292	196	2,081	1,499	582
2002	8,161	7,884	440	324	157	2,337	1,699	638
2003	7,913	7,688	457	333	128	2,644	1,898	746
2004	7,729	7,452	471	336	113	2,667	1,924	743
2005	7,441	7,240	441	359	106	2,961	2,117	844
2006	7,308	7,137	355	367	102	3,076	2,166	910
2007	7,626	7,485	331	352	84	3,165	2,142	1,023
2008	7,744	7,600	401	320	80	3,459	2,417	1,042
2009	8,112	7,925	401	303	134	3,563	2,461	1,102

Table 44. Percent of births by method of delivery and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Vaginal					Cesarean		
	Total	Spontaneous	Forceps	Vacuum	Vaginal birth after Cesarean	Total	Primary	Repeat
All race-ethnicities								
1999	81.6	76.9	2.5	3.5	2.6	18.4	11.8	6.6
2000	81.0	76.8	2.3	3.3	2.5	19.0	12.2	6.8
2001	79.9	76.5	2.0	3.5	2.2	20.1	12.7	7.4
2002	78.1	75.3	2.0	3.3	1.8	22.0	14.0	8.0
2003	76.5	74.3	1.9	3.5	1.6	23.6	14.9	8.7
2004	75.1	72.9	1.9	3.4	1.4	25.0	15.9	9.1
2005	73.7	71.6	1.7	3.3	1.5	26.3	16.5	9.8
2006	73.2	71.4	1.4	3.2	1.4	26.9	16.9	10.0
2007	73.0	71.4	1.2	3.2	1.2	27.1	16.6	10.5
2008	71.9	70.2	1.5	2.8	1.2	28.3	17.3	11.0
2009	71.5	69.4	1.4	2.6	1.6	28.7	17.5	11.2
Hispanic								
1999	82.3	78.0	1.8	3.1	2.9	17.7	10.6	7.1
2000	81.7	77.5	1.4	3.1	2.9	18.4	11.2	7.2
2001	80.6	77.3	1.1	3.5	2.6	19.5	11.4	8.1
2002	79.6	76.8	1.2	3.1	2.1	20.5	11.7	8.8
2003	78.4	76.1	1.1	3.6	1.8	21.6	12.4	9.2
2004	76.6	74.4	1.0	3.3	1.6	23.4	13.3	10.1
2005	76.0	73.6	0.8	2.7	1.8	24.0	13.6	10.4
2006	75.9	73.9	0.7	2.2	1.6	24.2	13.8	10.4
2007	75.3	73.3	0.6	2.8	1.4	24.8	13.5	11.3
2008	74.7	72.8	0.6	2.5	1.5	25.5	13.7	11.8
2009	74.0	71.6	0.6	2.3	2.0	26.1	13.8	12.3
Non-Hispanic Asian								
1999	80.6	74.8	4.9	5.3	2.3	19.5	13.8	5.7
2000	80.5	74.5	4.3	4.9	2.5	19.6	13.1	6.5
2001	79.6	76.0	3.2	5.6	1.6	20.4	14.5	5.9
2002	77.6	73.9	4.2	5.1	1.8	22.5	15.2	7.3
2003	76.0	72.7	3.9	4.6	1.6	24.1	16.5	7.6
2004	73.7	71.6	3.0	3.7	1.1	26.3	18.6	7.7
2005	73.7	71.5	3.4	4.4	1.2	26.3	18.9	7.4
2006	70.3	68.3	2.5	4.1	1.0	29.8	20.3	9.5
2007	70.9	69.0	2.4	4.3	0.9	29.1	20.2	8.9
2008	70.4	68.5	3.4	3.2	1.0	29.6	19.9	9.7
2009	69.6	67.1	2.8	3.4	1.5	30.5	21.2	9.3
Non-Hispanic Black								
1999	81.4	76.2	1.4	3.6	2.7	18.7	12.0	6.7
2000	80.3	76.2	1.2	3.4	2.1	19.7	12.3	7.4
2001	79.3	75.5	1.4	3.6	2.0	20.7	12.9	7.8
2002	76.8	73.9	1.4	3.5	1.8	23.3	14.8	8.5
2003	75.5	73.4	1.1	3.4	1.5	24.5	15.3	9.2
2004	74.1	72.1	1.1	3.7	1.5	26.0	16.6	9.4
2005	72.7	70.5	0.8	3.8	1.6	27.3	16.7	10.6
2006	72.4	70.7	0.6	3.9	1.4	27.7	17.2	10.5
2007	72.5	70.8	0.4	3.6	1.2	27.7	17.1	10.6
2008	71.1	69.4	0.6	3.0	1.4	29.0	17.6	11.4
2009	70.6	68.5	0.5	2.8	1.7	29.6	18.0	11.6
Non-Hispanic White								
1999	81.3	76.8	5.2	3.8	2.2	18.7	13.3	5.4
2000	81.2	77.1	5.2	3.3	2.5	18.9	13.7	5.2
2001	79.9	77.1	4.6	2.8	1.9	20.1	14.5	5.6
2002	77.7	75.2	4.2	3.1	1.5	22.3	16.2	6.1
2003	75.0	72.9	4.3	3.2	1.2	25.1	18.0	7.1
2004	74.4	71.8	4.5	3.2	1.1	25.7	18.5	7.2
2005	71.5	69.7	4.2	3.5	1.0	28.5	20.4	8.1
2006	70.4	68.9	3.4	3.5	1.0	29.7	20.9	8.8
2007	70.7	69.6	3.1	3.3	0.8	29.4	19.9	9.5
2008	69.1	68.0	3.6	2.9	0.7	30.9	21.6	9.3
2009	69.5	68.1	3.4	2.6	1.2	30.6	21.1	9.5

Table 45. Births delivered by Cesarean by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	9,292	9,243	1,118	387	731	2,014	4,574	1,537
2000	9,673	9,620	1,075	391	684	2,170	4,757	1,618
2001	9,977	9,917	1,014	358	656	2,263	4,863	1,777
2002	10,531	10,481	1,049	371	678	2,287	5,163	1,982
2003	11,305	11,245	1,051	405	646	2,419	5,526	2,249
2004	11,615	11,554	1,082	398	684	2,488	5,722	2,262
2005	11,953	11,888	1,134	422	712	2,367	6,018	2,369
2006	12,325	12,245	1,158	415	743	2,472	6,036	2,579
2007	12,522	12,434	1,165	378	787	2,371	6,265	2,633
2008	12,819	12,746	1,081	353	728	2,409	6,429	2,827
2009	12,737	12,670	1,027	302	725	2,352	6,414	2,877
Hispanic								
1999	3,183	3,169	333	111	222	799	1,583	454
2000	3,404	3,393	360	124	236	862	1,695	476
2001	3,620	3,613	350	97	253	894	1,843	526
2002	3,726	3,713	341	122	219	895	1,905	572
2003	3,968	3,955	341	117	224	941	2,070	603
2004	4,172	4,161	372	131	241	956	2,153	680
2005	4,173	4,155	384	132	252	926	2,170	675
2006	4,232	4,216	382	138	244	1,004	2,102	728
2007	4,315	4,296	393	113	280	971	2,204	728
2008	4,215	4,198	350	110	240	945	2,182	721
2009	4,084	4,071	333	105	228	861	2,116	761
Non-Hispanic Asian								
1999	394	394	6	2	4	39	270	79
2000	414	413	2	1	1	41	272	98
2001	406	402	5	4	1	41	263	93
2002	449	449	3	0	3	41	282	123
2003	519	517	4	1	3	39	346	128
2004	562	560	5	1	4	48	372	135
2005	565	564	4	1	3	45	363	152
2006	647	644	4	1	3	41	416	183
2007	672	669	1	0	1	39	418	211
2008	698	697	5	--	--	42	411	239
2009	733	732	2	0	2	47	450	233
Non-Hispanic Black								
1999	3,726	3,705	720	256	464	993	1,523	469
2000	3,827	3,796	653	252	401	1,089	1,579	475
2001	3,851	3,830	620	244	376	1,149	1,532	529
2002	4,003	3,972	650	240	410	1,172	1,616	534
2003	4,152	4,124	654	270	384	1,239	1,629	602
2004	4,186	4,165	665	259	406	1,287	1,673	540
2005	4,226	4,195	696	273	423	1,196	1,751	552
2006	4,337	4,303	722	263	459	1,236	1,767	578
2007	4,322	4,291	731	256	475	1,161	1,806	593
2008	4,354	4,336	679	227	452	1,239	1,814	604
2009	4,268	4,254	653	186	467	1,243	1,786	572
Non-Hispanic White								
1999	1,970	1,956	56	16	40	177	1,191	532
2000	2,011	2,001	60	14	46	175	1,198	568
2001	2,081	2,053	38	13	25	175	1,216	624
2002	2,337	2,331	55	9	46	179	1,351	746
2003	2,644	2,627	49	16	33	197	1,471	910
2004	2,666	2,639	38	7	31	194	1,504	903
2005	2,961	2,947	48	15	33	196	1,717	986
2006	3,076	3,050	48	13	35	185	1,733	1,084
2007	3,165	3,132	37	8	29	192	1,815	1,088
2008	3,459	3,425	45	15	30	171	1,976	1,233
2009	3,563	3,526	38	11	27	193	2,013	1,282

Table 46. Percent of births delivered by Cesarean by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	18.4	18.4	13.3	12.1	14.0	14.8	20.4	26.7
2000	19.0	19.0	13.5	12.5	14.1	15.7	20.8	27.0
2001	20.1	20.1	13.6	12.7	14.1	17.0	21.8	28.6
2002	22.0	22.0	15.6	14.4	16.2	18.0	23.4	32.2
2003	23.5	23.5	16.6	17.0	16.4	19.3	24.8	33.8
2004	24.9	24.9	17.4	16.8	17.8	21.2	26.2	34.7
2005	26.3	26.3	19.3	18.3	19.9	21.2	27.8	36.4
2006	26.9	26.8	18.8	17.6	19.6	22.0	28.1	38.1
2007	27.1	27.0	18.8	16.4	20.3	21.9	28.3	38.2
2008	28.3	28.2	19.0	17.4	19.8	23.5	29.1	39.6
2009	28.7	28.6	19.6	17.1	20.8	24.2	29.1	39.5
Hispanic								
1999	17.7	17.7	11.5	10.0	12.4	14.0	20.6	28.9
2000	18.4	18.4	12.3	11.8	12.6	14.8	20.9	29.9
2001	19.5	19.5	12.3	9.8	13.6	15.7	22.2	30.8
2002	20.5	20.5	12.9	12.5	13.2	16.1	23.1	34.1
2003	21.6	21.6	13.8	13.6	13.9	17.1	24.4	33.1
2004	23.4	23.5	14.9	14.1	15.3	18.4	26.2	37.0
2005	24.1	24.1	16.4	14.6	17.4	18.6	26.7	37.1
2006	24.2	24.2	16.0	15.7	16.2	19.8	26.1	37.6
2007	24.8	24.8	16.2	12.3	18.6	20.2	27.2	36.5
2008	25.4	25.4	15.8	14.0	16.8	21.0	27.9	36.4
2009	26.1	26.1	17.0	15.1	18.1	21.0	28.0	37.7
Non-Hispanic Asian								
1999	19.4	19.5	9.7	10.0	9.5	13.3	19.7	26.6
2000	19.5	19.5	3.3	8.3	2.1	13.3	19.4	28.2
2001	20.4	20.3	7.8	33.3	1.9	14.1	20.1	29.3
2002	22.5	22.5	9.7	0.0	13.6	15.6	21.0	34.5
2003	24.1	24.0	9.8	8.3	10.3	13.0	24.6	31.6
2004	26.3	26.3	10.9	5.9	13.8	19.3	25.9	33.6
2005	26.3	26.3	12.5	7.7	15.8	17.9	25.4	35.6
2006	29.7	29.7	10.5	10.0	10.7	18.9	28.9	38.3
2007	29.2	29.1	3.3	0.0	4.0	16.7	28.1	38.7
2008	29.7	29.7	17.9	--	--	19.9	27.1	40.3
2009	30.6	30.6	7.1	0.0	9.5	22.4	29.0	38.5
Non-Hispanic Black								
1999	18.7	18.7	14.5	13.1	15.3	16.1	21.8	28.6
2000	19.7	19.7	14.4	13.1	15.4	17.5	23.0	28.9
2001	20.7	20.8	14.8	14.3	15.2	18.9	23.7	31.3
2002	23.3	23.3	17.4	16.0	18.4	20.7	26.3	34.7
2003	24.6	24.6	18.6	18.8	18.5	22.0	27.1	37.0
2004	25.9	26.0	19.7	19.0	20.1	24.4	28.5	36.3
2005	27.4	27.4	21.4	20.6	21.9	24.2	30.5	39.5
2006	27.6	27.6	20.9	18.7	22.3	25.0	30.8	40.5
2007	27.7	27.6	20.8	19.2	21.7	23.9	31.6	41.1
2008	29.0	29.1	20.8	19.5	21.6	26.4	32.7	42.9
2009	29.5	29.6	21.3	18.5	22.7	27.0	33.2	42.5
Non-Hispanic White								
1999	18.7	18.6	11.9	12.6	11.6	12.3	18.8	23.8
2000	18.8	18.8	14.4	11.8	15.4	12.2	18.7	23.8
2001	20.1	20.0	10.9	13.3	9.9	14.2	19.5	25.1
2002	22.3	22.3	16.2	10.8	17.9	14.4	21.4	29.1
2003	25.1	25.0	17.1	22.9	15.3	18.3	23.1	32.6
2004	25.7	25.5	14.0	10.9	14.9	19.5	23.9	32.6
2005	28.5	28.4	19.9	22.7	18.9	19.8	27.3	34.8
2006	29.7	29.6	19.2	20.3	18.8	19.2	28.0	37.4
2007	29.4	29.2	17.5	13.8	19.0	21.2	27.0	37.7
2008	31.0	30.8	23.8	26.8	22.6	21.0	28.1	39.9
2009	30.6	30.4	19.8	22.0	19.0	24.2	27.3	39.6

Table 47. Births to women who underwent obstetric procedures by age and race-ethnicity of mother, Chicago, 2009

Obstetric procedures and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Amniocentesis	777	770	53	21	32	109	257	351
Electronic fetal monitoring	37,716	37,573	4,437	1,488	2,949	8,112	18,762	6,262
Induction of labor	9,748	9,716	1,267	446	821	2,134	4,715	1,600
Stimulation of labor	10,526	10,493	1,329	461	868	2,338	5,348	1,478
Tocolysis	2,061	2,056	353	111	242	609	862	232
Ultrasound	29,526	29,407	2,967	977	1,990	5,707	15,262	5,471
Other	3,802	3,794	748	271	477	1,084	1,535	427
Hispanic								
Amniocentesis	278	277	42	17	25	76	124	35
Electronic fetal monitoring	12,518	12,485	1,578	550	1,028	3,280	6,032	1,595
Induction of labor	3,188	3,184	459	171	288	885	1,442	398
Stimulation of labor	3,865	3,854	573	205	368	1,095	1,770	416
Tocolysis	564	563	79	35	44	147	258	79
Ultrasound	9,272	9,246	1,110	390	720	2,425	4,469	1,242
Other	1,103	1,102	149	64	85	283	503	167
Non-Hispanic Asian								
Amniocentesis	59	59	0	0	0	3	21	35
Electronic fetal monitoring	2,053	2,048	19	--	--	173	1,339	517
Induction of labor	420	419	2	0	2	48	275	94
Stimulation of labor	610	609	11	--	--	64	397	137
Tocolysis	60	59	0	0	0	3	46	10
Ultrasound	1,702	1,696	17	--	--	126	1,098	455
Other	98	98	2	0	2	12	67	17
Non-Hispanic Black								
Amniocentesis	103	103	7	3	4	28	37	31
Electronic fetal monitoring	12,334	12,285	2,667	885	1,782	3,958	4,553	1,107
Induction of labor	3,141	3,132	755	260	495	962	1,137	278
Stimulation of labor	2,783	2,771	686	241	445	908	1,004	173
Tocolysis	1,243	1,241	268	75	193	439	443	91
Ultrasound	8,332	8,301	1,703	553	1,150	2,548	3,218	832
Other	2,216	2,212	579	203	376	752	736	145
Non-Hispanic White								
Amniocentesis	331	325	3	1	2	2	74	246
Electronic fetal monitoring	10,564	10,511	161	44	117	677	6,702	2,971
Induction of labor	2,940	2,922	50	14	36	236	1,827	809
Stimulation of labor	3,193	3,184	51	12	39	264	2,140	729
Tocolysis	189	188	6	1	5	20	110	52
Ultrasound	9,979	9,926	128	29	99	585	6,339	2,874
Other	375	372	17	3	14	36	224	95

Table 48. Percent of births to women who underwent obstetric procedures by age and race-ethnicity of mother, Chicago, 2009

Obstetric procedures and race-ethnicity of mother	Age of mother (years)									
	All Ages	15-44	15-19					20-24	25-34	35-44
			Total	15-17	18-19					
All race-ethnicities										
Amniocentesis	1.7	1.7	1.0	1.2	0.9	1.1	1.2	4.8		
Electronic fetal monitoring	84.9	84.9	84.5	84.4	84.6	83.4	85.3	85.9		
Induction of labor	21.9	21.9	24.1	25.3	23.5	21.9	21.4	22.0		
Stimulation of labor	23.7	23.7	25.3	26.1	24.9	24.0	24.3	20.3		
Tocolysis	4.6	4.6	6.7	6.3	6.9	6.3	3.9	3.2		
Ultrasound	66.4	66.4	56.5	55.4	57.1	58.7	69.3	75.1		
Other	8.6	8.6	14.2	15.4	13.7	11.1	7.0	5.9		
Hispanic										
Amniocentesis	1.8	1.8	2.1	2.4	2.0	1.9	1.6	1.7		
Electronic fetal monitoring	79.9	79.9	80.6	79.1	81.5	80.1	79.9	79.0		
Induction of labor	20.3	20.4	23.5	24.6	22.8	21.6	19.1	19.7		
Stimulation of labor	24.7	24.7	29.3	29.5	29.2	26.7	23.4	20.6		
Tocolysis	3.6	3.6	4.0	5.0	3.5	3.6	3.4	3.9		
Ultrasound	59.2	59.2	56.7	56.1	57.1	59.2	59.2	61.5		
Other	7.0	7.1	7.6	9.2	6.7	6.9	6.7	8.3		
Non-Hispanic Asian										
Amniocentesis	2.5	2.5	0.0	0.0	0.0	1.4	1.4	5.8		
Electronic fetal monitoring	85.6	85.6	67.9	--	--	82.4	86.4	85.5		
Induction of labor	17.5	17.5	7.1	0.0	9.5	22.9	17.7	15.5		
Stimulation of labor	25.4	25.4	39.3	--	--	30.5	25.6	22.6		
Tocolysis	2.5	2.5	0.0	0.0	0.0	1.4	3.0	1.7		
Ultrasound	70.9	70.9	60.7	--	--	60.0	70.8	75.2		
Other	4.1	4.1	7.1	0.0	9.5	5.7	4.3	2.8		
Non-Hispanic Black										
Amniocentesis	0.7	0.7	0.2	0.3	0.2	0.6	0.7	2.3		
Electronic fetal monitoring	85.4	85.3	87.1	87.8	86.8	86.0	84.5	82.2		
Induction of labor	21.7	21.8	24.7	25.8	24.1	20.9	21.1	20.6		
Stimulation of labor	19.3	19.2	22.4	23.9	21.7	19.7	18.6	12.8		
Tocolysis	8.6	8.6	8.8	7.4	9.4	9.5	8.2	6.8		
Ultrasound	57.7	57.7	55.6	54.9	56.0	55.4	59.7	61.8		
Other	15.3	15.4	18.9	20.1	18.3	16.3	13.7	10.8		
Non-Hispanic White										
Amniocentesis	2.8	2.8	1.6	2.0	1.4	0.3	1.0	7.6		
Electronic fetal monitoring	90.7	90.7	83.9	88.0	82.4	85.1	91.0	91.8		
Induction of labor	25.3	25.2	26.0	28.0	25.4	29.6	24.8	25.0		
Stimulation of labor	27.4	27.5	26.6	24.0	27.5	33.2	29.1	22.5		
Tocolysis	1.6	1.6	3.1	2.0	3.5	2.5	1.5	1.6		
Ultrasound	85.7	85.7	66.7	58.0	69.7	73.5	86.1	88.8		
Other	3.2	3.2	8.9	6.0	9.9	4.5	3.0	2.9		

Table 49. Births to women who experienced complications during labor and delivery by age and race-ethnicity of mother, Chicago, 2009

