

Vital Statistics - Births

BIRTHS IN KANE COUNTY 2023



PREPARED BY
THE DIVISION OF PLANNING AND INFORMATION MANAGEMENT

RELEASED AUGUST 2025

This page was intentionally left blank.

Contents

Overview	4
Methods.....	4
Key Takeaways.....	4
Births and Birth Rates	5
Maternal Demographic Characteristics.....	6
Age of Mother	6
Births to Unmarried Women.....	7
Live Birth Order	7
Maternal Educational Attainment.....	7
Maternal Lifestyle and Birth Characteristics.....	8
Attendant at Birth and Location of Birth.....	8
Method of Delivery	8
Prenatal Care.....	8
Method of Payment	8
Tobacco and Alcohol Use	9
Infant Health Characteristics.....	9
Period of Gestation	9
Birthweight.....	9
Multiple Births.....	10
Infant Mortality.....	10
References.....	11
Detailed Data Tables.....	12
Table A: Total Births and Birth Rates	12
Table B: Total Births and Birth Rates by Race and Ethnicity.....	13
Table C: Birth Rate by Maternal Age Group	14
Table D: Total Births and Birth Rate for Women Aged 15-19 by Race and Ethnicity	14
Table E: Total First Births, First Birth Rate, and Percent First Birth by Race and Ethnicity and Age Group.....	15
Table F: Method of Delivery by Race and Ethnicity and Weeks Gestations.....	15
Table G: Prenatal