Labor and delivery complications and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Abruptio placenta	166	164	19	9	10	39	80	26
Anesthetic complications	0	0	0	0	0	0	0	0
Breech/malpresentation	1,695	1,687	111	40	71	227	902	447
Cephalopelvic disproportion	103	103	16	7	9	20	44	23
Cord prolapse	39	38	3	0	3	4	24	7
Dysfunctional labor	2,103	2,094	205	58	147	345	1,080	464
Febrile	1,196	1,192	129	42	87	207	638	218
Fetal distress	2,118	2,108	289	93	196	463	972	384
Meconium, moderate or heavy	2,219	2,216	320	106	214	542	1,049	305
Other excessive bleeding	650	644	29	7	22	64	363	188
Placenta previa	167	164	5	2	3	11	97	51
Precipitous labor (< 3 hours)	268	265	24	9	15	69	126	46
Premature rupture of membrane (> 12 hours)	713	709	71	21	50	120	350	168
Prolonged labor (> 20 hours)	144	143	27	11	16	34	65	17
Seizures during labor	7	7	2	1	1	1	3	1
Other	7,320	7,295	1,158	386	772	2,004	3,248	885
Hispanic								
Abruptio placenta	44	43	7	4	3	7	25	4
Anesthetic complications	0	0	0	0	0	0	0	0
Breech/malpresentation	490	489	42	18	24	96	248	103
Cephalopelvic disproportion	28	28	4	2	2	9	14	1
Cord prolapse	20	20	2	0	2	4	11	3
Dysfunctional labor	596	595	83	26	57	160	271	81
Febrile	337	337	58	20	38	103	145	31
Fetal distress	655	654	102	32	70	159	286	107
Meconium, moderate or heavy	842	842	128	43	85	205	407	102
Other excessive bleeding	144	143	11	5	6	30	76	26
Placenta previa	53	52	2	1	1	7	29	14
Precipitous labor (< 3 hours)	73	72	2	0	2	16	45	9
Premature rupture of membrane (> 12 hours)	193	192	28	11	17	53	81	30
Prolonged labor (> 20 hours)	34	34	9	3	6	8	15	2
Seizures during labor	3	3	1	1	0	0	1	1
Other	2,471	2,470	341	122	219	643	1,164	322
Non-Hispanic Asian								
Abruptio placenta	10	10	0	0	0	1	4	5
Anesthetic complications	0	0	0	0	0	0	0	0
Breech/malpresentation	93	93	0	0	0	6	49	38
Cephalopelvic disproportion	7	7	0	0	0	3	3	1
Cord prolapse	1	1	0	0	0	0	1	
Dysfunctional labor	162	162	1	0	1	10	108	43
Febrile	114	114	1	0	1	4	82	27
Fetal distress	115	115	0	0	0	8	75	32
Meconium, moderate or heavy	89	89	1	0	1	6	59	23
Other excessive bleeding	61	61	0	0	0	1	36	24
Placenta previa	17	17	0	0	0	0	5	12
Precipitous labor (< 3 hours)	7	7	0	0	0	2	2	3
Premature rupture of membrane (> 12 hours)	50	50	0	0	0	2	29	19
Prolonged labor (> 20 hours)	5	5	0	0	0	0	4	1
Seizures during labor	0	0	0	0	0	0	0	0
Other	247	245	3	0	3	33	160	49

(continued on next page)

Table 49. Births to women who experienced complications during labor and delivery by age and race-ethnicity of mother, Chicago, 2009 (continued)

Labor and delivery complications and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
Non-Hispanic Black								
Abruptio placenta	70	70	12	5	7	29	25	4
Anesthetic complications	0	0	0	0	0	0	0	0
Breech/malpresentation	448	445	63	21	42	90	207	85
Cephalopelvic disproportion	32	32	12	5	7	6	11	3
Cord prolapse	8	8	1	0	1	0	6	1
Dysfunctional labor	471	469	110	27	83	126	177	56
Febrile	241	239	61	20	41	73	86	19
Fetal distress	812	809	181	59	122	261	279	88
Meconium, moderate or heavy	862	861	183	62	121	307	305	66
Other excessive bleeding	100	100	14	2	12	27	37	22
Placenta previa	23	23	2	1	1	3	17	1
Precipitous labor (< 3 hours)	144	142	22	9	13	50	48	22
Premature rupture of membrane (> 12 hours)	181	181	42	10	32	51	63	25
Prolonged labor (> 20 hours)	70	69	18	8	10	23	24	4
Seizures during labor	3	3	1	0	1	1	1	0
Other	3,539	3,524	772	256	516	1,198	1,259	295
Non-Hispanic White								
Abruptio placenta	41	40	0	0	0	2	25	13
Anesthetic complications	0	0	0	0	0	0	0	0
Breech/malpresentation	647	644	6	1	5	34	389	215
Cephalopelvic disproportion	36	36	0	0	0	2	16	18
Cord prolapse	10	9	0	0	0	0	6	3
Dysfunctional labor	854	848	10	5	5	47	515	276
Febrile	483	482	8	2	6	25	312	137
Fetal distress	517	511	6	2	4	32	318	155
Meconium, moderate or heavy	416	414	8	1	7	24	271	111
Other excessive bleeding	335	330	3	0	3	6	210	111
Placenta previa	74	72	1	0	1	1	46	24
Precipitous labor (< 3 hours)	42	42	0	0	0	1	29	12
Premature rupture of membrane (> 12 hours)	283	281	1	0	1	14	172	94
Prolonged labor (> 20 hours)	35	35	0	0	0	3	22	10
Seizures during labor	1	1	0	0	0	0	1	0
Other	1,049	1,042	41	7	34	127	657	217

Table 50. Percent of births to women who experienced complications during labor and delivery by age and race-ethnicity of mother, Chicago, 2009

Labor and delivery complications and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Abruptio placenta	0.4	0.4	0.4	0.5	0.3	0.4	0.4	0.4
Anesthetic complications	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Breech/malpresentation	3.8	3.8	2.1	2.3	2.0	2.3	4.1	6.1
Cephalopelvic disproportion	0.2	0.2	0.3	0.4	0.3	0.2	0.2	0.3
Cord prolapse	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.1
Dysfunctional labor	4.7	4.7	3.9	3.3	4.2	3.5	4.9	6.4
Febrile	2.7	2.7	2.5	2.4	2.5	2.1	2.9	3.0
Fetal distress	4.8	4.8	5.5	5.3	5.6	4.8	4.4	5.3
Meconium, moderate or heavy	5.0	5.0	6.1	6.0	6.1	5.6	4.8	4.2
Other excessive bleeding	1.5	1.5	0.6	0.4	0.6	0.7	1.6	2.6
Placenta previa	0.4	0.4	0.1	0.1	0.1	0.1	0.4	0.7
Precipitous labor (< 3 hours)	0.6	0.6	0.5	0.5	0.4	0.7	0.6	0.6
Premature rupture of membrane (> 12 hours)	1.6	1.6	1.4	1.2	1.4	1.2	1.6	2.3
Prolonged labor (> 20 hours)	0.3	0.3	0.5	0.6	0.5	0.3	0.3	0.2
Seizures during labor	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Other	16.5	16.5	22.1	21.9	22.1	20.6	14.8	12.1
Hispanic								
Abruptio placenta	0.3	0.3	0.4	0.6	0.2	0.2	0.3	0.2
Anesthetic complications	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Breech/malpresentation	3.1	3.1	2.1	2.6	1.9	2.3	3.3	5.1
Cephalopelvic disproportion	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.0
Cord prolapse	0.1	0.1	0.1	0.0	0.2	0.1	0.1	0.1
Dysfunctional labor	3.8	3.8	4.2	3.7	4.5	3.9	3.6	4.0
Febrile	2.2	2.2	3.0	2.9	3.0	2.5	1.9	1.5
Fetal distress	4.2	4.2	5.2	4.6	5.5	3.9	3.8	5.3
Meconium, moderate or heavy	5.4	5.4	6.5	6.2	6.7	5.0	5.4	5.0
Other excessive bleeding	0.9	0.9	0.6	0.7	0.5	0.7	1.0	1.3
Placenta previa	0.3	0.3	0.1	0.1	0.1	0.2	0.4	0.7
Precipitous labor (< 3 hours)	0.5	0.5	0.1	0.0	0.2	0.4	0.6	0.4
Premature rupture of membrane (> 12 hours)	1.2	1.2	1.4	1.6	1.3	1.3	1.1	1.5
Prolonged labor (> 20 hours)	0.2	0.2	0.5	0.4	0.5	0.2	0.2	0.1
Seizures during labor	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Other	15.8	15.8	17.4	17.6	17.4	15.7	15.4	15.9
Non-Hispanic Asian								
Abruptio placenta	0.4	0.4	0.0	0.0	0.0	0.5	0.3	0.8
Anesthetic complications	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Breech/malpresentation	3.9	3.9	0.0	0.0	0.0	2.9	3.2	6.3
Cephalopelvic disproportion	0.3	0.3	0.0	0.0	0.0	1.4	0.2	0.2
Cord prolapse	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Dysfunctional labor	6.8	6.8	3.6	0.0	4.8	4.8	7.0	7.1
Febrile	4.8	4.8	3.6	0.0	4.8	1.9	5.3	4.5
Fetal distress	4.8	4.8	0.0	0.0	0.0	3.8	4.8	5.3
Meconium, moderate or heavy	3.7	3.7	3.6	0.0	4.8	2.9	3.8	3.8
Other excessive bleeding	2.5	2.5	0.0	0.0	0.0	0.5	2.3	4.0
Placenta previa	0.7	0.7	0.0	0.0	0.0	0.0	0.3	2.0
Precipitous labor (< 3 hours)	0.3	0.3	0.0	0.0	0.0	1.0	0.1	0.5
Premature rupture of membrane (> 12 hours)	2.1	2.1	0.0	0.0	0.0	1.0	1.9	3.1
Prolonged labor (> 20 hours)	0.2	0.2	0.0	0.0	0.0	0.0	0.3	0.2
Seizures during labor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	10.3	10.2	10.7	0.0	14.3	15.7	10.3	8.1

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Table 50. Percent of births to women who experienced complications during labor and delivery by age and race-ethnicity of mother, Chicago, 2009 (continued)

Labor and delivery complications and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
Non-Hispanic Black								
Abruptio placenta	0.5	0.5	0.4	0.5	0.3	0.6	0.5	0.3
Anesthetic complications	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Breech/malpresentation	3.1	3.1	2.1	2.1	2.0	2.0	3.8	6.3
Cephalopelvic disproportion	0.2	0.2	0.4	0.5	0.3	0.1	0.2	0.2
Cord prolapse	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Dysfunctional labor	3.3	3.3	3.6	2.7	4.0	2.7	3.3	4.2
Febrile	1.7	1.7	2.0	2.0	2.0	1.6	1.6	1.4
Fetal distress	5.6	5.6	5.9	5.9	5.9	5.7	5.2	6.5
Meconium, moderate or heavy	6.0	6.0	6.0	6.2	5.9	6.7	5.7	4.9
Other excessive bleeding	0.7	0.7	0.5	0.2	0.6	0.6	0.7	1.6
Placenta previa	0.2	0.2	0.1	0.1	0.0	0.1	0.3	0.1
Precipitous labor (< 3 hours)	1.0	1.0	0.7	0.9	0.6	1.1	0.9	1.6
Premature rupture of membrane (> 12 hours)	1.3	1.3	1.4	1.0	1.6	1.1	1.2	1.9
Prolonged labor (> 20 hours)	0.5	0.5	0.6	0.8	0.5	0.5	0.4	0.3
Seizures during labor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	24.5	24.5	25.2	25.4	25.1	26.0	23.4	21.9
Non-Hispanic White								
Abruptio placenta	0.4	0.3	0.0	0.0	0.0	0.3	0.3	0.4
Anesthetic complications	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Breech/malpresentation	5.6	5.6	3.1	2.0	3.5	4.3	5.3	6.6
Cephalopelvic disproportion	0.3	0.3	0.0	0.0	0.0	0.3	0.2	0.6
Cord prolapse	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Dysfunctional labor	7.3	7.3	5.2	10.0	3.5	5.9	7.0	8.5
Febrile	4.1	4.2	4.2	4.0	4.2	3.1	4.2	4.2
Fetal distress	4.4	4.4	3.1	4.0	2.8	4.0	4.3	4.8
Meconium, moderate or heavy	3.6	3.6	4.2	2.0	4.9	3.0	3.7	3.4
Other excessive bleeding	2.9	2.8	1.6	0.0	2.1	0.8	2.9	3.4
Placenta previa	0.6	0.6	0.5	0.0	0.7	0.1	0.6	0.7
Precipitous labor (< 3 hours)	0.4	0.4	0.0	0.0	0.0	0.1	0.4	0.4
Premature rupture of membrane (> 12 hours)	2.4	2.4	0.5	0.0	0.7	1.8	2.3	2.9
Prolonged labor (> 20 hours)	0.3	0.3	0.0	0.0	0.0	0.4	0.3	0.3
Seizures during labor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	9.0	9.0	21.4	14.0	23.9	16.0	8.9	6.7

Table 51. Births by gestational age and age and race-ethnicity of mother, Chicago, 2009

Period of gestation (weeks) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Preterm								
< 28	450	448	61	26	35	89	215	83
28-31	547	537	79	27	52	121	237	100
Total < 32	997	985	140	53	87	210	452	183
32-33	548	540	65	24	41	130	228	117
34-36	3,240	3,221	363	121	242	690	1,502	666
Total < 37	4,785	4,746	568	198	370	1,030	2,182	966
Term								
37-41	39,219	39,091	4,610	1,535	3,075	8,592	19,636	6,253
Early								
37-38	10,807	10,767	1,189	376	813	2,354	5,333	1,891
Full								
39	13,662	13,618	1,435	449	986	2,827	7,011	2,345
40-41	14,750	14,706	1,986	710	1,276	3,411	7,292	2,017
Postterm								
≥ 42	159	159	25	10	15	36	74	24
Hispanic								
Preterm								
< 28	107	106	15	9	6	14	53	24
28-31	138	136	16	7	9	30	70	20
Total < 32	245	242	31	16	15	44	123	44
32-33	146	145	14	7	7	38	65	28
34-36	969	965	116	43	73	221	463	165
Total < 37	1,360	1,352	161	66	95	303	651	237
Term								
37-41	14,107	14,071	1,765	617	1,148	3,734	6,814	1,758
Early								
37-38	3,868	3,858	418	136	282	993	1,891	556
Full								
39	4,709	4,699	528	180	348	1,173	2,360	638
40-41	5,530	5,514	819	301	518	1,568	2,563	564
Postterm								
≥ 42	38	38	10	3	7	8	16	4
Non-Hispanic Asian								
Preterm								
< 28	12	--	--	--	--	0	4	8
28-31	16	--	--	--	--	1	6	9
Total < 32	28	--	--	--	--	1	10	17
32-33	16	--	--	--	--	1	9	6
34-36	150	--	--	--	--	10	86	50
Total < 37	194	--	--	--	--	12	105	73
Term								
37-41	2,188	--	--	--	--	196	1,434	528
Early								
37-38	699	--	--	--	--	58	436	198
Full								
39	806	--	--	--	--	67	539	189
40-41	683	--	--	--	--	71	459	141
Postterm								
≥ 42	8	--	--	--	--	2	4	2

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Table 51. Births by gestational age and age and race-ethnicity of mother, Chicago, 2009 (continued)

Period of gestation (weeks) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
Non-Hispanic Black								
Preterm								
< 28	266	265	45	17	28	68	114	38
28-31	282	279	61	20	41	87	98	33
Total < 32	548	544	106	37	69	155	212	71
32-33	264	262	50	16	34	79	96	37
34-36	1,302	1,298	233	75	158	394	482	189
Total < 37	2,114	2,104	389	128	261	628	790	297
Term								
37-41	12,209	12,166	2,634	862	1,772	3,934	4,555	1,043
Early								
37-38	3,660	3,649	720	228	492	1,136	1,399	394
Full								
39	4,122	4,104	832	251	581	1,360	1,571	341
40-41	4,427	4,413	1,082	383	699	1,438	1,585	308
Postterm								
≥ 42	52	52	14	6	8	21	16	1
Non-Hispanic White								
Preterm								
< 28	59	59	1	0	1	7	41	10
28-31	104	101	2	0	2	3	59	37
Total < 32	163	160	3	0	3	10	100	47
32-33	118	113	1	1	0	12	56	44
34-36	785	778	10	1	9	59	455	254
Total < 37	1,066	1,051	14	2	12	81	611	345
Term								
37-41	10,492	10,448	175	47	128	708	6,701	2,864
Early								
37-38	2,502	2,485	42	11	31	162	1,560	721
Full								
39	3,954	3,940	62	15	47	219	2,503	1,156
40-41	4,036	4,023	71	21	50	327	2,638	987
Postterm								
≥ 42	59	59	1	1	0	4	37	17

Table 52. Percent of births by gestational age and age and race-ethnicity of mother, Chicago, 2009

Period of gestation (weeks) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Preterm								
< 28	1.0	1.0	1.2	1.5	1.0	0.9	1.0	1.1
28-31	1.2	1.2	1.5	1.5	1.5	1.2	1.1	1.4
Total < 32	2.2	2.2	2.7	3.0	2.5	2.1	2.1	2.5
32-33	1.2	1.2	1.2	1.4	1.2	1.3	1.0	1.6
34-36	7.3	7.3	6.9	6.9	6.9	7.1	6.8	9.1
Total < 37	10.7	10.7	10.8	11.3	10.6	10.5	9.9	13.2
Term								
37-41	88.2	88.3	87.7	87.0	88.2	88.4	89.2	85.9
Early								
37-38	24.3	24.3	22.6	21.3	23.3	24.2	24.2	26.0
Full								
39	30.7	30.8	27.3	25.5	28.3	29.1	31.9	32.2
40-41	33.2	33.2	37.8	40.2	36.6	35.1	33.1	27.7
Postterm								
≥ 42	0.4	0.4	0.5	0.6	0.4	0.4	0.3	0.3
Hispanic								
Preterm								
< 28	0.7	0.7	0.8	1.3	0.5	0.3	0.7	1.2
28-31	0.9	0.9	0.8	1.0	0.7	0.7	0.9	1.0
Total < 32	1.6	1.6	1.6	2.3	1.2	1.0	1.6	2.2
32-33	0.9	0.9	0.7	1.0	0.6	0.9	0.9	1.4
34-36	6.2	6.2	5.9	6.2	5.8	5.4	6.1	8.2
Total < 37	8.7	8.7	8.2	9.5	7.6	7.3	8.6	11.8
Term								
37-41	90.1	90.1	90.2	88.8	90.9	91.1	90.2	87.0
Early								
37-38	24.7	24.7	21.4	19.6	22.3	24.2	25.0	27.5
Full								
39	30.1	30.1	27.0	25.9	27.6	28.6	31.3	31.6
40-41	35.3	35.3	41.8	43.3	41.0	38.3	33.9	27.9
Postterm								
≥ 42	0.2	0.2	0.5	0.4	0.6	0.2	0.2	0.2
Non-Hispanic Asian								
Preterm								
< 28	0.5	--	--	--	--	0.0	0.3	1.3
28-31	0.7	--	--	--	--	0.5	0.4	1.5
Total < 32	1.2	--	--	--	--	0.5	0.7	2.8
32-33	0.7	--	--	--	--	0.5	0.6	1.0
34-36	6.3	--	--	--	--	4.8	5.5	8.3
Total < 37	8.2	--	--	--	--	5.8	6.8	12.1
Term								
37-41	91.2	--	--	--	--	93.3	92.5	87.2
Early								
37-38	29.1	--	--	--	--	27.6	28.1	32.7
Full								
39	33.6	--	--	--	--	31.9	34.8	31.2
40-41	28.5	--	--	--	--	33.8	29.6	23.3
Postterm								
≥ 42	0.3	--	--	--	--	1.0	0.3	0.3

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Table 52. Percent of births by gestational age and age and race-ethnicity of mother, Chicago, 2009 (continued)

Period of gestation (weeks) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
Non-Hispanic Black								
Preterm								
< 28	1.8	1.8	1.5	1.7	1.4	1.5	2.1	2.8
28-31	2.0	1.9	2.0	2.0	2.0	1.9	1.8	2.4
Total < 32	3.8	3.7	3.5	3.7	3.4	3.4	3.9	5.2
32-33	1.8	1.8	1.6	1.6	1.7	1.7	1.8	2.7
34-36	9.0	9.0	7.6	7.4	7.7	8.6	8.9	14.0
Total < 37	14.6	14.5	12.7	12.7	12.8	13.7	14.6	21.9
Term								
37-41	84.4	84.5	86.0	85.5	86.3	85.6	84.6	77.5
Early								
37-38	25.3	25.3	23.5	22.6	24.0	24.7	26.0	29.3
Full								
39	28.5	28.5	27.2	24.9	28.3	29.6	29.2	25.3
40-41	30.6	30.7	35.3	38.0	34.0	31.3	29.4	22.9
Postterm								
≥ 42	0.4	0.4	0.5	0.6	0.4	0.5	0.3	0.1
Non-Hispanic White								
Preterm								
< 28	0.5	0.5	0.5	0.0	0.7	0.9	0.6	0.3
28-31	0.9	0.9	1.0	0.0	1.4	0.4	0.8	1.1
Total < 32	1.4	1.4	1.5	0.0	2.1	1.3	1.4	1.4
32-33	1.0	1.0	0.5	2.0	0.0	1.5	0.8	1.4
34-36	6.7	6.7	5.2	2.0	6.3	7.4	6.2	7.9
Total < 37	9.1	9.1	7.2	4.0	8.4	10.2	8.4	10.7
Term								
37-41	90.2	90.2	91.2	94.0	90.1	89.0	91.0	88.5
Early								
37-38	21.5	21.5	21.9	22.0	21.8	20.4	21.2	22.3
Full								
39	34.0	34.0	32.3	30.0	33.1	27.5	34.0	35.7
40-41	34.7	34.7	37.0	42.0	35.2	41.1	35.8	30.5
Postterm								
≥ 42	0.5	0.5	0.5	2.0	0.0	0.5	0.5	0.5

Table 53. Births delivered preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	5,719	5,671	1,082	422	660	1,385	2,409	795
2000	5,742	5,691	934	400	534	1,485	2,507	765
2001	5,579	5,522	918	383	535	1,381	2,410	813
2002	5,462	5,418	764	311	453	1,407	2,397	850
2003	5,487	5,453	724	272	452	1,342	2,446	941
2004	5,417	5,379	777	311	466	1,297	2,437	868
2005	5,354	5,313	730	292	438	1,217	2,447	919
2006	5,346	5,304	717	288	429	1,237	2,415	935
2007	5,278	5,227	747	265	482	1,239	2,377	864
2008	5,002	4,950	623	249	374	1,070	2,352	905
2009	4,785	4,746	568	198	370	1,030	2,182	966
Hispanic								
1999	1,537	1,522	288	112	176	469	602	163
2000	1,621	1,610	265	110	155	488	695	162
2001	1,579	1,569	264	94	170	415	700	190
2002	1,567	1,553	210	93	117	424	710	209
2003	1,593	1,587	212	78	134	440	726	209
2004	1,628	1,618	246	106	140	433	731	208
2005	1,571	1,560	215	82	133	399	730	216
2006	1,571	1,566	196	73	123	396	726	248
2007	1,624	1,611	231	74	157	419	731	230
2008	1,481	1,470	195	89	106	357	697	221
2009	1,360	1,352	161	66	95	303	651	237
Non-Hispanic Asian								
1999	157	157	6	2	4	22	93	36
2000	164	164	10	4	6	23	105	26
2001	180	179	10	3	7	21	122	26
2002	196	193	6	--	--	25	123	39
2003	191	191	8	1	7	26	114	43
2004	181	181	2	1	1	8	125	46
2005	198	196	6	3	3	19	134	37
2006	210	210	3	0	3	20	131	56
2007	209	208	1	0	1	23	142	42
2008	226	226	2	0	2	24	132	68
2009	194	192	2	--	--	12	105	73
Non-Hispanic Black								
1999	3,134	3,109	741	294	447	801	1,205	362
2000	2,973	2,940	618	273	345	851	1,147	324
2001	2,836	2,799	599	267	332	843	1,021	336
2002	2,675	2,652	517	206	311	853	997	285
2003	2,656	2,636	474	180	294	797	1,019	346
2004	2,570	2,552	504	197	307	764	989	295
2005	2,513	2,489	485	203	282	718	962	324
2006	2,486	2,462	490	208	282	734	923	315
2007	2,449	2,426	496	185	311	707	923	300
2008	2,191	2,170	403	152	251	619	854	294
2009	2,114	2,104	389	128	261	628	790	297
Non-Hispanic White								
1999	883	875	46	14	32	91	505	233
2000	969	962	37	11	26	120	554	251
2001	973	964	44	19	25	101	562	257
2002	1,011	1,007	31	10	21	102	561	313
2003	1,037	1,029	28	12	16	78	582	341
2004	1,025	1,016	24	7	17	91	585	316
2005	1,055	1,051	22	4	18	81	611	337
2006	1,065	1,052	27	7	20	84	626	315
2007	977	964	19	6	13	87	569	289
2008	1,052	1,033	18	4	14	64	645	306
2009	1,066	1,051	14	2	12	81	611	345

* Gestational age less than 37 weeks.

Table 54. Percent of births delivered preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	11.3	11.3	12.8	13.2	12.7	10.2	10.7	13.8
2000	11.3	11.2	11.7	12.8	11.0	10.7	11.0	12.8
2001	11.3	11.2	12.3	13.6	11.5	10.4	10.8	13.1
2002	11.4	11.4	11.3	12.1	10.9	11.0	10.9	13.8
2003	11.4	11.4	11.4	11.4	11.4	10.7	11.0	14.1
2004	11.6	11.6	12.5	13.1	12.1	11.1	11.1	13.3
2005	11.8	11.8	12.4	12.6	12.3	10.9	11.3	14.1
2006	11.7	11.6	11.7	12.2	11.3	11.0	11.2	13.8
2007	11.4	11.4	12.1	11.5	12.4	11.4	10.8	12.5
2008	11.0	11.0	10.9	12.3	10.2	10.4	10.7	12.7
2009	10.8	10.7	10.8	11.2	10.6	10.6	9.9	13.3
Hispanic								
1999	8.6	8.5	9.9	10.1	9.8	8.2	7.8	10.4
2000	8.7	8.7	9.1	10.5	8.3	8.4	8.6	10.2
2001	8.5	8.5	9.3	9.5	9.2	7.3	8.4	11.1
2002	8.6	8.6	8.0	9.5	7.0	7.6	8.6	12.4
2003	8.7	8.7	8.6	9.1	8.3	8.0	8.6	11.5
2004	9.1	9.1	9.8	11.4	8.9	8.3	8.9	11.3
2005	9.1	9.0	9.2	9.1	9.2	8.0	9.0	11.9
2006	9.0	9.0	8.2	8.3	8.2	7.8	9.0	12.8
2007	9.3	9.3	9.5	8.1	10.4	8.7	9.0	11.5
2008	8.9	8.9	8.8	11.3	7.4	7.9	8.9	11.1
2009	8.7	8.7	8.2	9.5	7.5	7.4	8.6	11.7
Non-Hispanic Asian								
1999	7.7	7.8	9.7	10.0	9.5	7.5	6.8	12.1
2000	7.7	7.7	16.7	33.3	12.5	7.5	7.5	7.5
2001	9.1	9.0	15.6	25.0	13.5	7.2	9.3	8.2
2002	9.8	9.7	19.4	--	--	9.5	9.2	10.9
2003	8.9	8.9	19.5	8.3	24.1	8.7	8.1	10.6
2004	8.5	8.5	4.3	5.9	3.4	3.2	8.7	11.4
2005	9.2	9.2	18.8	23.1	15.8	7.5	9.4	8.7
2006	9.7	9.7	7.9	0.0	10.7	9.2	9.1	11.7
2007	9.1	9.1	3.3	0.0	4.0	9.8	9.5	7.7
2008	9.6	9.6	7.1	0.0	10.5	11.4	8.7	11.5
2009	8.1	8.0	7.1	--	--	5.7	6.8	12.1
Non-Hispanic Black								
1999	15.7	15.7	14.9	15.1	14.8	13.0	17.2	22.1
2000	15.3	15.3	13.6	14.2	13.2	13.7	16.7	19.7
2001	15.3	15.2	14.3	15.6	13.4	13.9	15.8	19.9
2002	15.5	15.5	13.9	13.7	14.0	15.1	16.2	18.5
2003	15.7	15.7	13.5	12.5	14.1	14.1	17.0	21.3
2004	15.9	15.9	14.9	14.5	15.2	14.5	16.9	19.8
2005	16.3	16.2	14.9	15.3	14.6	14.5	16.8	23.2
2006	15.8	15.8	14.2	14.8	13.7	14.8	16.1	22.1
2007	15.7	15.6	14.1	13.9	14.2	14.6	16.2	20.8
2008	14.6	14.6	12.4	13.0	12.0	13.2	15.4	20.9
2009	14.6	14.6	12.7	12.7	12.7	13.7	14.7	22.0
Non-Hispanic White								
1999	8.4	8.3	9.7	11.0	9.3	6.3	8.0	10.4
2000	9.1	9.0	8.9	9.2	8.7	8.3	8.6	10.5
2001	9.4	9.4	12.6	19.4	9.9	8.2	9.0	10.3
2002	9.6	9.6	9.1	12.0	8.2	8.2	8.9	12.2
2003	9.8	9.8	9.8	17.1	7.4	7.3	9.1	12.2
2004	9.9	9.8	8.8	10.9	8.2	9.1	9.3	11.4
2005	10.2	10.1	9.1	6.1	10.3	8.2	9.7	11.9
2006	10.3	10.2	10.8	10.9	10.8	8.7	10.1	10.9
2007	9.1	9.0	9.0	10.3	8.5	9.6	8.5	10.0
2008	9.4	9.3	9.5	7.1	10.5	7.8	9.2	9.9
2009	9.2	9.1	7.3	4.0	8.5	10.2	8.3	10.7

* Gestational age less than 37 weeks.

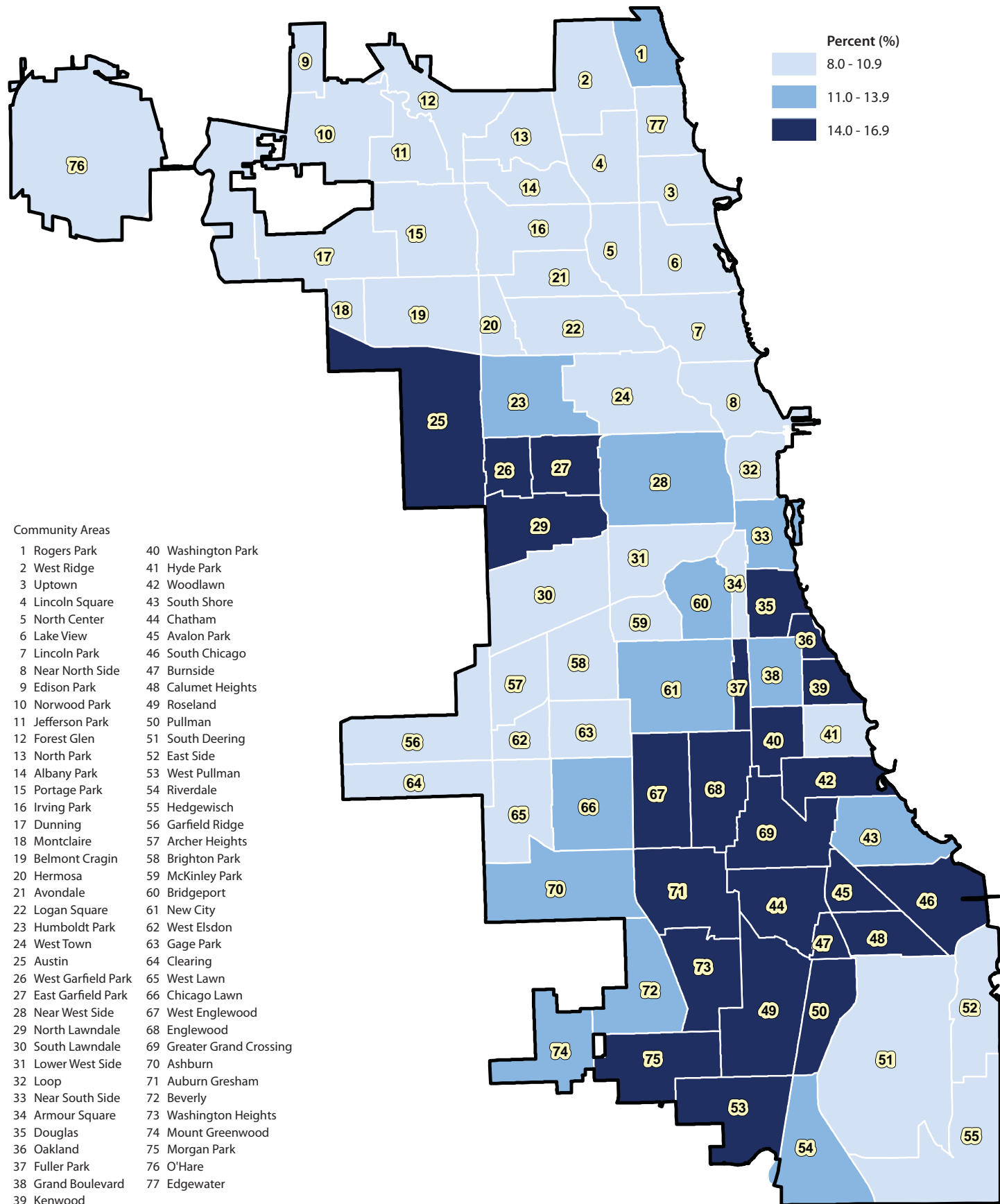
Table 55. Average annual births and percent of births delivered preterm* by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	100	11.0 (10.1, 11.9)	40 Washington Park	40	16.1 (14.1, 18.1)
2 West Ridge	111	9.1 (8.4, 9.8)	41 Hyde Park	25	9.2 (7.7, 10.7)
3 Uptown	83	10.8 (9.8, 11.8)	42 Woodlawn	64	16.0 (14.4, 17.6)
4 Lincoln Square	65	10.3 (9.2, 11.4)	43 South Shore	116	13.4 (12.4, 14.4)
5 North Center	67	10.1 (9.1, 11.1)	44 Chatham	72	15.6 (14.1, 17.1)
6 Lake View	106	9.1 (8.4, 9.8)	45 Avalon Park	19	15.7 (12.8, 18.6)
7 Lincoln Park	79	9.6 (8.7, 10.5)	46 South Chicago	90	15.1 (13.8, 16.4)
8 Near North Side	84	10.5 (9.5, 11.5)	47 Burnside	7	15.7 (11.0, 20.4)
9 Edison Park	14	10.3 (8.0, 12.6)	48 Calumet Heights	26	16.3 (13.7, 18.9)
10 Norwood Park	42	10.3 (9.0, 11.6)	49 Roseland	102	14.8 (13.6, 16)
11 Jefferson Park	32	9.5 (8.1, 10.9)	50 Pullman	17	14.1 (11.3, 16.9)
12 Forest Glen	20	9.6 (7.8, 11.4)	51 South Deering	25	10.6 (8.8, 12.4)
13 North Park	22	9.8 (8.0, 11.6)	52 East Side	41	9.5 (8.3, 10.7)
14 Albany Park	83	8.6 (7.8, 9.4)	53 West Pullman	87	15.8 (14.4, 17.2)
15 Portage Park	92	9.7 (8.9, 10.5)	54 Riverdale	12	13.4 (10.3, 16.5)
16 Irving Park	92	10.2 (9.3, 11.1)	55 Hegewisch	12	10.1 (7.7, 12.5)
17 Dunning	52	10.7 (9.5, 11.9)	56 Garfield Ridge	44	9.0 (7.9, 10.1)
18 Montclair	22	9.9 (8.1, 11.7)	57 Archer Heights	24	8.8 (7.3, 10.3)
19 Belmont Cragin	152	9.3 (8.7, 9.9)	58 Brighton Park	88	8.7 (7.9, 9.5)
20 Hermosa	48	9.0 (7.9, 10.1)	59 McKinley Park	24	8.9 (7.4, 10.4)
21 Avondale	68	8.9 (8.0, 9.8)	60 Bridgeport	47	11.0 (9.7, 12.3)
22 Logan Square	124	9.1 (8.4, 9.8)	61 New City	122	11.4 (10.5, 12.3)
23 Humboldt park	154	12.4 (11.6, 13.2)	62 West Elsdon	32	9.2 (7.8, 10.6)
24 West Town	141	9.7 (9.0, 10.4)	63 Gage Park	77	8.0 (7.2, 8.8)
25 Austin	265	14.1 (13.4, 14.8)	64 Clearing	33	10.2 (8.7, 11.7)
26 West Garfield Park	63	16.1 (14.5, 17.7)	65 West Lawn	53	8.3 (7.3, 9.3)
27 East Garfield Park	65	16.3 (14.7, 17.9)	66 Chicago Lawn	151	12.3 (11.5, 13.1)
28 Near West Side	98	11.7 (10.7, 12.7)	67 West Englewood	121	15.6 (14.5, 16.7)
29 North Lawndale	119	15.8 (14.6, 17)	68 Englewood	104	15.5 (14.3, 16.7)
30 South Lawndale	153	8.9 (8.3, 9.5)	69 Greater Grand Crossing	95	16.1 (14.8, 17.4)
31 Lower West Side	69	9.9 (8.9, 10.9)	70 Ashburn	75	12.3 (11.1, 13.5)
32 Loop	22	10.4 (8.5, 12.3)	71 Auburn Gresham	119	15.5 (14.4, 16.6)
33 Near South Side	39	11.6 (10.1, 13.1)	72 Beverly	27	11.2 (9.4, 13.0)
34 Armour Square	14	10.0 (7.8, 12.2)	73 Washington Heights	57	16.1 (14.4, 17.8)
35 Douglas	34	15.0 (12.9, 17.1)	74 Mount Greenwood	30	12.3 (10.5, 14.1)
36 Oakland	15	15.0 (11.8, 18.2)	75 Morgan Park	48	15.6 (13.8, 17.4)
37 Fuller Park	7	16.3 (11.4, 21.2)	76 O'Hare	16	8.3 (6.6, 10.0)
38 Grand Boulevard	41	13.1 (11.4, 14.8)	77 Edgewater	65	9.3 (8.3, 10.3)
39 Kenwood	32	14.1 (12.1, 16.1)	Chicago	5,153	11.3 (11.2, 11.4)

* Gestational age less than 37 weeks.

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Figure 9. Average annual percent of births delivered preterm* by community area of residence of mother, Chicago, 2005-2009



* Gestational age less than 37 weeks.

Table 56. Singleton births delivered preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	4,880	4,836	979	391	588	1,200	2,025	632
2000	4,836	4,791	863	376	487	1,276	2,030	622
2001	4,617	4,570	829	350	479	1,158	1,925	658
2002	4,539	4,504	693	288	405	1,184	1,975	652
2003	4,457	4,429	645	245	400	1,127	1,949	708
2004	4,453	4,430	710	281	429	1,105	1,952	663
2005	4,367	4,336	657	263	394	1,019	1,964	696
2006	4,316	4,286	644	265	379	1,038	1,924	680
2007	4,324	4,287	661	252	409	1,049	1,877	700
2008	4,041	4,010	559	234	325	927	1,852	672
2009	3,782	3,759	512	180	332	859	1,664	724
Hispanic								
1999	1,352	1,337	262	104	158	410	527	138
2000	1,412	1,401	241	104	137	424	593	143
2001	1,366	1,356	238	88	150	358	591	169
2002	1,368	1,359	198	89	109	373	605	183
2003	1,360	1,354	190	66	124	388	602	174
2004	1,403	1,395	222	100	122	389	614	170
2005	1,387	1,378	198	76	122	343	651	186
2006	1,327	1,324	171	64	107	340	622	191
2007	1,384	1,375	202	70	132	367	604	202
2008	1,259	1,252	184	83	101	311	582	175
2009	1,159	1,151	153	62	91	254	537	207
Non-Hispanic Asian								
1999	140	140	6	2	4	18	82	34
2000	140	140	10	4	6	21	87	22
2001	153	152	8	3	5	20	100	24
2002	171	168	4	--	--	21	108	35
2003	162	162	8	1	7	26	95	33
2004	151	151	2	1	1	7	105	37
2005	169	167	6	3	3	15	117	29
2006	159	159	3	0	3	14	98	44
2007	182	181	1	0	1	23	119	38
2008	191	191	2	0	2	22	113	54
2009	151	151	2	--	--	8	87	54
Non-Hispanic Black								
1999	2,724	2,699	668	273	395	692	1,037	302
2000	2,559	2,530	571	255	316	721	956	282
2001	2,399	2,366	540	242	298	699	843	284
2002	2,299	2,278	460	187	273	703	863	252
2003	2,227	2,209	418	165	253	646	843	302
2004	2,202	2,189	462	173	289	639	826	262
2005	2,102	2,082	433	180	253	593	791	265
2006	2,112	2,088	444	194	250	609	780	255
2007	2,034	2,015	444	176	268	581	733	257
2008	1,841	1,826	354	143	211	530	692	250
2009	1,769	1,759	343	114	229	527	643	246
Non-Hispanic White								
1999	656	652	42	12	30	78	375	157
2000	710	705	37	11	26	107	388	173
2001	688	685	42	17	25	80	386	177
2002	690	688	31	10	21	84	393	180
2003	700	696	27	12	15	66	404	199
2004	689	688	23	7	16	69	403	193
2005	701	701	20	4	16	68	399	214
2006	709	706	25	7	18	72	420	189
2007	711	704	14	6	8	75	414	201
2008	708	699	14	4	10	58	444	183
2009	672	667	12	2	10	64	380	211

*Gestational age less than 37 weeks.

Table 57. Percent of singleton births delivered preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	9.7	9.6	11.6	12.2	11.3	8.8	9.0	11.0
2000	9.5	9.5	10.8	12.1	10.1	9.2	8.9	10.4
2001	9.3	9.3	11.1	12.4	10.3	8.7	8.6	10.6
2002	9.5	9.4	10.3	11.2	9.7	9.3	8.9	10.6
2003	9.3	9.3	10.2	10.3	10.1	9.0	8.7	10.6
2004	9.6	9.6	11.4	11.8	11.2	9.4	8.9	10.2
2005	9.6	9.6	11.2	11.4	11.0	9.1	9.1	10.7
2006	9.4	9.4	10.5	11.2	10.0	9.2	9.0	10.1
2007	9.4	9.3	10.7	10.9	10.6	9.7	8.5	10.1
2008	8.9	8.9	9.8	11.5	8.8	9.0	8.4	9.4
2009	8.5	8.5	9.8	10.2	9.5	8.8	7.6	9.9
Hispanic								
1999	7.5	7.5	9.0	9.4	8.8	7.2	6.9	8.8
2000	7.6	7.6	8.2	9.9	7.3	7.3	7.3	9.0
2001	7.3	7.3	8.4	8.9	8.1	6.3	7.1	9.9
2002	7.5	7.5	7.5	9.1	6.6	6.7	7.3	10.9
2003	7.4	7.4	7.7	7.7	7.7	7.1	7.1	9.6
2004	7.9	7.9	8.9	10.8	7.7	7.5	7.5	9.3
2005	8.0	8.0	8.4	8.4	8.4	6.9	8.0	10.2
2006	7.6	7.6	7.2	7.3	7.1	6.7	7.7	9.9
2007	8.0	7.9	8.3	7.6	8.8	7.6	7.4	10.1
2008	7.6	7.6	8.3	10.5	7.1	6.9	7.4	8.8
2009	7.4	7.4	7.8	8.9	7.2	6.2	7.1	10.2
Non-Hispanic Asian								
1999	6.9	6.9	9.7	10.0	9.5	6.1	6.0	11.4
2000	6.6	6.6	16.7	33.3	12.5	6.8	6.2	6.3
2001	7.7	7.7	12.5	25.0	9.6	6.9	7.6	7.6
2002	8.6	8.4	12.9	--	--	8.0	8.0	9.8
2003	7.5	7.5	19.5	8.3	24.1	8.7	6.8	8.1
2004	7.1	7.1	4.3	5.9	3.4	2.8	7.3	9.2
2005	7.9	7.8	18.8	23.1	15.8	6.0	8.2	6.8
2006	7.3	7.3	7.9	0.0	10.7	6.5	6.8	9.2
2007	7.9	7.9	3.3	0.0	4.0	9.8	8.0	7.0
2008	8.1	8.1	7.1	0.0	10.5	10.4	7.4	9.1
2009	6.3	6.3	7.1	--	--	3.8	5.6	8.9
Non-Hispanic Black								
1999	13.7	13.6	13.4	14.0	13.0	11.2	14.8	18.4
2000	13.2	13.1	12.6	13.2	12.1	11.6	13.9	17.1
2001	12.9	12.8	12.9	14.2	12.1	11.5	13.0	16.8
2002	13.4	13.4	12.3	12.5	12.3	12.4	14.0	16.4
2003	13.2	13.2	11.9	11.5	12.2	11.5	14.0	18.6
2004	13.6	13.7	13.7	12.7	14.3	12.1	14.1	17.6
2005	13.6	13.6	13.3	13.6	13.1	12.0	13.8	19.0
2006	13.5	13.4	12.8	13.8	12.2	12.3	13.6	17.9
2007	13.0	13.0	12.6	13.2	12.3	12.0	12.8	17.8
2008	12.3	12.2	10.9	12.3	10.1	11.3	12.5	17.8
2009	12.2	12.2	11.2	11.3	11.1	11.5	11.9	18.3
Non-Hispanic White								
1999	6.2	6.2	8.9	9.4	8.7	5.4	5.9	7.0
2000	6.6	6.6	8.9	9.2	8.7	7.4	6.1	7.2
2001	6.7	6.7	12.0	17.3	9.9	6.5	6.2	7.1
2002	6.6	6.6	9.1	12.0	8.2	6.8	6.2	7.0
2003	6.6	6.6	9.4	17.1	6.9	6.1	6.3	7.1
2004	6.6	6.7	8.5	10.9	7.7	6.9	6.4	7.0
2005	6.7	6.8	8.3	6.1	9.1	6.9	6.3	7.6
2006	6.8	6.8	10.0	10.9	9.7	7.5	6.8	6.5
2007	6.6	6.6	6.6	10.3	5.2	8.3	6.2	7.0
2008	6.3	6.3	7.4	7.1	7.5	7.1	6.3	5.9
2009	5.8	5.8	6.3	4.0	7.0	8.0	5.2	6.5

*Gestational age less than 37 weeks.

Table 58. Births delivered very preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	1,316	1,304	235	99	136	326	544	199
2000	1,185	1,166	190	82	108	290	537	149
2001	1,108	1,095	186	90	96	270	468	171
2002	1,130	1,123	175	76	99	291	489	168
2003	1,142	1,135	170	78	92	269	531	165
2004	1,030	1,021	143	59	84	251	447	180
2005	1,074	1,062	172	66	106	232	480	178
2006	1,082	1,076	142	58	84	219	510	205
2007	1,072	1,058	184	53	131	267	443	164
2008	984	972	134	49	85	227	456	155
2009	997	985	140	53	87	210	452	183
Hispanic								
1999	303	299	51	20	31	92	119	37
2000	256	255	45	19	26	74	113	23
2001	258	258	42	15	27	58	114	44
2002	268	266	42	20	22	64	125	35
2003	253	252	37	17	20	67	125	23
2004	239	239	30	11	19	73	105	31
2005	289	285	48	13	35	60	127	50
2006	286	283	37	17	20	58	137	51
2007	277	275	45	8	37	67	121	42
2008	269	267	33	14	19	71	129	34
2009	245	242	31	16	15	44	123	44
Non-Hispanic Asian								
1999	35	35	1	1	0	7	16	11
2000	20	20	1	0	1	3	11	5
2001	31	31	2	0	2	2	25	2
2002	26	25	3	0	3	3	9	10
2003	28	28	1	0	1	3	18	6
2004	32	32	0	0	0	2	17	13
2005	28	27	1	0	1	5	13	8
2006	31	31	0	0	0	0	20	11
2007	24	24	0	0	0	2	17	5
2008	28	28	0	0	0	1	16	11
2009	28	28	0	0	0	1	10	17
Non-Hispanic Black								
1999	823	817	174	73	101	212	332	99
2000	746	730	138	61	77	192	320	80
2001	661	650	136	71	65	187	248	79
2002	664	660	125	52	73	208	265	62
2003	670	664	120	55	65	185	285	74
2004	580	571	109	46	63	163	229	70
2005	605	598	120	53	67	158	246	74
2006	561	558	100	39	61	146	236	76
2007	627	616	137	44	93	179	219	81
2008	524	521	95	32	63	144	215	67
2009	548	544	106	37	69	155	212	71
Non-Hispanic White								
1999	154	152	9	5	4	14	77	52
2000	161	159	6	2	4	20	92	41
2001	155	153	6	4	2	23	79	45
2002	167	167	5	4	1	16	88	58
2003	189	189	11	5	6	14	102	62
2004	176	176	4	2	2	13	94	65
2005	149	149	3	0	3	9	91	46
2006	202	202	5	2	3	15	115	67
2007	136	135	2	1	1	18	80	35
2008	146	140	4	1	3	9	87	40
2009	163	160	3	0	3	10	100	47

*Gestational age less than 32 weeks.

Table 59. Percent of births delivered very preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	2.6	2.6	2.8	3.1	2.6	2.4	2.4	3.5
2000	2.3	2.3	2.4	2.6	2.2	2.1	2.4	2.5
2001	2.2	2.2	2.5	3.2	2.1	2.0	2.1	2.7
2002	2.4	2.4	2.6	3.0	2.4	2.3	2.2	2.7
2003	2.4	2.4	2.7	3.3	2.3	2.1	2.4	2.5
2004	2.2	2.2	2.3	2.5	2.2	2.1	2.0	2.8
2005	2.4	2.3	2.9	2.9	3.0	2.1	2.2	2.7
2006	2.4	2.4	2.3	2.5	2.2	2.0	2.4	3.0
2007	2.3	2.3	3.0	2.3	3.4	2.5	2.0	2.4
2008	2.2	2.2	2.3	2.4	2.3	2.2	2.1	2.2
2009	2.2	2.2	2.7	3.0	2.5	2.2	2.1	2.5
Hispanic								
1999	1.7	1.7	1.8	1.8	1.7	1.6	1.5	2.4
2000	1.4	1.4	1.5	1.8	1.4	1.3	1.4	1.4
2001	1.4	1.4	1.5	1.5	1.5	1.0	1.4	2.6
2002	1.5	1.5	1.6	2.0	1.3	1.2	1.5	2.1
2003	1.4	1.4	1.5	2.0	1.2	1.2	1.5	1.3
2004	1.3	1.3	1.2	1.2	1.2	1.4	1.3	1.7
2005	1.7	1.7	2.0	1.4	2.4	1.2	1.6	2.7
2006	1.6	1.6	1.6	1.9	1.3	1.1	1.7	2.6
2007	1.6	1.6	1.9	0.9	2.5	1.4	1.5	2.1
2008	1.6	1.6	1.5	1.8	1.3	1.6	1.6	1.7
2009	1.6	1.5	1.6	2.3	1.2	1.1	1.6	2.2
Non-Hispanic Asian								
1999	1.7	1.7	1.6	5.0	0.0	2.4	1.2	3.7
2000	0.9	0.9	1.7	0.0	2.1	1.0	0.8	1.4
2001	1.6	1.6	3.1	0.0	3.8	0.7	1.9	0.6
2002	1.3	1.3	9.7	0.0	13.6	1.1	0.7	2.8
2003	1.3	1.3	2.4	0.0	3.4	1.0	1.3	1.5
2004	1.5	1.5	0.0	0.0	0.0	0.8	1.2	3.2
2005	1.3	1.3	3.1	0.0	5.3	2.0	0.9	1.9
2006	1.4	1.4	0.0	0.0	0.0	0.0	1.4	2.3
2007	1.0	1.0	0.0	0.0	0.0	0.9	1.1	0.9
2008	1.2	1.2	0.0	0.0	0.0	0.5	1.1	1.9
2009	1.2	1.2	0.0	0.0	0.0	0.5	0.6	2.8
Non-Hispanic Black								
1999	4.1	4.1	3.5	3.7	3.3	3.4	4.7	6.0
2000	3.8	3.8	3.0	3.2	3.0	3.1	4.7	4.9
2001	3.6	3.5	3.3	4.2	2.6	3.1	3.8	4.7
2002	3.9	3.9	3.4	3.5	3.3	3.7	4.3	4.0
2003	4.0	4.0	3.4	3.8	3.1	3.3	4.7	4.5
2004	3.6	3.6	3.2	3.4	3.1	3.1	3.9	4.7
2005	3.9	3.9	3.7	4.0	3.5	3.2	4.3	5.3
2006	3.6	3.6	2.9	2.8	3.0	3.0	4.1	5.3
2007	4.0	4.0	3.9	3.3	4.3	3.7	3.8	5.6
2008	3.5	3.5	2.9	2.7	3.0	3.1	3.9	4.8
2009	3.8	3.8	3.5	3.7	3.4	3.4	3.9	5.3
Non-Hispanic White								
1999	1.5	1.4	1.9	3.9	1.2	1.0	1.2	2.3
2000	1.5	1.5	1.4	1.7	1.3	1.4	1.4	1.7
2001	1.5	1.5	1.7	4.1	0.8	1.9	1.3	1.8
2002	1.6	1.6	1.5	4.8	0.4	1.3	1.4	2.3
2003	1.8	1.8	3.8	7.1	2.8	1.3	1.6	2.2
2004	1.7	1.7	1.5	3.1	1.0	1.3	1.5	2.3
2005	1.4	1.4	1.2	0.0	1.7	0.9	1.4	1.6
2006	2.0	2.0	2.0	3.1	1.6	1.6	1.9	2.3
2007	1.3	1.3	0.9	1.7	0.7	2.0	1.2	1.2
2008	1.3	1.3	2.1	1.8	2.3	1.1	1.2	1.3
2009	1.4	1.4	1.6	0.0	2.1	1.3	1.4	1.5

*Gestational age less than 32 weeks.

Table 60. Singleton births delivered very preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	1,036	1,026	197	86	111	271	421	137
2000	969	952	181	79	102	220	425	126
2001	878	869	163	81	82	217	359	130
2002	880	873	141	62	79	238	381	113
2003	883	878	143	67	76	214	394	127
2004	785	779	128	49	79	198	324	129
2005	825	815	139	55	84	177	360	139
2006	817	813	128	52	76	177	371	137
2007	808	796	147	52	95	215	300	134
2008	781	776	121	47	74	188	341	126
2009	756	748	123	43	80	166	320	139
Hispanic								
1999	241	237	43	18	25	72	92	30
2000	212	211	37	17	20	56	98	20
2001	223	223	38	15	23	52	94	39
2002	211	209	36	18	18	50	98	25
2003	202	201	31	13	18	55	97	18
2004	198	198	28	11	17	63	83	24
2005	240	236	42	11	31	46	106	42
2006	225	224	31	13	18	50	112	31
2007	213	211	32	8	24	54	85	40
2008	214	212	28	12	16	57	97	30
2009	198	195	29	16	13	36	86	44
Non-Hispanic Asian								
1999	25	25	1	1	0	5	10	9
2000	14	14	1	0	1	1	7	5
2001	17	17	0	0	0	2	13	2
2002	24	23	1	0	1	3	9	10
2003	23	23	1	0	1	3	13	6
2004	28	28	0	0	0	2	16	10
2005	21	20	1	0	1	3	10	6
2006	22	22	0	0	0	0	11	11
2007	19	19	0	0	0	2	12	5
2008	23	23	0	0	0	1	13	9
2009	16	16	0	0	0	1	5	10
Non-Hispanic Black								
1999	669	663	144	62	82	182	267	70
2000	623	609	137	60	77	144	257	71
2001	543	534	119	62	57	151	202	62
2002	554	550	99	40	59	171	226	54
2003	542	538	100	48	52	144	228	66
2004	463	457	97	36	61	122	175	63
2005	485	480	93	44	49	121	203	63
2006	457	454	92	37	55	114	184	64
2007	486	477	113	43	70	142	157	65
2008	439	438	87	32	55	119	173	59
2009	445	441	91	27	64	123	169	58
Non-Hispanic White								
1999	100	100	9	5	4	11	52	28
2000	118	116	6	2	4	18	62	30
2001	92	92	6	4	2	12	48	26
2002	88	88	5	4	1	14	46	23
2003	114	114	10	5	5	12	55	37
2004	94	94	3	2	1	11	49	31
2005	78	78	3	0	3	7	40	28
2006	111	111	5	2	3	13	62	31
2007	85	84	2	1	1	16	42	24
2008	92	90	4	1	3	9	52	25
2009	92	91	3	0	3	6	57	25

*Gestational age less than 32 weeks.

Table 61. Percent of singleton births delivered very preterm* by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	2.1	2.0	2.3	2.7	2.1	2.0	1.9	2.4
2000	1.9	1.9	2.3	2.5	2.1	1.6	1.9	2.1
2001	1.8	1.8	2.2	2.9	1.8	1.6	1.6	2.1
2002	1.8	1.8	2.1	2.4	1.9	1.9	1.7	1.8
2003	1.8	1.8	2.3	2.8	1.9	1.7	1.8	1.9
2004	1.7	1.7	2.1	2.1	2.1	1.7	1.5	2.0
2005	1.8	1.8	2.4	2.4	2.3	1.6	1.7	2.1
2006	1.8	1.8	2.1	2.2	2.0	1.6	1.7	2.0
2007	1.7	1.7	2.4	2.3	2.5	2.0	1.4	1.9
2008	1.7	1.7	2.1	2.3	2.0	1.8	1.5	1.8
2009	1.7	1.7	2.3	2.4	2.3	1.7	1.5	1.9
Hispanic								
1999	1.3	1.3	1.5	1.6	1.4	1.3	1.2	1.9
2000	1.1	1.1	1.3	1.6	1.1	1.0	1.2	1.3
2001	1.2	1.2	1.3	1.5	1.2	0.9	1.1	2.3
2002	1.2	1.2	1.4	1.8	1.1	0.9	1.2	1.5
2003	1.1	1.1	1.3	1.5	1.1	1.0	1.1	1.0
2004	1.1	1.1	1.1	1.2	1.1	1.2	1.0	1.3
2005	1.4	1.4	1.8	1.2	2.1	0.9	1.3	2.3
2006	1.3	1.3	1.3	1.5	1.2	1.0	1.4	1.6
2007	1.2	1.2	1.3	0.9	1.6	1.1	1.0	2.0
2008	1.3	1.3	1.3	1.5	1.1	1.3	1.2	1.5
2009	1.3	1.2	1.5	2.3	1.0	0.9	1.1	2.2
Non-Hispanic Asian								
1999	1.2	1.2	1.6	5.0	0.0	1.7	0.7	3.0
2000	0.7	0.7	1.7	0.0	2.1	0.3	0.5	1.4
2001	0.9	0.9	0.0	0.0	0.0	0.7	1.0	0.6
2002	1.2	1.2	3.2	0.0	4.5	1.1	0.7	2.8
2003	1.1	1.1	2.4	0.0	3.4	1.0	0.9	1.5
2004	1.3	1.3	0.0	0.0	0.0	0.8	1.1	2.5
2005	1.0	0.9	3.1	0.0	5.3	1.2	0.7	1.4
2006	1.0	1.0	0.0	0.0	0.0	0.0	0.8	2.3
2007	0.8	0.8	0.0	0.0	0.0	0.9	0.8	0.9
2008	1.0	1.0	0.0	0.0	0.0	0.5	0.9	1.5
2009	0.7	0.7	0.0	0.0	0.0	0.5	0.3	1.7
Non-Hispanic Black								
1999	3.4	3.4	2.9	3.2	2.7	3.0	3.8	4.3
2000	3.2	3.2	3.0	3.1	3.0	2.3	3.7	4.3
2001	2.9	2.9	2.8	3.6	2.3	2.5	3.1	3.7
2002	3.2	3.2	2.7	2.7	2.7	3.0	3.7	3.5
2003	3.2	3.2	2.8	3.3	2.5	2.6	3.8	4.1
2004	2.9	2.9	2.9	2.6	3.0	2.3	3.0	4.2
2005	3.1	3.1	2.9	3.3	2.5	2.5	3.5	4.5
2006	2.9	2.9	2.7	2.6	2.7	2.3	3.2	4.5
2007	3.1	3.1	3.2	3.2	3.2	2.9	2.8	4.5
2008	2.9	2.9	2.7	2.7	2.6	2.5	3.1	4.2
2009	3.1	3.1	3.0	2.7	3.1	2.7	3.1	4.3
Non-Hispanic White								
1999	0.9	1.0	1.9	3.9	1.2	0.8	0.8	1.3
2000	1.1	1.1	1.4	1.7	1.3	1.3	1.0	1.3
2001	0.9	0.9	1.7	4.1	0.8	1.0	0.8	1.0
2002	0.8	0.8	1.5	4.8	0.4	1.1	0.7	0.9
2003	1.1	1.1	3.5	7.1	2.3	1.1	0.9	1.3
2004	0.9	0.9	1.1	3.1	0.5	1.1	0.8	1.1
2005	0.8	0.8	1.2	0.0	1.7	0.7	0.6	1.0
2006	1.1	1.1	2.0	3.1	1.6	1.4	1.0	1.1
2007	0.8	0.8	0.9	1.7	0.7	1.8	0.6	0.8
2008	0.8	0.8	2.1	1.8	2.3	1.1	0.7	0.8
2009	0.8	0.8	1.6	0.0	2.1	0.8	0.8	0.8

*Gestational age less than 32 weeks.

Table 62. Births by birthweight and age and race-ethnicity of mother, Chicago, 2009

Birthweight (grams) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
< 500	110	109	20	8	12	18	53	18
500-999	344	341	44	18	26	72	155	70
1000-1499	401	398	58	21	37	95	181	64
Total < 1500	855	848	122	47	75	185	389	152
1500-1999	855	842	114	41	73	196	361	171
2000-2499	2,610	2,591	386	140	246	615	1,128	462
Total < 2500	4,320	4,281	622	228	394	996	1,878	785
2500-2999	8,720	8,679	1,374	470	904	2,199	3,831	1,275
3000-3499	17,434	17,375	2,153	715	1,438	4,000	8,621	2,601
3500-3999	10,927	10,905	932	301	631	2,075	5,943	1,955
4000-4499	2,656	2,650	160	48	112	393	1,512	585
4500-4999	333	333	9	2	7	60	190	74
≥ 5000	39	39	0	0	0	2	30	7
Hispanic								
< 500	20	20	4	0	4	2	12	2
500-999	82	82	10	7	3	10	42	20
1000-1499	83	81	10	6	4	17	42	12
Total < 1500	185	183	24	13	11	29	96	34
1500-1999	202	201	21	11	10	49	89	42
2000-2499	731	727	118	47	71	198	311	100
Total < 2500	1,118	1,111	163	71	92	276	496	176
2500-2999	2,776	2,763	458	149	309	774	1,204	327
3000-3499	6,385	6,367	844	312	532	1,749	3,021	753
3500-3999	4,213	4,208	404	139	265	1,056	2,192	556
4000-4499	1,033	1,032	85	24	61	208	557	182
4500-4999	127	127	3	0	3	31	70	23
≥ 5000	15	15	0	0	0	1	12	2
Non-Hispanic Asian								
< 500	2	--	--	--	--	0	0	2
500-999	10	--	--	--	--	0	4	6
1000-1499	13	--	--	--	--	1	5	7
Total < 1500	25	--	--	--	--	1	9	15
1500-1999	27	--	--	--	--	1	18	8
2000-2499	156	--	--	--	--	13	90	49
Total < 2500	208	--	--	--	--	15	117	72
2500-2999	577	--	--	--	--	55	389	122
3000-3499	1,004	--	--	--	--	90	665	236
3500-3999	503	--	--	--	--	41	319	137
4000-4499	97	--	--	--	--	9	56	32
4500-4999	6	--	--	--	--	0	2	4
≥ 5000	2	--	--	--	--	0	1	1

(continued on next page)

Table 62. Births by birthweight and age and race-ethnicity of mother, Chicago, 2009 (continued)

Birthweight (grams) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
Non-Hispanic Black								
< 500	67	66	16	8	8	15	26	9
500-999	204	201	34	11	23	58	79	30
1000-1499	237	236	46	15	31	71	91	28
Total < 1500	508	503	96	34	62	144	196	67
1500-1999	433	430	89	28	61	131	153	57
2000-2499	1,189	1,185	258	92	166	359	426	142
Total < 2500	2,130	2,118	443	154	289	634	775	266
2500-2999	3,616	3,604	854	304	550	1,224	1,193	333
3000-3499	5,534	5,515	1,218	380	838	1,840	2,022	435
3500-3999	2,592	2,583	479	147	332	750	1,117	237
4000-4499	504	503	63	21	42	128	247	65
4500-4999	63	63	4	2	2	21	28	10
≥ 5000	4	4	0	0	0	0	3	1
Non-Hispanic Asian								
< 500	19	19	0	0	0	1	14	4
500-999	44	44	0	0	0	4	28	12
1000-1499	66	66	2	0	2	6	41	17
Total < 1500	129	129	2	0	2	11	83	33
1500-1999	178	171	3	1	2	15	94	59
2000-2499	508	499	8	1	7	44	287	160
Total < 2500	815	799	13	2	11	70	464	252
2500-2999	1,692	1,680	51	15	36	138	1,011	480
3000-3499	4,417	4,397	75	17	58	310	2,862	1,150
3500-3999	3,561	3,553	39	13	26	225	2,279	1,010
4000-4499	1,004	1,001	12	3	9	47	640	302
4500-4999	134	134	2	0	2	5	90	37
≥ 5000	18	18	0	0	0	1	14	3

Table 63. Percent of births by birthweight and age and race-ethnicity of mother, Chicago, 2009

Birthweight (grams) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
< 500	0.2	0.2	0.4	0.5	0.3	0.2	0.2	0.2
500-999	0.8	0.8	0.8	1.0	0.7	0.7	0.7	1.0
1000-1499	0.9	0.9	1.1	1.2	1.1	1.0	0.8	0.9
Total < 1500	1.9	1.9	2.3	2.7	2.2	1.9	1.8	2.1
1500-1999	1.9	1.9	2.2	2.3	2.1	2.0	1.6	2.3
2000-2499	5.9	5.9	7.4	7.9	7.1	6.3	5.1	6.3
Total < 2500	9.7	9.7	11.8	12.9	11.3	10.2	8.5	10.8
2500-2999	19.6	19.6	26.2	26.6	25.9	22.6	17.4	17.5
3000-3499	39.2	39.2	41.0	40.5	41.2	41.1	39.2	35.7
3500-3999	24.6	24.6	17.7	17.1	18.1	21.3	27.0	26.8
4000-4499	6.0	6.0	3.0	2.7	3.2	4.0	6.9	8.0
4500-4999	0.7	0.8	0.2	0.1	0.2	0.6	0.9	1.0
≥ 5000	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1
Hispanic								
< 500	0.1	0.1	0.2	0.0	0.3	0.0	0.2	0.1
500-999	0.5	0.5	0.5	1.0	0.2	0.2	0.6	1.0
1000-1499	0.5	0.5	0.5	0.9	0.3	0.4	0.6	0.6
Total < 1500	1.2	1.2	1.2	1.9	0.9	0.7	1.3	1.7
1500-1999	1.3	1.3	1.1	1.6	0.8	1.2	1.2	2.1
2000-2499	4.7	4.7	6.0	6.8	5.6	4.8	4.1	5.0
Total < 2500	7.1	7.1	8.3	10.2	7.3	6.7	6.6	8.7
2500-2999	17.7	17.7	23.4	21.4	24.5	18.9	15.9	16.2
3000-3499	40.8	40.8	43.1	44.9	42.2	42.7	40.0	37.3
3500-3999	26.9	26.9	20.6	20.0	21.0	25.8	29.0	27.5
4000-4499	6.6	6.6	4.3	3.5	4.8	5.1	7.4	9.0
4500-4999	0.8	0.8	0.2	0.0	0.2	0.8	0.9	1.1
≥ 5000	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1
Non-Hispanic Asian								
< 500	0.1	--	--	--	--	0.0	0.0	0.3
500-999	0.4	--	--	--	--	0.0	0.3	1.0
1000-1499	0.5	--	--	--	--	0.5	0.3	1.2
Total < 1500	1.0	--	--	--	--	0.5	0.6	2.5
1500-1999	1.1	--	--	--	--	0.5	1.2	1.3
2000-2499	6.5	--	--	--	--	6.2	5.8	8.1
Total < 2500	8.7	--	--	--	--	7.1	7.5	11.9
2500-2999	24.1	--	--	--	--	26.2	25.1	20.2
3000-3499	41.9	--	--	--	--	42.9	42.9	39.0
3500-3999	21.0	--	--	--	--	19.5	20.6	22.6
4000-4499	4.0	--	--	--	--	4.3	3.6	5.3
4500-4999	0.3	--	--	--	--	0.0	0.1	0.7
≥ 5000	0.1	--	--	--	--	0.0	0.1	0.2

(continued on next page)

Table 63. Percent of births by birthweight and age and race-ethnicity of mother, Chicago, 2009 (continued)

Birthweight (grams) and race-ethnicity of mother	Age of mother (years)							
	All ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
Non-Hispanic Black								
< 500	0.5	0.5	0.5	0.8	0.4	0.3	0.5	0.7
500-999	1.4	1.4	1.1	1.1	1.1	1.3	1.5	2.2
1000-1499	1.6	1.6	1.5	1.5	1.5	1.5	1.7	2.1
Total < 1500	3.5	3.5	3.1	3.4	3.0	3.1	3.6	5.0
1500-1999	3.0	3.0	2.9	2.8	3.0	2.8	2.8	4.2
2000-2499	8.2	8.2	8.4	9.1	8.1	7.8	7.9	10.5
Total < 2500	14.7	14.7	14.5	15.3	14.1	13.8	14.4	19.7
2500-2999	25.0	25.0	27.9	30.2	26.8	26.6	22.2	24.7
3000-3499	38.3	38.3	39.8	37.7	40.8	40.0	37.5	32.3
3500-3999	17.9	17.9	15.6	14.6	16.2	16.3	20.7	17.6
4000-4499	3.5	3.5	2.1	2.1	2.0	2.8	4.6	4.8
4500-4999	0.4	0.4	0.1	0.2	0.1	0.5	0.5	0.7
≥ 5000	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Non-Hispanic White								
< 500	0.2	0.2	0.0	0.0	0.0	0.1	0.2	0.1
500-999	0.4	0.4	0.0	0.0	0.0	0.5	0.4	0.4
1000-1499	0.6	0.6	1.0	0.0	1.4	0.8	0.6	0.5
Total < 1500	1.1	1.1	1.0	0.0	1.4	1.4	1.1	1.0
1500-1999	1.5	1.5	1.6	2.0	1.4	1.9	1.3	1.8
2000-2499	4.4	4.3	4.2	2.0	4.9	5.5	3.9	4.9
Total < 2500	7.0	6.9	6.8	4.0	7.7	8.8	6.3	7.8
2500-2999	14.5	14.5	26.6	30.0	25.4	17.3	13.7	14.8
3000-3499	37.9	38.0	39.1	34.0	40.8	38.9	38.9	35.5
3500-3999	30.6	30.7	20.3	26.0	18.3	28.3	31.0	31.2
4000-4499	8.6	8.6	6.3	6.0	6.3	5.9	8.7	9.3
4500-4999	1.2	1.2	1.0	0.0	1.4	0.6	1.2	1.1
≥ 5000	0.2	0.2	0.0	0.0	0.0	0.1	0.2	0.1

Table 64. Births delivered at high* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	3,845	3,838	308	92	216	814	2,098	618
2000	3,847	3,837	280	94	186	863	2,104	590
2001	3,669	3,660	270	86	184	802	1,954	634
2002	3,580	3,568	243	77	166	720	2,009	596
2003	3,526	3,516	212	68	144	703	1,906	695
2004	3,360	3,356	223	63	160	654	1,833	646
2005	3,106	3,096	196	60	136	585	1,707	608
2006	3,102	3,093	208	57	151	584	1,710	591
2007	3,017	3,008	173	57	116	489	1,735	611
2008	3,103	3,095	173	61	112	533	1,723	666
2009	3,028	3,022	169	50	119	455	1,732	666
Hispanic								
1999	1,529	1,528	127	40	87	411	790	200
2000	1,601	1,597	127	39	88	448	833	189
2001	1,600	1,598	137	41	96	416	834	211
2002	1,533	1,529	122	36	86	398	855	154
2003	1,531	1,527	116	40	76	379	827	205
2004	1,484	1,484	121	34	87	366	773	224
2005	1,316	1,311	97	28	69	314	717	183
2006	1,362	1,362	117	28	89	325	727	193
2007	1,240	1,234	82	30	52	274	694	184
2008	1,282	1,281	86	30	56	300	702	193
2009	1,175	1,174	88	24	64	240	639	207
Non-Hispanic Asian								
1999	108	108	0	0	0	12	74	22
2000	117	117	0	0	0	5	88	24
2001	71	70	1	0	1	12	39	18
2002	105	104	0	0	0	10	72	22
2003	89	89	1	1	0	8	51	29
2004	99	99	1	0	1	7	69	22
2005	84	84	0	0	0	5	60	19
2006	96	96	0	0	0	6	69	21
2007	89	89	0	0	0	4	53	32
2008	98	98	0	0	0	5	59	34
2009	105	105	0	0	0	9	59	37
Non-Hispanic Black								
1999	906	901	143	44	99	248	412	98
2000	945	942	134	49	85	282	432	94
2001	841	837	114	42	72	274	356	93
2002	760	756	97	36	61	196	363	100
2003	701	698	75	23	52	215	313	95
2004	681	680	88	25	63	201	309	82
2005	626	624	89	30	59	188	276	71
2006	625	620	77	26	51	181	293	69
2007	582	580	74	21	53	150	279	77
2008	587	584	79	27	52	168	266	71
2009	571	570	67	23	44	149	278	76
Non-Hispanic White								
1999	1,292	1,291	38	8	30	139	816	298
2000	1,173	1,170	19	6	13	124	744	283
2001	1,151	1,149	18	3	15	99	723	309
2002	1,174	1,171	23	5	18	114	716	318
2003	1,194	1,191	19	4	15	97	711	364
2004	1,087	1,084	13	4	9	79	676	316
2005	1,068	1,065	10	2	8	76	645	334
2006	1,014	1,010	13	3	10	71	618	308
2007	1,083	1,082	16	5	11	56	699	311
2008	1,115	1,111	7	3	4	59	680	365
2009	1,156	1,153	14	3	11	53	744	342

*Greater than 4,000 grams or 8 pounds 13 ounces.

Table 65. Percent of births delivered at high* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	7.6	7.6	3.7	2.9	4.1	6.0	9.4	10.7
2000	7.6	7.6	3.5	3.0	3.8	6.2	9.2	9.9
2001	7.4	7.4	3.6	3.1	4.0	6.0	8.7	10.2
2002	7.5	7.5	3.6	3.0	4.0	5.7	9.1	9.7
2003	7.3	7.4	3.3	2.9	3.6	5.6	8.5	10.4
2004	7.2	7.2	3.6	2.7	4.2	5.6	8.4	9.9
2005	6.8	6.8	3.3	2.6	3.8	5.2	7.9	9.3
2006	6.8	6.8	3.4	2.4	4.0	5.2	8.0	8.7
2007	6.5	6.5	2.8	2.5	3.0	4.5	7.8	8.9
2008	6.8	6.9	3.0	3.0	3.0	5.2	7.8	9.3
2009	6.8	6.8	3.2	2.8	3.4	4.7	7.9	9.1
Hispanic								
1999	8.5	8.6	4.4	3.6	4.9	7.2	10.3	12.7
2000	8.6	8.6	4.3	3.7	4.7	7.7	10.3	11.9
2001	8.6	8.6	4.8	4.1	5.2	7.3	10.0	12.3
2002	8.4	8.4	4.6	3.7	5.2	7.2	10.4	9.2
2003	8.4	8.4	4.7	4.7	4.7	6.9	9.8	11.3
2004	8.3	8.4	4.8	3.7	5.5	7.1	9.4	12.2
2005	7.6	7.6	4.1	3.1	4.8	6.3	8.8	10.0
2006	7.8	7.8	4.9	3.2	5.9	6.4	9.0	10.0
2007	7.1	7.1	3.4	3.3	3.5	5.7	8.6	9.2
2008	7.7	7.7	3.9	3.8	3.9	6.7	9.0	9.7
2009	7.5	7.5	4.5	3.5	5.1	5.9	8.5	10.2
Non-Hispanic Asian								
1999	5.3	5.3	0.0	0.0	0.0	4.1	5.4	7.4
2000	5.5	5.5	0.0	0.0	0.0	1.6	6.3	6.9
2001	3.6	3.5	1.6	0.0	1.9	4.1	3.0	5.7
2002	5.3	5.2	0.0	0.0	0.0	3.8	5.4	6.2
2003	4.1	4.1	2.4	8.3	0.0	2.7	3.6	7.2
2004	4.6	4.6	2.2	0.0	3.4	2.8	4.8	5.5
2005	3.9	3.9	0.0	0.0	0.0	2.0	4.2	4.4
2006	4.4	4.4	0.0	0.0	0.0	2.8	4.8	4.4
2007	3.9	3.9	0.0	0.0	0.0	1.7	3.6	5.9
2008	4.2	4.2	0.0	0.0	0.0	2.4	3.9	5.7
2009	4.4	4.4	0.0	0.0	0.0	4.3	3.8	6.1
Non-Hispanic Black								
1999	4.5	4.6	2.9	2.3	3.3	4.0	5.9	6.0
2000	4.9	4.9	3.0	2.5	3.3	4.5	6.3	5.7
2001	4.5	4.5	2.7	2.5	2.9	4.5	5.5	5.5
2002	4.4	4.4	2.6	2.4	2.7	3.5	5.9	6.5
2003	4.1	4.2	2.1	1.6	2.5	3.8	5.2	5.8
2004	4.2	4.2	2.6	1.8	3.1	3.8	5.3	5.5
2005	4.1	4.1	2.7	2.3	3.1	3.8	4.8	5.1
2006	4.0	4.0	2.2	1.8	2.5	3.7	5.1	4.8
2007	3.7	3.7	2.1	1.6	2.4	3.1	4.9	5.3
2008	3.9	3.9	2.4	2.3	2.5	3.6	4.8	5.0
2009	4.0	4.0	2.2	2.3	2.1	3.2	5.2	5.6
Non-Hispanic White								
1999	12.3	12.3	8.1	6.3	8.7	9.6	12.9	13.3
2000	11.0	11.0	4.5	5.0	4.3	8.6	11.6	11.9
2001	11.1	11.2	5.1	3.1	6.0	8.0	11.6	12.4
2002	11.2	11.2	6.8	6.0	7.0	9.2	11.4	12.4
2003	11.3	11.3	6.6	5.7	6.9	9.0	11.2	13.1
2004	10.5	10.5	4.8	6.3	4.3	7.9	10.7	11.4
2005	10.3	10.3	4.1	3.0	4.6	7.7	10.3	11.8
2006	9.8	9.8	5.2	4.7	5.4	7.4	10.0	10.6
2007	10.1	10.1	7.6	8.6	7.2	6.2	10.4	10.8
2008	10.0	10.0	3.7	5.4	3.0	7.2	9.7	11.8
2009	9.9	10.0	7.3	6.0	7.7	6.7	10.1	10.6

*Greater than 4,000 grams or 8 pounds 13 ounces.

Table 66. Births delivered at low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	5,089	5,045	967	399	568	1,228	2,125	725
2000	4,956	4,906	866	367	499	1,280	2,092	668
2001	4,985	4,937	871	362	509	1,225	2,076	765
2002	4,782	4,749	766	326	440	1,237	2,009	737
2003	4,858	4,831	734	284	450	1,204	2,064	829
2004	4,654	4,621	738	286	452	1,171	1,993	719
2005	4,627	4,584	715	275	440	1,101	1,997	771
2006	4,673	4,636	705	288	417	1,160	1,995	776
2007	4,570	4,526	730	270	460	1,119	1,966	711
2008	4,349	4,309	645	240	405	1,000	1,931	733
2009	4,320	4,281	622	228	394	996	1,878	785
Hispanic								
1999	1,220	1,213	224	92	132	368	482	139
2000	1,180	1,172	203	74	129	359	489	121
2001	1,292	1,287	221	85	136	331	570	165
2002	1,188	1,178	182	83	99	327	521	148
2003	1,215	1,212	184	73	111	328	549	151
2004	1,259	1,252	204	86	118	340	560	148
2005	1,228	1,213	215	79	136	316	512	170
2006	1,322	1,313	196	74	122	365	562	190
2007	1,231	1,221	196	70	126	315	531	179
2008	1,137	1,131	178	75	103	290	510	153
2009	1,118	1,111	163	71	92	276	496	176
Non-Hispanic Asian								
1999	167	167	8	5	3	24	103	32
2000	177	177	7	3	4	25	113	32
2001	171	170	12	1	11	23	112	23
2002	181	179	6	--	--	32	107	34
2003	188	188	6	1	5	29	112	41
2004	173	173	5	4	1	17	110	41
2005	193	191	3	1	2	26	127	35
2006	196	196	1	0	1	12	138	45
2007	181	180	1	0	1	19	121	39
2008	207	207	2	0	2	23	119	63
2009	208	206	2	0	2	15	117	72
Non-Hispanic Black								
1999	3,012	2,983	699	290	409	754	1,163	367
2000	2,872	2,836	612	273	339	809	1,088	327
2001	2,747	2,713	599	260	339	789	964	361
2002	2,574	2,557	552	235	317	789	928	288
2003	2,653	2,632	518	199	319	767	995	352
2004	2,435	2,419	508	191	317	730	888	293
2005	2,402	2,379	475	192	283	686	912	306
2006	2,342	2,325	479	204	275	701	844	301
2007	2,403	2,383	516	194	322	701	883	283
2008	2,175	2,159	442	157	285	640	799	278
2009	2,130	2,118	443	154	289	634	775	266
Non-Hispanic White								
1999	684	676	34	10	24	79	376	187
2000	717	711	41	15	26	84	398	188
2001	767	759	38	16	22	81	427	213
2002	828	824	26	7	19	88	446	264
2003	794	791	25	10	15	80	404	282
2004	779	770	20	5	15	84	431	235
2005	788	785	20	3	17	73	437	255
2006	805	794	29	10	19	81	444	240
2007	741	729	17	6	11	79	424	209
2008	780	764	20	5	15	41	476	227
2009	815	799	13	2	11	70	464	252

*Less than 2,500 grams or 5 pounds 8 ounces.

Table 67. Percent of births delivered at low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	10.1	10.0	11.5	12.4	10.9	9.0	9.5	12.6
2000	9.7	9.7	10.9	11.8	10.3	9.2	9.2	11.2
2001	10.1	10.0	11.7	12.9	11.0	9.2	9.3	12.3
2002	10.0	10.0	11.4	12.7	10.5	9.7	9.1	12.0
2003	10.1	10.1	11.6	11.9	11.4	9.6	9.3	12.5
2004	10.0	10.0	11.9	12.0	11.8	10.0	9.1	11.0
2005	10.2	10.1	12.1	11.9	12.3	9.8	9.2	11.9
2006	10.2	10.2	11.5	12.2	11.0	10.3	9.3	11.5
2007	9.9	9.8	11.8	11.7	11.9	10.3	8.9	10.3
2008	9.6	9.5	11.3	11.8	11.0	9.7	8.7	10.3
2009	9.7	9.7	11.8	12.9	11.3	10.2	8.5	10.8
Hispanic								
1999	6.8	6.8	7.7	8.3	7.4	6.4	6.3	8.9
2000	6.4	6.3	6.9	7.0	6.9	6.1	6.0	7.6
2001	6.9	6.9	7.8	8.6	7.3	5.8	6.9	9.7
2002	6.5	6.5	6.9	8.5	6.0	5.9	6.3	8.8
2003	6.6	6.6	7.4	8.5	6.9	6.0	6.5	8.3
2004	7.1	7.1	8.1	9.2	7.5	6.6	6.8	8.1
2005	7.1	7.0	9.2	8.7	9.4	6.3	6.3	9.3
2006	7.6	7.5	8.2	8.4	8.1	7.2	7.0	9.8
2007	7.1	7.0	8.1	7.6	8.4	6.6	6.5	9.0
2008	6.9	6.8	8.0	9.5	7.2	6.4	6.5	7.7
2009	7.1	7.1	8.3	10.2	7.3	6.7	6.6	8.7
Non-Hispanic Asian								
1999	8.2	8.3	12.9	25.0	7.1	8.2	7.5	10.8
2000	8.3	8.3	11.7	25.0	8.3	8.1	8.0	9.2
2001	8.6	8.6	18.8	8.3	21.2	7.9	8.5	7.3
2002	9.1	9.0	19.4	--	--	12.2	8.0	9.5
2003	8.7	8.7	14.6	8.3	17.2	9.7	8.0	10.1
2004	8.1	8.1	10.9	23.5	3.4	6.8	7.7	10.2
2005	9.0	8.9	9.4	7.7	10.5	10.3	8.9	8.2
2006	9.0	9.0	2.6	0.0	3.6	5.5	9.6	9.4
2007	7.9	7.8	3.3	0.0	4.0	8.1	8.1	7.2
2008	8.8	8.8	7.1	0.0	10.5	10.9	7.8	10.6
2009	8.7	8.6	7.1	0.0	9.5	7.1	7.5	11.9
Non-Hispanic Black								
1999	15.1	15.1	14.0	14.9	13.5	12.2	16.6	22.4
2000	14.8	14.7	13.5	14.2	13.0	13.0	15.9	19.9
2001	14.8	14.7	14.3	15.2	13.7	13.0	14.9	21.3
2002	15.0	15.0	14.8	15.6	14.2	14.0	15.1	18.7
2003	15.7	15.7	14.7	13.8	15.3	13.6	16.6	21.6
2004	15.1	15.1	15.0	14.0	15.7	13.8	15.1	19.7
2005	15.6	15.5	14.6	14.5	14.7	13.9	15.9	21.9
2006	14.9	14.9	13.8	14.5	13.4	14.2	14.7	21.1
2007	15.4	15.3	14.7	14.6	14.7	14.4	15.5	19.6
2008	14.5	14.5	13.6	13.5	13.6	13.6	14.4	19.8
2009	14.7	14.7	14.5	15.3	14.1	13.8	14.4	19.7
Non-Hispanic White								
1999	6.5	6.4	7.2	7.9	7.0	5.5	5.9	8.3
2000	6.7	6.7	9.8	12.6	8.7	5.8	6.2	7.9
2001	7.4	7.4	10.9	16.3	8.7	6.6	6.9	8.6
2002	7.9	7.9	7.6	8.4	7.4	7.1	7.1	10.3
2003	7.5	7.5	8.7	14.3	6.9	7.4	6.3	10.1
2004	7.5	7.5	7.4	7.8	7.2	8.4	6.8	8.5
2005	7.6	7.6	8.3	4.5	9.7	7.4	6.9	9.0
2006	7.8	7.7	11.6	15.6	10.2	8.4	7.2	8.3
2007	6.9	6.8	8.1	10.3	7.2	8.7	6.3	7.2
2008	7.0	6.9	10.6	8.9	11.3	5.0	6.8	7.4
2009	7.0	6.9	6.8	4.0	7.7	8.8	6.3	7.8

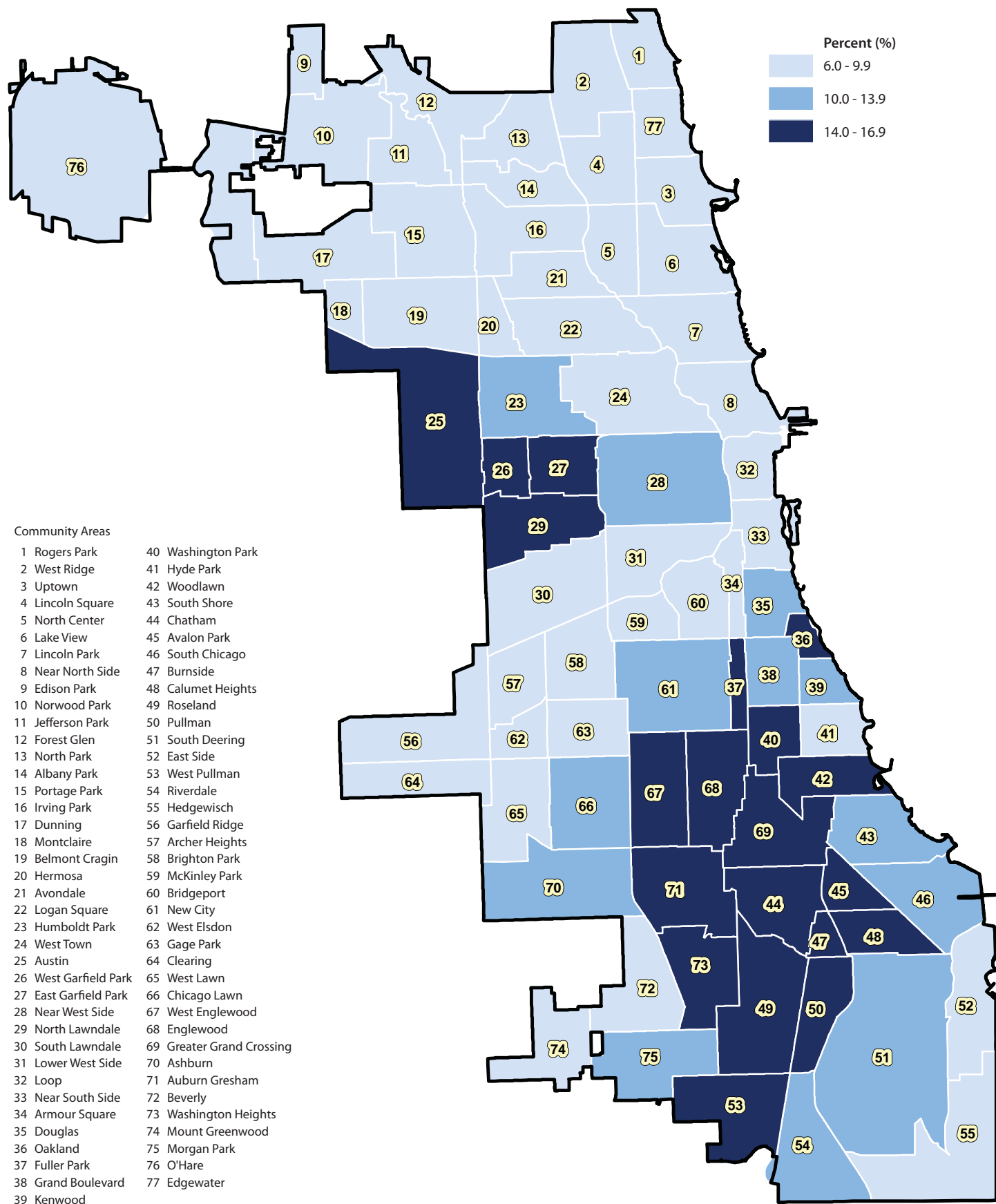
*Less than 2,500 grams or 5 pounds 8 ounces.

Table 68. Average annual births and percent of births delivered at low* birthweight by community area of residence of mother, Chicago, 2005-2009

Community Area	Births per year	Percent (95% CI)	Community Area	Births per year	Percent (95% CI)
1 Rogers Park	82	9.0 (8.2, 9.8)	40 Washington Park	40	16.1 (14.1, 18.1)
2 West Ridge	97	8.0 (7.3, 8.7)	41 Hyde Park	20	7.6 (6.2, 9)
3 Uptown	66	8.6 (7.7, 9.5)	42 Woodlawn	58	14.5 (13, 16)
4 Lincoln Square	53	8.4 (7.4, 9.4)	43 South Shore	115	13.4 (12.4, 14.4)
5 North Center	54	8.1 (7.2, 9)	44 Chatham	71	15.5 (14, 17)
6 Lake View	80	6.9 (6.2, 7.6)	45 Avalon Park	19	15.8 (12.9, 18.7)
7 Lincoln Park	60	7.3 (6.5, 8.1)	46 South Chicago	82	13.7 (12.5, 14.9)
8 Near North Side	75	9.4 (8.5, 10.3)	47 Burnside	7	15.7 (11, 20.4)
9 Edison Park	9	6.5 (4.6, 8.4)	48 Calumet Heights	25	15.8 (13.3, 18.3)
10 Norwood Park	28	6.9 (5.8, 8)	49 Roseland	97	14.1 (12.9, 15.3)
11 Jefferson Park	23	7.0 (5.8, 8.2)	50 Pullman	18	14.9 (12, 17.8)
12 Forest Glen	15	7.1 (5.6, 8.6)	51 South Deering	24	10.3 (8.6, 12)
13 North Park	18	8.3 (6.7, 9.9)	52 East Side	27	6.3 (5.3, 7.3)
14 Albany Park	74	7.6 (6.9, 8.3)	53 West Pullman	81	14.7 (13.4, 16)
15 Portage Park	72	7.7 (6.9, 8.5)	54 Riverdale	13	13.7 (10.6, 16.8)
16 Irving Park	71	7.9 (7.1, 8.7)	55 Hegewisch	10	8.1 (5.9, 10.3)
17 Dunning	40	8.2 (7.1, 9.3)	56 Garfield Ridge	38	7.8 (6.7, 8.9)
18 Montclair	19	8.8 (7.1, 10.5)	57 Archer Heights	20	7.4 (6, 8.8)
19 Belmont Cragin	124	7.6 (7, 8.2)	58 Brighton Park	69	6.8 (6.1, 7.5)
20 Hermosa	41	7.6 (6.6, 8.6)	59 McKinley Park	20	7.4 (6, 8.8)
21 Avondale	58	7.5 (6.7, 8.3)	60 Bridgeport	37	8.6 (7.4, 9.8)
22 Logan Square	104	7.7 (7.1, 8.3)	61 New City	109	10.2 (9.4, 11)
23 Humboldt park	153	12.3 (11.5, 13.1)	62 West Elsdon	26	7.5 (6.3, 8.7)
24 West Town	114	7.8 (7.2, 8.4)	63 Gage Park	62	6.4 (5.7, 7.1)
25 Austin	267	14.2 (13.5, 14.9)	64 Clearing	27	8.3 (7, 9.6)
26 West Garfield Park	61	15.7 (14.1, 17.3)	65 West Lawn	43	6.7 (5.8, 7.6)
27 East Garfield Park	66	16.5 (14.9, 18.1)	66 Chicago Lawn	124	10.1 (9.3, 10.9)
28 Near West Side	87	10.4 (9.5, 11.3)	67 West Englewood	125	16.0 (14.9, 17.1)
29 North Lawndale	117	15.6 (14.4, 16.8)	68 Englewood	106	15.8 (14.6, 17)
30 South Lawndale	122	7.1 (6.6, 7.6)	69 Greater Grand Crossing	87	14.7 (13.4, 16)
31 Lower West Side	48	6.8 (6, 7.6)	70 Ashburn	61	10.0 (8.9, 11.1)
32 Loop	15	7.4 (5.8, 9)	71 Auburn Gresham	112	14.6 (13.5, 15.7)
33 Near South Side	33	9.9 (8.5, 11.3)	72 Beverly	16	6.8 (5.4, 8.2)
34 Armour Square	12	8.8 (6.7, 10.9)	73 Washington Heights	57	16.0 (14.3, 17.7)
35 Douglas	30	13.3 (11.3, 15.3)	74 Mount Greenwood	17	6.8 (5.4, 8.2)
36 Oakland	15	15.0 (11.8, 18.2)	75 Morgan Park	40	13.1 (11.4, 14.8)
37 Fuller Park	7	16.7 (11.8, 21.6)	76 O'Hare	14	7.1 (5.5, 8.7)
38 Grand Boulevard	40	12.7 (11.1, 14.3)	77 Edgewater	57	8.2 (7.3, 9.1)
39 Kenwood	27	12.2 (10.3, 14.1)	Chicago	4,508	9.9 (9.8, 10)

*Less than 2,500 grams or 5 pounds 8 ounces.

Figure 10. Average annual percent of births delivered at low* birthweight by community area of residence of mother, Chicago, 2005-2009



*Less than 2,500 grams or 5 pounds 8 ounces.

Table 69. Singleton births delivered at low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	4,188	4,148	849	359	490	1,027	1,713	559
2000	4,020	3,977	787	337	450	1,052	1,610	528
2001	3,998	3,959	779	332	447	1,001	1,585	594
2002	3,812	3,786	670	294	376	1,016	1,593	507
2003	3,791	3,767	649	255	394	967	1,561	590
2004	3,692	3,672	663	259	404	971	1,515	523
2005	3,642	3,607	631	243	388	891	1,512	573
2006	3,622	3,597	620	264	356	945	1,501	531
2007	3,575	3,545	640	258	382	914	1,444	547
2008	3,395	3,372	572	225	347	825	1,439	536
2009	3,343	3,316	562	207	355	819	1,393	542
Hispanic								
1999	1,028	1,021	196	84	112	311	399	115
2000	983	977	176	68	108	302	399	100
2001	1,064	1,059	195	78	117	276	450	138
2002	986	979	163	74	89	275	420	121
2003	972	969	161	62	99	274	424	110
2004	1,034	1,028	178	79	99	299	435	116
2005	1,039	1,025	197	71	126	265	422	141
2006	1,063	1,056	172	66	106	303	453	128
2007	997	991	169	66	103	261	411	150
2008	927	923	165	69	96	246	395	117
2009	928	921	148	62	86	229	394	150
Non-Hispanic Asian								
1999	140	140	8	5	3	18	85	29
2000	149	149	7	3	4	22	93	27
2001	142	141	10	1	9	20	91	20
2002	145	143	4	--	--	26	90	23
2003	158	158	6	1	5	29	89	34
2004	135	135	5	4	1	15	86	29
2005	160	158	3	1	2	22	106	27
2006	142	142	1	0	1	6	101	34
2007	148	147	1	0	1	18	95	33
2008	169	169	2	0	2	23	97	47
2009	155	154	2	--	--	11	90	51
Non-Hispanic Black								
1999	2,550	2,521	611	260	351	630	978	302
2000	2,407	2,375	560	249	311	656	874	285
2001	2,300	2,270	538	239	299	644	784	304
2002	2,164	2,149	477	212	265	643	788	241
2003	2,177	2,159	457	181	276	599	803	300
2004	2,057	2,044	464	171	293	593	730	257
2005	1,975	1,956	413	168	245	545	739	259
2006	1,944	1,927	422	188	234	561	701	243
2007	1,940	1,923	457	186	271	561	663	242
2008	1,785	1,772	386	148	238	518	632	236
2009	1,773	1,761	400	142	258	523	625	213
Non-Hispanic White								
1999	466	462	33	9	24	66	250	113
2000	472	467	41	15	26	69	241	116
2001	484	481	35	14	21	60	257	129
2002	508	506	26	7	19	71	288	121
2003	479	476	24	10	14	65	241	146
2004	460	460	15	5	10	64	261	120
2005	460	460	18	3	15	59	240	143
2006	469	468	25	10	15	74	243	126
2007	482	477	13	6	7	71	271	122
2008	479	473	16	5	11	32	296	129
2009	461	454	11	2	9	55	267	121

*Less than 2,500 grams or 5 pounds 8 ounces.

Table 70. Percent of singleton births delivered at low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	8.3	8.3	10.1	11.2	9.4	7.5	7.6	9.7
2000	7.9	7.9	9.9	10.8	9.3	7.6	7.1	8.8
2001	8.1	8.0	10.5	11.8	9.6	7.5	7.1	9.5
2002	8.0	7.9	9.9	11.4	9.0	8.0	7.2	8.2
2003	7.9	7.9	10.2	10.7	10.0	7.7	7.0	8.9
2004	7.9	7.9	10.7	10.9	10.5	8.3	6.9	8.0
2005	8.0	8.0	10.7	10.5	10.9	8.0	7.0	8.8
2006	7.9	7.9	10.1	11.2	9.4	8.4	7.0	7.8
2007	7.7	7.7	10.3	11.2	9.9	8.4	6.5	7.9
2008	7.5	7.5	10.0	11.1	9.4	8.0	6.5	7.5
2009	7.5	7.5	10.7	11.7	10.2	8.4	6.3	7.4
Hispanic								
1999	5.7	5.7	6.8	7.6	6.3	5.4	5.2	7.3
2000	5.3	5.3	6.0	6.5	5.8	5.2	4.9	6.3
2001	5.7	5.7	6.8	7.9	6.3	4.9	5.4	8.1
2002	5.4	5.4	6.2	7.6	5.4	4.9	5.1	7.2
2003	5.3	5.3	6.5	7.2	6.1	5.0	5.0	6.0
2004	5.8	5.8	7.1	8.5	6.3	5.8	5.3	6.3
2005	6.0	5.9	8.4	7.9	8.7	5.3	5.2	7.7
2006	6.1	6.1	7.2	7.5	7.0	6.0	5.6	6.6
2007	5.7	5.7	7.0	7.2	6.8	5.4	5.1	7.5
2008	5.6	5.6	7.4	8.8	6.7	5.5	5.0	5.9
2009	5.9	5.9	7.6	8.9	6.8	5.6	5.2	7.4
Non-Hispanic Asian								
1999	6.9	6.9	12.9	25.0	7.1	6.1	6.2	9.8
2000	7.0	7.0	11.7	25.0	8.3	7.1	6.6	7.8
2001	7.1	7.1	15.6	8.3	17.3	6.9	6.9	6.3
2002	7.3	7.2	12.9	--	--	9.9	6.7	6.4
2003	7.3	7.3	14.6	8.3	17.2	9.7	6.3	8.4
2004	6.3	6.3	10.9	23.5	3.4	6.0	6.0	7.2
2005	7.5	7.4	9.4	7.7	10.5	8.7	7.4	6.3
2006	6.5	6.5	2.6	0.0	3.6	2.8	7.0	7.1
2007	6.4	6.4	3.3	0.0	4.0	7.7	6.4	6.1
2008	7.2	7.2	7.1	0.0	10.5	10.9	6.4	7.9
2009	6.5	6.4	7.1	--	--	5.2	5.8	8.4
Non-Hispanic Black								
1999	12.8	12.7	12.3	13.4	11.6	10.2	14.0	18.4
2000	12.4	12.3	12.3	12.9	11.9	10.5	12.7	17.3
2001	12.4	12.3	12.9	14.0	12.1	10.6	12.1	18.0
2002	12.6	12.6	12.8	14.1	11.9	11.4	12.8	15.7
2003	12.9	12.9	13.0	12.6	13.3	10.6	13.4	18.4
2004	12.7	12.8	13.7	12.6	14.5	11.2	12.5	17.3
2005	12.8	12.8	12.7	12.7	12.7	11.0	12.9	18.5
2006	12.4	12.4	12.2	13.4	11.4	11.3	12.2	17.0
2007	12.4	12.4	13.0	14.0	12.4	11.5	11.6	16.8
2008	11.9	11.9	11.8	12.7	11.4	11.0	11.4	16.8
2009	12.3	12.2	13.1	14.1	12.6	11.4	11.6	15.8
Non-Hispanic White								
1999	4.4	4.4	7.0	7.1	7.0	4.6	3.9	5.0
2000	4.4	4.4	9.8	12.6	8.7	4.8	3.8	4.9
2001	4.7	4.7	10.0	14.3	8.3	4.9	4.1	5.2
2002	4.8	4.8	7.6	8.4	7.4	5.7	4.6	4.7
2003	4.5	4.5	8.4	14.3	6.5	6.1	3.8	5.2
2004	4.4	4.5	5.5	7.8	4.8	6.4	4.1	4.3
2005	4.4	4.4	7.5	4.5	8.6	5.9	3.8	5.0
2006	4.5	4.5	10.0	15.6	8.1	7.7	3.9	4.3
2007	4.5	4.5	6.2	10.3	4.6	7.8	4.0	4.2
2008	4.3	4.3	8.5	8.9	8.3	3.9	4.2	4.2
2009	4.0	3.9	5.7	4.0	6.3	6.9	3.6	3.7

*Less than 25,00 grams or 5 pounds 8 ounces.

Table 71. Births delivered at very low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	1,156	1,149	205	88	117	275	501	168
2000	1,048	1,032	155	59	96	260	480	137
2001	946	935	168	83	85	222	399	146
2002	1,024	1,018	161	75	86	266	443	148
2003	993	988	137	59	78	246	451	154
2004	887	877	120	48	72	229	375	153
2005	949	942	158	65	93	205	398	181
2006	942	934	119	48	71	206	429	180
2007	924	911	154	47	107	223	391	143
2008	872	862	137	47	90	191	391	143
2009	855	848	122	47	75	185	389	152
Hispanic								
1999	269	267	47	21	26	73	116	31
2000	215	214	41	15	26	59	91	23
2001	199	198	35	14	21	42	86	35
2002	227	226	33	18	15	54	109	30
2003	214	213	30	14	16	59	106	18
2004	202	202	25	9	16	63	88	26
2005	244	244	44	14	30	50	99	51
2006	246	242	31	15	16	56	111	44
2007	226	222	36	8	28	52	99	35
2008	224	223	29	12	17	63	99	32
2009	185	183	24	13	11	29	96	34
Non-Hispanic Asian								
1999	29	29	2	2	0	1	17	9
2000	17	17	0	0	0	2	9	6
2001	25	25	2	0	2	2	19	2
2002	24	23	3	0	3	2	9	9
2003	28	28	2	0	2	2	19	5
2004	28	28	1	1	0	1	14	12
2005	30	29	1	0	1	5	16	7
2006	26	26	0	0	0	0	18	8
2007	17	17	0	0	0	1	13	3
2008	24	24	0	0	0	1	11	12
2009	25	25	0	0	0	1	9	15
Non-Hispanic Black								
1999	724	719	148	62	86	187	299	85
2000	674	661	109	44	65	179	303	70
2001	582	572	124	64	60	162	212	74
2002	619	615	120	53	67	197	241	57
2003	598	594	98	41	57	174	245	77
2004	517	507	93	38	55	159	196	59
2005	534	528	110	51	59	144	204	70
2006	504	501	86	32	54	141	206	68
2007	566	558	117	38	79	157	208	76
2008	488	483	102	32	70	122	198	61
2009	508	503	96	34	62	144	196	67
Non-Hispanic White								
1999	132	132	8	3	5	12	69	43
2000	140	138	5	0	5	19	76	38
2001	138	138	7	5	2	16	81	34
2002	150	150	5	4	1	13	81	51
2003	152	152	7	4	3	11	80	54
2004	137	137	1	0	1	6	75	55
2005	137	137	3	0	3	6	76	52
2006	165	164	2	1	1	9	93	60
2007	107	106	1	1	0	12	65	28
2008	123	120	4	1	3	4	76	36
2009	129	129	2	0	2	11	83	33

*Less than 1,500 grams or 3 pounds 4 ounces.

Table 72. Percent of births delivered at very low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	2.3	2.3	2.4	2.7	2.2	2.0	2.2	2.9
2000	2.1	2.0	1.9	1.9	2.0	1.9	2.1	2.3
2001	1.9	1.9	2.3	2.9	1.8	1.7	1.8	2.3
2002	2.1	2.1	2.4	2.9	2.1	2.1	2.0	2.4
2003	2.1	2.1	2.2	2.5	2.0	2.0	2.0	2.3
2004	1.9	1.9	1.9	2.0	1.9	2.0	1.7	2.3
2005	2.1	2.1	2.7	2.8	2.6	1.8	1.8	2.8
2006	2.1	2.0	1.9	2.0	1.9	1.8	2.0	2.7
2007	2.0	2.0	2.5	2.0	2.8	2.1	1.8	2.1
2008	1.9	1.9	2.4	2.3	2.4	1.9	1.8	2.0
2009	1.9	1.9	2.3	2.7	2.2	1.9	1.8	2.1
Hispanic								
1999	1.5	1.5	1.6	1.9	1.5	1.3	1.5	2.0
2000	1.2	1.2	1.4	1.4	1.4	1.0	1.1	1.4
2001	1.1	1.1	1.2	1.4	1.1	0.7	1.0	2.0
2002	1.2	1.2	1.3	1.8	0.9	1.0	1.3	1.8
2003	1.2	1.2	1.2	1.6	1.0	1.1	1.3	1.0
2004	1.1	1.1	1.0	1.0	1.0	1.2	1.1	1.4
2005	1.4	1.4	1.9	1.6	2.1	1.0	1.2	2.8
2006	1.4	1.4	1.3	1.7	1.1	1.1	1.4	2.3
2007	1.3	1.3	1.5	0.9	1.9	1.1	1.2	1.8
2008	1.4	1.3	1.3	1.5	1.2	1.4	1.3	1.6
2009	1.2	1.2	1.2	1.9	0.9	0.7	1.3	1.7
Non-Hispanic Asian								
1999	1.4	1.4	3.2	10.0	0.0	0.3	1.2	3.0
2000	0.8	0.8	0.0	0.0	0.0	0.6	0.6	1.7
2001	1.3	1.3	3.1	0.0	3.8	0.7	1.4	0.6
2002	1.2	1.2	9.7	0.0	13.6	0.8	0.7	2.5
2003	1.3	1.3	4.9	0.0	6.9	0.7	1.4	1.2
2004	1.3	1.3	2.2	5.9	0.0	0.4	1.0	3.0
2005	1.4	1.4	3.1	0.0	5.3	2.0	1.1	1.6
2006	1.2	1.2	0.0	0.0	0.0	0.0	1.3	1.7
2007	0.7	0.7	0.0	0.0	0.0	0.4	0.9	0.6
2008	1.0	1.0	0.0	0.0	0.0	0.5	0.7	2.0
2009	1.0	1.0	0.0	0.0	0.0	0.5	0.6	2.5
Non-Hispanic Black								
1999	3.6	3.6	3.0	3.2	2.8	3.0	4.3	5.2
2000	3.5	3.4	2.4	2.3	2.5	2.9	4.4	4.3
2001	3.1	3.1	3.0	3.7	2.4	2.7	3.3	4.4
2002	3.6	3.6	3.2	3.5	3.0	3.5	3.9	3.7
2003	3.5	3.5	2.8	2.9	2.7	3.1	4.1	4.7
2004	3.2	3.2	2.7	2.8	2.7	3.0	3.3	4.0
2005	3.5	3.4	3.4	3.8	3.1	2.9	3.6	5.0
2006	3.2	3.2	2.5	2.3	2.6	2.9	3.6	4.8
2007	3.6	3.6	3.3	2.9	3.6	3.2	3.6	5.3
2008	3.3	3.2	3.1	2.7	3.3	2.6	3.6	4.3
2009	3.5	3.5	3.1	3.4	3.0	3.1	3.6	5.0
Non-Hispanic White								
1999	1.3	1.3	1.7	2.4	1.4	0.8	1.1	1.9
2000	1.3	1.3	1.2	0.0	1.7	1.3	1.2	1.6
2001	1.3	1.3	2.0	5.1	0.8	1.3	1.3	1.4
2002	1.4	1.4	1.5	4.8	0.4	1.0	1.3	2.0
2003	1.4	1.4	2.4	5.7	1.4	1.0	1.3	1.9
2004	1.3	1.3	0.4	0.0	0.5	0.6	1.2	2.0
2005	1.3	1.3	1.2	0.0	1.7	0.6	1.2	1.8
2006	1.6	1.6	0.8	1.6	0.5	0.9	1.5	2.1
2007	1.0	1.0	0.5	1.7	0.0	1.3	1.0	1.0
2008	1.1	1.1	2.1	1.8	2.3	0.5	1.1	1.2
2009	1.1	1.1	1.0	0.0	1.4	1.4	1.1	1.0

*Less than 1,500 grams or 3 pounds 4 ounces.

Table 73. Singleton births delivered at very low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	898	891	172	77	95	221	389	109
2000	828	814	140	52	88	188	377	109
2001	739	730	153	77	76	177	294	106
2002	788	782	128	63	65	213	341	100
2003	751	747	112	51	61	189	328	118
2004	666	659	102	37	65	184	270	103
2005	706	701	126	56	70	153	289	133
2006	711	706	107	42	65	168	308	123
2007	663	652	117	46	71	171	252	112
2008	671	666	121	45	76	158	278	109
2009	659	652	107	37	70	146	283	116
Hispanic								
1999	212	210	39	19	20	54	93	24
2000	177	176	32	13	19	46	78	20
2001	169	168	35	14	21	37	67	29
2002	181	180	29	18	11	41	89	21
2003	167	166	24	10	14	46	81	15
2004	162	162	21	8	13	55	66	20
2005	190	190	38	12	26	35	78	39
2006	193	191	28	12	16	47	89	27
2007	166	163	23	8	15	41	67	32
2008	176	175	24	10	14	52	72	27
2009	153	151	22	13	9	26	69	34
Non-Hispanic Asian								
1999	20	20	2	2	0	1	10	7
2000	13	13	0	0	0	0	7	6
2001	15	15	0	0	0	2	11	2
2002	22	21	1	0	1	2	9	9
2003	22	22	2	0	2	2	13	5
2004	23	23	1	1	0	1	13	8
2005	23	22	1	0	1	3	12	6
2006	16	16	0	0	0	0	8	8
2007	11	11	0	0	0	1	7	3
2008	20	20	0	0	0	1	10	9
2009	13	13	0	0	0	1	4	8
Non-Hispanic Black								
1999	580	575	123	53	70	155	242	55
2000	539	528	103	39	64	126	241	58
2001	475	467	111	58	53	129	171	56
2002	503	499	93	41	52	159	199	48
2003	471	468	80	37	43	133	190	65
2004	411	404	80	28	52	122	151	51
2005	424	420	84	44	40	111	165	60
2006	411	408	77	29	48	113	160	58
2007	422	415	93	37	56	118	144	60
2008	391	388	91	32	59	100	147	50
2009	408	403	83	24	59	111	154	55
Non-Hispanic White								
1999	84	84	8	3	5	9	44	23
2000	97	95	5	0	5	15	50	25
2001	78	78	7	5	2	9	44	18
2002	78	78	5	4	1	11	41	21
2003	90	90	6	4	2	8	43	33
2004	68	68	0	0	0	6	39	23
2005	68	68	3	0	3	4	33	28
2006	90	90	2	1	1	8	50	30
2007	59	58	1	1	0	10	30	17
2008	75	74	4	1	3	4	45	21
2009	81	81	2	0	2	8	53	18

*Less than 1,500 grams or 3 pounds 4 ounces.

Table 74. Percent of singleton births delivered at very low* birthweight by age and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
1999	1.8	1.8	2.0	2.4	1.8	1.6	1.7	1.9
2000	1.6	1.6	1.8	1.7	1.8	1.4	1.7	1.8
2001	1.5	1.5	2.1	2.7	1.6	1.3	1.3	1.7
2002	1.6	1.6	1.9	2.4	1.6	1.7	1.5	1.6
2003	1.6	1.6	1.8	2.1	1.5	1.5	1.5	1.8
2004	1.4	1.4	1.6	1.6	1.7	1.6	1.2	1.6
2005	1.6	1.6	2.1	2.4	2.0	1.4	1.3	2.0
2006	1.6	1.5	1.7	1.8	1.7	1.5	1.4	1.8
2007	1.4	1.4	1.9	2.0	1.8	1.6	1.1	1.6
2008	1.5	1.5	2.1	2.2	2.1	1.5	1.3	1.5
2009	1.5	1.5	2.0	2.1	2.0	1.5	1.3	1.6
Hispanic								
1999	1.2	1.2	1.3	1.7	1.1	0.9	1.2	1.5
2000	1.0	1.0	1.1	1.2	1.0	0.8	1.0	1.3
2001	0.9	0.9	1.2	1.4	1.1	0.7	0.8	1.7
2002	1.0	1.0	1.1	1.8	0.7	0.7	1.1	1.3
2003	0.9	0.9	1.0	1.2	0.9	0.8	1.0	0.8
2004	0.9	0.9	0.8	0.9	0.8	1.1	0.8	1.1
2005	1.1	1.1	1.6	1.3	1.8	0.7	1.0	2.1
2006	1.1	1.1	1.2	1.4	1.1	0.9	1.1	1.4
2007	1.0	0.9	1.0	0.9	1.0	0.9	0.8	1.6
2008	1.1	1.1	1.1	1.3	1.0	1.2	0.9	1.4
2009	1.0	1.0	1.1	1.9	0.7	0.6	0.9	1.7
Non-Hispanic Asian								
1999	1.0	1.0	3.2	10.0	0.0	0.3	0.7	2.4
2000	0.6	0.6	0.0	0.0	0.0	0.0	0.5	1.7
2001	0.8	0.8	0.0	0.0	0.0	0.7	0.8	0.6
2002	1.1	1.1	3.2	0.0	4.5	0.8	0.7	2.5
2003	1.0	1.0	4.9	0.0	6.9	0.7	0.9	1.2
2004	1.1	1.1	2.2	5.9	0.0	0.4	0.9	2.0
2005	1.1	1.0	3.1	0.0	5.3	1.2	0.8	1.4
2006	0.7	0.7	0.0	0.0	0.0	0.0	0.6	1.7
2007	0.5	0.5	0.0	0.0	0.0	0.4	0.5	0.6
2008	0.8	0.9	0.0	0.0	0.0	0.5	0.7	1.5
2009	0.5	0.5	0.0	0.0	0.0	0.5	0.3	1.3
Non-Hispanic Black								
1999	2.9	2.9	2.5	2.7	2.3	2.5	3.5	3.4
2000	2.8	2.7	2.3	2.0	2.5	2.0	3.5	3.5
2001	2.6	2.5	2.7	3.4	2.1	2.1	2.6	3.3
2002	2.9	2.9	2.5	2.7	2.3	2.8	3.2	3.1
2003	2.8	2.8	2.3	2.6	2.1	2.4	3.2	4.0
2004	2.5	2.5	2.4	2.1	2.6	2.3	2.6	3.4
2005	2.7	2.7	2.6	3.3	2.1	2.2	2.9	4.3
2006	2.6	2.6	2.2	2.1	2.3	2.3	2.8	4.1
2007	2.7	2.7	2.6	2.8	2.6	2.4	2.5	4.2
2008	2.6	2.6	2.8	2.7	2.8	2.1	2.6	3.6
2009	2.8	2.8	2.7	2.4	2.9	2.4	2.9	4.1
Non-Hispanic White								
1999	0.8	0.8	1.7	2.4	1.4	0.6	0.7	1.0
2000	0.9	0.9	1.2	0.0	1.7	1.0	0.8	1.0
2001	0.8	0.8	2.0	5.1	0.8	0.7	0.7	0.7
2002	0.7	0.7	1.5	4.8	0.4	0.9	0.7	0.8
2003	0.9	0.9	2.1	5.7	0.9	0.7	0.7	1.2
2004	0.7	0.7	0.0	0.0	0.0	0.6	0.6	0.8
2005	0.7	0.7	1.2	0.0	1.7	0.4	0.5	1.0
2006	0.9	0.9	0.8	1.6	0.5	0.8	0.8	1.0
2007	0.5	0.5	0.5	1.7	0.0	1.1	0.4	0.6
2008	0.7	0.7	2.1	1.8	2.3	0.5	0.6	0.7
2009	0.7	0.7	1.0	0.0	1.4	1.0	0.7	0.6

*Less than 1,500 grams or 3 pounds 4 ounces.

Table 75. Births and percent of births by plurality and age and race-ethnicity of mother, Chicago, 2009

Plurality and race-ethnicity of mother	Age of mother (years)							
	All Ages	15-44	15-19			20-24	25-34	35-44
			Total	15-17	18-19			
All race-ethnicities								
Singleton births								
Number	42,760	42,613	5,163	1,731	3,432	9,472	21,148	6,830
Percent	96.2	96.2	98.3	98.1	98.4	97.4	96.1	93.7
Twin births								
Number	1,610	1,590	88	33	55	257	807	438
Percent	3.6	3.6	1.7	1.9	1.6	2.6	3.7	6.0
Triplet or higher order births								
Number	71	71	0	0	0	0	53	18
Percent	0.2	0.2	0.0	0.0	0.0	0.0	0.2	0.2
Hispanic								
Singleton births								
Number	15,314	15,270	1,938	684	1,254	4,010	7,362	1,960
Percent	97.7	97.7	99.0	98.4	99.4	97.9	97.5	97.0
Twin births								
Number	333	333	19	11	8	85	169	60
Percent	2.1	2.1	1.0	1.6	0.6	2.1	2.2	3.0
Triplet or higher order births								
Number	21	21	0	0	0	0	21	0
Percent	0.1	0.1	0.0	0.0	0.0	0.0	0.3	0.0
Non-Hispanic Asian								
Singleton births								
Number	2,316	2,312	28	--	--	206	1,505	573
Percent	96.5	96.6	100.0	--	--	98.1	97.1	94.7
Twin births								
Number	77	75	0	0	0	4	42	29
Percent	3.2	3.1	0.0	0.0	0.0	1.9	2.7	4.8
Triplet or higher order births								
Number	6	6	0	0	0	0	3	3
Percent	0.3	0.3	0.0	0.0	0.0	0.0	0.2	0.5
Non-Hispanic Black								
Singleton births								
Number	13,941	13,888	2,999	986	2,013	4,455	5,164	1,270
Percent	96.5	96.5	97.9	97.8	98	96.8	95.9	94.3
Twin births								
Number	503	503	63	22	41	145	221	74
Percent	3.5	3.5	2.1	2.2	2.0	3.2	4.1	5.5
Triplet or higher order births								
Number	4	4	0	0	0	0	1	3
Percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Non-Hispanic White								
Singleton births								
Number	10,938	10,893	186	50	136	773	6,968	2,966
Percent	93.9	94.0	96.9	100.0	95.8	97.1	94.7	91.7
Twin births								
Number	665	651	6	0	6	23	365	257
Percent	5.7	5.6	3.1	0.0	4.2	2.9	5.0	7.9
Triplet or higher order births								
Number	40	40	0	0	0	0	28	12
Percent	0.3	0.3	0.0	0.0	0.0	0.0	0.4	0.4

Table 76. Births and percent of births by plurality and race-ethnicity of mother, Chicago, 1999-2009

Year of birth and race-ethnicity of mother	Singleton births		Twin births		Triplet or higher order births	
	Number	Percent	Number	Percent	Number	Percent
All race-ethnicities						
1999	49,044	97.1	1,439	2.8	51	0.1
2000	49,323	96.9	1,466	2.9	87	0.2
2001	47,910	96.6	1,594	3.2	76	0.2
2002	46,341	96.7	1,528	3.2	73	0.2
2003	46,303	96.4	1,649	3.4	82	0.2
2004	44,951	96.5	1,548	3.3	64	0.1
2005	43,879	96.6	1,474	3.2	62	0.1
2006	44,243	96.5	1,539	3.4	48	0.1
2007	44,656	96.6	1,552	3.4	35	0.1
2008	43,763	96.4	1,556	3.4	57	0.1
2009	42,760	96.2	1,610	3.6	71	0.2
Hispanic						
1999	17,595	98.1	338	1.9	9	0.1
2000	18,198	98.2	323	1.7	19	0.1
2001	18,187	97.8	397	2.1	21	0.1
2002	17,840	98.1	330	1.8	14	0.1
2003	17,923	97.8	385	2.1	22	0.1
2004	17,426	97.9	362	2.0	18	0.1
2005	17,014	98.1	311	1.8	11	0.1
2006	17,106	97.8	386	2.2	6	0.0
2007	16,996	97.7	385	2.2	12	0.1
2008	16,221	97.8	356	2.1	3	0.0
2009	15,314	97.7	333	2.1	21	0.1
Non-Hispanic Asian						
1999	1,986	98.0	37	1.8	3	0.1
2000	2,082	98.1	37	1.7	3	0.1
2001	1,938	97.5	43	2.2	6	0.3
2002	1,941	97.2	55	2.8	0	0.0
2003	2,118	98.3	34	1.6	3	0.1
2004	2,081	97.5	51	2.4	3	0.1
2005	2,103	98.0	43	2.0	0	0.0
2006	2,093	96.2	80	3.7	3	0.1
2007	2,240	97.3	60	2.6	3	0.1
2008	2,280	96.9	73	3.1	0	0.0
2009	2,316	96.5	77	3.2	6	0.3
Non-Hispanic Black						
1999	19,264	96.6	667	3.3	15	0.1
2000	18,747	96.5	674	3.5	15	0.1
2001	17,892	96.3	673	3.6	9	0.0
2002	16,551	96.2	638	3.7	17	0.1
2003	16,213	95.9	676	4.0	21	0.1
2004	15,544	96.3	575	3.6	16	0.1
2005	14,844	96.2	576	3.7	18	0.1
2006	15,138	96.5	531	3.4	18	0.1
2007	14,988	95.9	615	3.9	20	0.1
2008	14,440	96.2	542	3.6	21	0.1
2009	13,941	96.5	503	3.5	4	0.0
Non-Hispanic White						
1999	10,112	96.0	393	3.7	24	0.2
2000	10,198	95.5	429	4.0	50	0.5
2001	9,815	95.0	479	4.6	40	0.4
2002	9,933	94.8	503	4.8	42	0.4
2003	9,960	94.4	550	5.2	36	0.3
2004	9,795	94.4	553	5.3	27	0.3
2005	9,821	94.6	533	5.1	33	0.3
2006	9,794	94.6	537	5.2	21	0.2
2007	10,277	95.5	484	4.5	0	0.0
2008	10,576	94.7	563	5.0	33	0.3
2009	10,938	93.9	665	5.7	40	0.3

Table 77. Births with abnormal conditions by gestational age and race-ethnicity of mother, Chicago, 2009

Abnormal condition and race-ethnicity of mother	Period of gestation (weeks)										
	Preterm					Term					Postterm
	Total < 32	< 28	28-31	32-33	34-36	Total < 37	37-41	Early 37-38	Full 39 40-41		≥ 42
All race-ethnicities											
Anemia (HCT* < 39/HGB ¹ < 13)	1	1	0	2	1	4	10	4	4	2	0
Assisted ventilation											
< 30 minutes	124	41	83	61	287	472	1,683	500	542	634	8
≥ 30 minutes	216	96	120	65	125	406	247	72	62	111	2
Birth injury	1	0	1	0	2	3	20	2	10	7	1
Hyaline membrane disease/RDS ²	38	13	25	6	20	64	35	14	10	11	0
Meconium aspiration syndrome	0	0	0	0	4	4	34	4	9	21	0
Seizures	1	0	1	0	3	4	6	1	2	3	0
Hispanic											
Anemia (HCT < 39/HGB < 13)	0	0	0	1	0	1	1	0	0	1	0
Assisted ventilation											
< 30 minutes	36	11	25	13	69	118	427	128	141	155	3
≥ 30 minutes	57	25	32	8	30	95	68	17	15	35	1
Birth injury	0	0	0	0	1	1	8	1	3	3	1
Hyaline membrane disease/RDS	10	3	7	0	5	15	9	3	3	3	0
Meconium aspiration syndrome	0	0	0	0	1	1	11	2	2	7	0
Seizures	1	0	1	0	2	3	2	1	0	1	0
Non-Hispanic Asian											
Anemia (HCT < 39/HGB < 13)	0	0	0	0	0	0	1	1	0	0	0
Assisted ventilation											
< 30 minutes	5	1	4	3	11	19	91	33	26	32	0
≥ 30 minutes	12	6	6	0	1	13	7	4	0	3	0
Birth injury	0	0	0	0	0	0	0	0	0	0	0
Hyaline membrane disease/RDS	2	1	1	0	0	2	1	1	0	0	0
Meconium aspiration syndrome	0	0	0	0	0	0	0	0	0	0	0
Seizures	0	0	0	0	0	0	0	0	0	0	0
Non-Hispanic Black											
Anemia (HCT < 39/HGB < 13)	1	1	0	1	1	3	5	2	2	1	0
Assisted ventilation											
< 30 minutes	65	25	40	31	118	214	522	169	183	170	1
≥ 30 minutes	102	46	56	31	62	195	82	26	21	35	0
Birth injury	0	0	0	0	0	0	3	0	1	2	0
Hyaline membrane disease/RDS	18	6	12	1	7	26	13	4	4	5	0
Meconium aspiration syndrome	0	0	0	0	3	3	13	2	4	7	0
Seizures	0	0	0	0	0	0	4	0	2	2	0
Non-Hispanic White											
Anemia (HCT < 39/HGB < 13)	0	0	0	0	0	0	3	1	2	0	0
Assisted ventilation											
< 30 minutes	17	4	13	14	86	117	629	166	190	270	3
≥ 30 minutes	40	17	23	25	29	94	87	25	25	37	0
Birth injury	1	0	1	0	1	2	9	1	6	2	0
Hyaline membrane disease/RDS	7	3	4	5	8	20	12	6	3	3	0
Meconium aspiration syndrome	0	0	0	0	0	0	10	0	3	7	0
Seizures	0	0	0	0	1	1	0	0	0	0	0

*Hematocrit.

¹Hemoglobin.²Neonatal respiratory distress syndrome.

Table 78. Births with abnormal conditions by gestational age and race-ethnicity of mother, Chicago, 2009

Abnormal condition and race-ethnicity of mother	Period of gestation (weeks)										
	Preterm					Term				Postterm	
	Total < 32	< 28	28-31	32-33	34-36	Total < 37	37-41	Early 37-38	Full 39 40-41		≥ 42
All race-ethnicities											
Anemia (HCT* < 39/HGB ¹ < 13)	0.1	0.2	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Assisted ventilation											
< 30 minutes	12.4	9.1	15.2	11.1	8.9	9.9	4.3	4.6	4.0	4.3	5.0
≥ 30 minutes	21.7	21.3	21.9	11.9	3.9	8.5	0.6	0.7	0.5	0.8	1.3
Birth injury	0.1	0.0	0.2	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.6
Hyaline membrane disease/RDS ²	3.8	2.9	4.6	1.1	0.6	1.3	0.1	0.1	0.1	0.1	0.0
Meconium aspiration syndrome	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0
Seizures	0.1	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Hispanic											
Anemia (HCT < 39/HGB < 13)	0.0	0.0	0.0	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Assisted ventilation											
< 30 minutes	14.7	10.3	18.1	8.9	7.1	8.7	3.0	3.3	3.0	2.8	7.9
≥ 30 minutes	23.3	23.4	23.2	5.5	3.1	7.0	0.5	0.4	0.3	0.6	2.6
Birth injury	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	2.6
Hyaline membrane disease/RDS	4.1	2.8	5.1	0.0	0.5	1.1	0.1	0.1	0.1	0.1	0.0
Meconium aspiration syndrome	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0
Seizures	0.4	0.0	0.7	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Non-Hispanic Asian											
Anemia (HCT < 39/HGB < 13)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Assisted ventilation											
< 30 minutes	17.9	8.3	25.0	18.8	7.3	9.8	4.1	4.7	3.2	4.7	0.0
≥ 30 minutes	42.9	50.0	37.5	0.0	0.7	6.7	0.3	0.6	0.0	0.4	0.0
Birth injury	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyaline membrane disease/RDS	7.1	8.3	6.3	0.0	0.0	1.0	0.0	0.1	0.0	0.0	0.0
Meconium aspiration syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Seizures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hispanic Black											
Anemia (HCT < 39/HGB < 13)	0.2	0.4	0.0	0.4	0.1	0.1	0.0	0.1	0.0	0.0	0.0
Assisted ventilation											
< 30 minutes	11.9	9.4	14.2	11.7	9.1	10.1	4.3	4.6	4.4	3.8	1.9
≥ 30 minutes	18.6	17.3	19.9	11.7	4.8	9.2	0.7	0.7	0.5	0.8	0.0
Birth injury	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyaline membrane disease/RDS	3.3	2.3	4.3	0.4	0.5	1.2	0.1	0.1	0.1	0.1	0.0
Meconium aspiration syndrome	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.2	0.0
Seizures	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-Hispanic White											
Anemia (HCT < 39/HGB < 13)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Assisted ventilation											
< 30 minutes	10.4	6.8	12.5	11.9	11.0	11.0	6.0	6.6	4.8	6.7	5.1
≥ 30 minutes	24.5	28.8	22.1	21.2	3.7	8.8	0.8	1.0	0.6	0.9	0.0
Birth injury	0.6	0.0	1.0	0.0	0.1	0.2	0.1	0.0	0.2	0.0	0.0
Hyaline membrane disease/RDS	4.3	5.1	3.8	4.2	1.0	1.9	0.1	0.2	0.1	0.1	0.0
Meconium aspiration syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.0
Seizures	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0

*Hematocrit.

¹Hemoglobin.²Neonatal respiratory distress syndrome.

TECHNICAL NOTES

Data Sources

The Chicago Department of Public Health (CDPH) generated the tables and figures using geocoded annual birth certificate datasets supplied by the Illinois Department of Public Health (IDPH). These datasets are comprised of data for registered births to women who resided in Chicago at the time of birth. During 1999-2009, the 1989 revision of the U.S. Standard Certificate of Live Birth was used in Illinois (see Figure 11). Geocoding is the process of using location data, such as street address, to determine associated geographic identifiers, such as latitude and longitude, postal code, or community area. Births classified as Chicago but for which the census tract of residence is located outside the city limits were excluded; this resulted in the exclusion of approximately one out of every 5,000 births. The source of annual population estimates for racial-ethnic groups and Chicago community areas was a linear interpolation of counts from the 2000 and 2010 United States Census.¹ Population counts from the 2000 U.S. Census were used for the year 1999.

Limitations of Birth Certificate Data

The reliability and validity of the data originating from birth certificates has been researched previously by comparing birth certificate data with other types of medical records. These studies have demonstrated the accuracy of many variables, such as those related to demographics, birth outcomes (e.g., birthweight, gestational age, Apgar score) and method of delivery. Others, such as prenatal care, tobacco use, medical risk factors and abnormal conditions of the infant have been found to be less accurate. The extent to which these and other variables are unreliable vary from study to study, and may be due to under- or over-reporting. The validity of reports of infrequent events (e.g., congenital anomalies) is generally lower than reports of frequent events. Standardization of data collection and increasing levels of training and education of hospital staff responsible for collecting and completing birth certificates are cited as ways to increase the reliability and validity of birth certificate data.²⁻⁶

Both U.S. Census data tables and the birth certificate datasets provided by IDPH contain data for race and Hispanic ethnicity, but the categorization of race differs. U.S. race categories facilitate the recording of multiple races. The birth certificate dataset has one variable for mother's race; although it contains "other" categories (i.e., "other non-white," "other Asian," "unknown"), the categories are not directly comparable with those used by the U.S. Census. This discrepancy could result in some mothers who would be classified as multiracial using U.S. Census categories being recorded as non-Hispanic (NH) Asian, NH black or NH white. Subsequently, the calculated crude birth rates, general fertility rates, total fertility rates and teen birth rates may be artificially higher for these racial-ethnic

groups in Chicago than in jurisdictions outside of Illinois using a means of categorizing mothers' race that is more similar to the one used by the U.S. Census.

Data Reporting

The guidelines for primary data suppression utilized in this report are based on the value of both the event (numerator) and population or group size (denominator). Data are not reported when the population or group size is between 10 and 29, inclusive, and the difference between the number of events and population or group size is between 1 and 5, inclusive. Data are also not reported when the population or group size is less than 10 and the number of events is between 1 and 9, inclusive. Secondary suppression was used when necessary. Suppressed data is indicated by an "--" in the tables.

The annual number of births to residents of certain Chicago community areas is less than 100. To enhance the reliability of estimates and comparisons, in this report, community area-level counts are aggregated for 2005-2009 for the calculation of rates, percentages and confidence intervals, and an average annual count is provided. Several natality indicators are available by community area for individual years via the City of Chicago Open Data Portal.⁷

Confidence intervals were only calculated for rates and percentages by community area in this report per CDPH's procedure for data dissemination of public health events by geographic units smaller than the city (e.g., community areas). Procedures differ for calculating confidence intervals for rates and percentages, and also differ depending on the number of births on which these statistics are based. CDPH used the methods described in a 2000 publication from the National Center for Health Statistics.⁸

Throughout this report – in all titles, tables and figures – the term "births" is synonymous with "live births."

Definitions for Selected Indicators⁹

The **crude birth rate** is the number of live births to resident mothers in a specified geographic area, divided by the total population for the same geographic area for a specified time period resulting in a fraction, which is then multiplied by 1,000. The "population at risk" of giving birth to a live neonate is poorly represented by the total population. As a result, the crude birth rate is affected by the demographic distribution of the population in the denominator, especially by sex and age, but also by race or ethnicity category and other demographic characteristics. There are other fertility measures that are more specific to the population-at-risk and more comparable across time and geography, such as the general fertility rate.

An **age-specific birth rate** is the number of live births to resident women in a specific age group in a specified geographic area, divided by the total female population in the same age group for the same geographic area and time period multiplied by 1,000. The **teen birth rate** refers to mothers aged 15-19

Figure 11. 1989 revision of the U.S. Standard Certificate of Live Birth

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK		LOCAL FILE NUMBER		U.S. STANDARD CERTIFICATE OF LIVE BIRTH		BIRTH NUMBER	
CHILD		1. CHILD'S NAME (First, Middle, Last)		2. DATE OF BIRTH (Month, Day, Year)		3. TIME OF BIRTH	
		4. SEX		5. CITY, TOWN, OR LOCATION OF BIRTH		6. COUNTY OF BIRTH	
		7. PLACE OF BIRTH: <input type="checkbox"/> Hospital <input type="checkbox"/> Freestanding Birthing Center <input type="checkbox"/> Clinic/Doctor's Office <input type="checkbox"/> Residence <input type="checkbox"/> Other (Specify) _____		8. FACILITY NAME (If not institution, give street and number)			
CERTIFIER/ ATTENDANT		9. I certify that this child was born alive at the place and time and on the date stated. Signature _____		10. DATE SIGNED (Month, Day, Year)		11. ATTENDANT'S NAME AND TITLE (If other than certifier) (Type/Print) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____	
DEATH UNDER ONE YEAR OF AGE Enter State File Number of death certificate for this child		12. CERTIFIER'S NAME AND TITLE (Type/Print) Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> Hospital Admin. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____		13. ATTENDANT'S MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)			
		14. REGISTRAR'S SIGNATURE _____		15. DATE FILED BY REGISTRAR (Month, Day, Year)			
MOTHER		16a. MOTHER'S NAME (First, Middle, Last)		16b. MAIDEN SURNAME		17. DATE OF BIRTH (Month, Day, Year)	
		18. BIRTHPLACE (State or Foreign Country)		19a. RESIDENCE—STATE		19b. COUNTY	
		19c. CITY, TOWN, OR LOCATION		19d. STREET AND NUMBER			
		19e. INSIDE CITY LIMITS? (Yes or no)		20. MOTHER'S MAILING ADDRESS (If same as residence, enter Zip Code on _____)			
FATHER		21. FATHER'S NAME (First, Middle, Last)		22. DATE OF BIRTH (Month, Day, Year)		23. BIRTHPLACE (State or Foreign Country)	
INFORMANT		24. I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief. Signature of Parent or Other Informant _____					
INFORMATION FOR MEDICAL AND HEALTH USE ONLY							
MOTHER		25. OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.) 25a. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify: _____		26. RACE—American Indian, Black, White, etc. (Specify below) 26a. _____		27. EDUCATION (Specify only highest grade completed) Elementary/Secondary (0-12) College (1-4 or 5+) 27a. _____	
FATHER		25b. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify: _____		26b. _____		27b. _____	
		28. PREGNANCY HISTORY (Complete each section)		29. MOTHER MARRIED? (At birth, conception, or any time between) (Yes or no)		30. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)	
		LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and induced at any time after conception)		31. MONTH OF PREGNANCY PRENATAL CARE BEGAN—First, Second, Third, etc. (Specify)	
		28a. Now Living Number _____		28b. Now Dead Number _____		32. PRENATAL VISITS—Total Number (If none, so state)	
		28c. DATE OF LAST LIVE BIRTH (Month, Year)		28d. DATE OF LAST OTHER TERMINATION (Month, Year)		33. BIRTH WEIGHT (Specify unit)	
MULTIPLE BIRTHS Enter State File Number for Mate(s) LIVE BIRTH(S)		28e. DATE OF LAST LIVE BIRTH (Month, Year)		28f. DATE OF LAST OTHER TERMINATION (Month, Year)		34. CLINICAL ESTIMATE OF GESTATION (Week)	
FETAL DEATH(S)		28g. DATE OF LAST LIVE BIRTH (Month, Year)		28h. DATE OF LAST OTHER TERMINATION (Month, Year)		35a. PLURALITY—Single, Twin, Triplet, etc. (Specify)	
		36. APGAR SCORE		37a. MOTHER TRANSFERRED PRIOR TO DELIVERY? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, enter name of facility transferred from: _____			
		36a. 1 Minute		36b. 5 Minutes		37b. INFANT TRANSFERRED? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, enter name of facility transferred to: _____	

(continued on next page)

years. The teen birth rate should not be confused with the **percent of births to teens** which is the number of births to teens in an area divided by the total number of births in the area and multiplied by 100.

The **total fertility rate** is the sum of the age-specific birth rates for 5-year age groupings of female residents between 10

and 49 years from a specified geographic area during a specified time period (usually a calendar year) multiplied by 5. The total fertility rate is an estimate of the number of children 1,000 women would bear in their lifetime if they experienced the same age-specific birth rates as those in the specified geographic area for the specified time period.

Figure 11. 1989 revision of the U.S. Standard Certificate of Live Birth (continued)

<p>38a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)</p> <p>Anemia (Hct. < 30/Hgb. < 10) 01 <input type="checkbox"/></p> <p>Cardiac disease 02 <input type="checkbox"/></p> <p>Acute or chronic lung disease 03 <input type="checkbox"/></p> <p>Diabetes 04 <input type="checkbox"/></p> <p>Genital herpes 05 <input type="checkbox"/></p> <p>Hydramnios/Oligohydramnios 06 <input type="checkbox"/></p> <p>Hemoglobinopathy 07 <input type="checkbox"/></p> <p>Hypertension, chronic 08 <input type="checkbox"/></p> <p>Hypertension, pregnancy-associated 09 <input type="checkbox"/></p> <p>Eclampsia 10 <input type="checkbox"/></p> <p>Incompetent cervix 11 <input type="checkbox"/></p> <p>Previous infant 4000+ grams 12 <input type="checkbox"/></p> <p>Previous preterm or small-for-gestational-age infant 13 <input type="checkbox"/></p> <p>Renal disease 14 <input type="checkbox"/></p> <p>Rh sensitization 15 <input type="checkbox"/></p> <p>Uterine bleeding 16 <input type="checkbox"/></p> <p>None 00 <input type="checkbox"/></p> <p>Other 17 <input type="checkbox"/></p> <p>(Specify)</p>	<p>40. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)</p> <p>Fever (> 100°F. or 38°C.) 01 <input type="checkbox"/></p> <p>Meconium, moderate/heavy 02 <input type="checkbox"/></p> <p>Premature rupture of membrane (> 12 hours) 03 <input type="checkbox"/></p> <p>Abruptio placenta 04 <input type="checkbox"/></p> <p>Placenta previa 05 <input type="checkbox"/></p> <p>Other excessive bleeding 06 <input type="checkbox"/></p> <p>Seizures during labor 07 <input type="checkbox"/></p> <p>Precipitous labor (< 3 hours) 08 <input type="checkbox"/></p> <p>Prolonged labor (> 20 hours) 09 <input type="checkbox"/></p> <p>Dysfunctional labor 10 <input type="checkbox"/></p> <p>Breech/Malpresentation 11 <input type="checkbox"/></p> <p>Cephalopelvic disproportion 12 <input type="checkbox"/></p> <p>Cord prolapse 13 <input type="checkbox"/></p> <p>Anesthetic complications 14 <input type="checkbox"/></p> <p>Fetal distress 15 <input type="checkbox"/></p> <p>None 00 <input type="checkbox"/></p> <p>Other 16 <input type="checkbox"/></p> <p>(Specify)</p>	<p>43. CONGENITAL ANOMALIES OF CHILD (Check all that apply)</p> <p>Anencephalus 01</p> <p>Spina bifida/Meningocele 02</p> <p>Hydrocephalus 03</p> <p>Microcephalus 04</p> <p>Other central nervous system anomalies (Specify) 05</p> <p>Heart malformations 06</p> <p>Other circulatory/respiratory anomalies (Specify) 07</p> <p>Rectal atresia/stenosis 08</p> <p>Tracheo-esophageal fistula/ Esophageal atresia 09</p> <p>Omphalocele/ Gastroschisis 10</p> <p>Other gastrointestinal anomalies (Specify) 11</p> <p>Malformed genitalia 12</p> <p>Renal agenesis 13</p> <p>Other urogenital anomalies (Specify) 14</p> <p>Cleft lip/palate 15</p> <p>Polydactyly/Syndactyly/Adactyly 16</p> <p>Club foot 17</p> <p>Diaphragmatic hernia 18</p> <p>Other musculoskeletal/integumental anomalies (Specify) 19</p> <p>Down's syndrome 20</p> <p>Other chromosomal anomalies (Specify) 21</p> <p>None 00</p> <p>Other (Specify) 22</p>
<p>38b. OTHER RISK FACTORS FOR THIS PREGNANCY (Complete all items)</p> <p>Tobacco use during pregnancy Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Average number cigarettes per day _____</p> <p>Alcohol use during pregnancy Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Average number drinks per week _____</p> <p>Weight gained during pregnancy _____ lbs.</p>	<p>41. METHOD OF DELIVERY (Check all that apply)</p> <p>Vaginal 01 <input type="checkbox"/></p> <p>Vaginal birth after previous C-section 02 <input type="checkbox"/></p> <p>Primary C-section 03 <input type="checkbox"/></p> <p>Repeat C-section 04 <input type="checkbox"/></p> <p>Forceps 05 <input type="checkbox"/></p> <p>Vacuum 06 <input type="checkbox"/></p>	
<p>39. OBSTETRIC PROCEDURES (Check all that apply)</p> <p>Amniocentesis 01 <input type="checkbox"/></p> <p>Electronic fetal monitoring 02 <input type="checkbox"/></p> <p>Induction of labor 03 <input type="checkbox"/></p> <p>Stimulation of labor 04 <input type="checkbox"/></p> <p>Tocolysis 05 <input type="checkbox"/></p> <p>Ultrasound 06 <input type="checkbox"/></p> <p>None 00 <input type="checkbox"/></p> <p>Other 07 <input type="checkbox"/></p> <p>(Specify)</p>	<p>42. ABNORMAL CONDITIONS OF THE NEWBORN (Check all that apply)</p> <p>Anemia (Hct. < 39/Hgb. < 13) 01 <input type="checkbox"/></p> <p>Birth injury 02 <input type="checkbox"/></p> <p>Fetal alcohol syndrome 03 <input type="checkbox"/></p> <p>Hyaline membrane disease/RDS 04 <input type="checkbox"/></p> <p>Meconium aspiration syndrome 05 <input type="checkbox"/></p> <p>Assisted ventilation < 30 min 06 <input type="checkbox"/></p> <p>Assisted ventilation ≥ 30 min 07 <input type="checkbox"/></p> <p>Seizures 08 <input type="checkbox"/></p> <p>None 00 <input type="checkbox"/></p> <p>Other 09 <input type="checkbox"/></p> <p>(Specify)</p>	

The **general fertility rate** is the number of resident live births for a specified geographic area divided by the female population aged 15-44 years for the same geographic area and time period resulting in a fraction, which is then multiplied by 1,000. The numerator includes all live births and not just those that occurred to women aged 15-44 years. The use of age 15-44 years for fertility is a common convention because it represents the primary childbearing years.

The **Adequacy of Prenatal Care Utilization (APNCU) Index**¹⁰ incorporates both the timing and quantity of prenatal care visits. The adequacy of prenatal care initiation is determined from the month prenatal care began:

- Adequate Plus: Prenatal care began in 1st or 2nd month of pregnancy;
- Adequate: Prenatal care began in 3rd or 4th month of pregnancy;
- Intermediate: Prenatal care began in 5th or 6th month of pregnancy;
- Inadequate: Prenatal care began in 7th, 8th or 9th month of pregnancy or there was no prenatal care.

The adequacy of the amount of prenatal care received is determined from the ratio of actual number of visits to a healthcare provider from the birth certificate to the expected number of visits based on the guidelines for uncomplicated pregnancies of the American College of Obstetricians and Gynecologists:

- Adequate Plus: 110% or more of recommended prenatal care visits received;
- Adequate: 80-109% of recommended prenatal care visits received;
- Intermediate: 50-79% of recommended prenatal care visits received;
- Inadequate: Less than 50% of recommended prenatal care visits received.

These two sub-indexes are merged to form the APNCU Index, in which prenatal care initiated after the fourth month of pregnancy or a mother receiving less than 50% of the recommended prenatal care visits is categorized as Inadequate. All other categories require prenatal care beginning by the fourth month and mimic the scale for the percentage of recommended prenatal care visits received. Of note, the APNCU Index only measures the utilization of prenatal care during pregnancy, not the quality of the care.

Table 79. Birth records on which specified items were not given, Chicago, 1999-2009

Item (Section number on birth certificate)	Year of birth										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Abnormal conditions of the newborn (42)	3	3	3	5	1	0	129	4	1	1	2
Age of mother (2,17)*	14	9	6	2	9	6	5	3	5	9	8
Average number of cigarettes per day (38b)	106	91	84	112	90	139	233	132	127	131	119
Clinical estimate of gestation (34)	580	530	428	294	345	396	347	215	198	196	278
Community area (19)*	612	772	529	538	656	634	525	528	552	476	436
Complications of labor and/or delivery (40)	0	1	3	5	1	0	129	4	1	6	1
Education of mother (27a)	1,110	806	964	870	861	1,040	914	867	1,059	1,171	1,165
Hispanic origin of mother (25a)	57	33	40	28	36	22	42	39	56	44	30
Is mother married (29)	22	15	15	14	24	17	17	30	4	16	17
Medical risk factors (38a)	0	2	11	5	1	2	126	4	2	3	1
Method of delivery (41)	6	9	12	11	11	19	34	11	2	21	18
Month prenatal care began (31)	2,109	1,359	1,811	1,794	2,966	3,914	3,174	2,766	3,692	4,357	3,968
Number of children born (35a)	0	0	0	0	0	0	0	0	0	0	0
Number of visits to doctor (32)	2,499	1,521	2,070	2,429	3,648	4,711	4,213	3,536	4,181	4,948	4,204
Obstetric procedures (39)	3	1	10	9	4	6	2	6	3	2	2
Place of birth of mother (18)	0	0	0	0	0	0	0	0	0	0	0
Pregnancy interval (28c, 28e)*	4,373	3,261	3,840	4,963	5,405	5,395	5,350	5,222	5,170	5,552	5,363
Race of mother (26a)	30	35	31	18	33	49	39	56	78	190	176
Trimester care began (31, 32)*	2,086	1,345	1,800	1,785	2,965	3,905	3,163	2,746	3,798	4,472	4,093
Total children born (28a)	0	0	0	0	0	0	0	0	0	0	0
Weight of child (33)	17	14	21	18	13	8	10	26	9	13	12

*Calculated from these items on the birth certificate.

Birth Records on which Specified Items Were Not Given

The number and percentage of birth records for which specified items were not given on the birth certificate and utilized in this report can be found in Tables 66 and 67. If the percentage missing was greater than 1% for multiple years (1999-2009), when calculating percentages, CDPH excluded the missing records from the denominator. An exception is that births to women recorded as Chicago residents, but for which no community area was given, were included in city-wide calculations.

95% Confidence Intervals

A confidence interval is a range of values used to describe the uncertainty around a measurement (e.g., rate) and serves as a measure of the variability in the data. Confidence intervals are calculated based on the standard error of the rate, which is based on the rate and the number of events (e.g., births). Most confidence intervals are calculated as 95% confidence intervals by convention. The 95% confidence interval can best be understood in these terms: if the measurement were conducted 100 times, 95 times the true value would be within the calculated confidence interval and 5 times the true value would be either higher or lower than the range of the confidence interval. For example, a crude birth rate of 10 births

per 1,000 population with a lower limit of 8 and an upper limit of 12 means that there is a 95 percent chance that the rate was between 8 and 12 births per 1,000. Conversely, there is a 5 percent chance that the rate was lower than 8 or higher than 12.

Confidence intervals for rates and percentages can be estimated from the actual number of births. Rates and percentages are subject to random error, arising from random fluctuations in the number of births over time or between different populations. The 95% confidence interval reflects the stability of the rates or percentages. A stable rate or percentage is one that would be close to the same value if the measurement were repeated, i.e., if the rate or percentage did not vary greatly from one year to the next. An unstable rate or percentage is one that would vary from one year to the next due to chance alone. Wider confidence intervals in relation to the rate or percentage indicate instability. Narrow confidence intervals indicate stability, and large fluctuations from year to year would not be expected. If differences are observed between stable rates or percentages (those with narrow confidence intervals), then it is likely that the differences represent true variations, rather than random fluctuations in the number of births. In general, if the 95% confidence intervals of two rates or percentages do not overlap, they are likely to be significantly different.

Table 80. Percent of birth records on which specified items were not given, Chicago, 1999-2009

Item (Section number on birth certificate)	Year of birth										
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Abnormal conditions of the newborn (42)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Age of mother (2,17)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average number of cigarettes per day (38b)	0.2	0.2	0.2	0.2	0.2	0.3	0.5	0.3	0.3	0.3	0.3
Clinical estimate of gestation (34)	1.1	1.0	0.9	0.6	0.7	0.9	0.8	0.5	0.4	0.4	0.6
Community area (19)*	1.2	1.5	1.1	1.1	1.4	1.4	1.2	1.2	1.2	1.0	1.0
Complications of labor and/or delivery (40)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Education of mother (27a)	2.2	1.6	1.9	1.8	1.8	2.2	2.0	1.9	2.3	2.6	2.6
Hispanic origin of mother (25a)	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
Is mother married (29)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Medical risk factors (38a)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Method of delivery (41)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Month prenatal care began (31)	4.2	2.7	3.7	3.7	6.2	8.4	7.0	6.0	8.0	9.6	8.9
Number of children born (35a)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Number of visits to doctor (32)	4.9	3.0	4.2	5.1	7.6	10.1	9.3	7.7	9.0	10.9	9.5
Obstetric procedures (39)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Place of birth of mother (18)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pregnancy interval (28c, 28e)*	8.1	6.1	7.1	9.2	10.0	10.0	9.9	9.7	9.6	10.3	10.0
Race of mother (26a)	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.4	0.4
Total children born (28a)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trimester care began (31)*	4.1	2.6	3.6	3.7	6.2	8.4	7.0	6.0	8.2	9.9	9.2
Weight of child (33)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

*Calculated from these items on the birth certificate.

Disclaimers

IDPH specifically disclaims responsibility for any analysis, interpretations, or conclusions. The population counts used in the rate calculations are estimates, and this potential source of error should be taken into account when considering the precision of the indicators. Error can result from geocoding as a result of inaccurate or incomplete source data (e.g., the recording of a person's residential residence does not include "North" or "South") or discrepancies in the reference data that is used to match addresses to their associated geographies (e.g., a particular street segment is excluded or associated to corresponding geographies incorrectly). This potential source of error should be taken into account when considering the precision of community area measures. Rate, percentage and confidence interval estimates for time periods or maternal demographic subgroups in which fewer than 20 instances of a given outcome (e.g., low birthweight) were reported are unreliable; this instability should also be considered when making comparisons. Methods and data sources may not be identical to those used in CDPH reports published prior to December 2012.

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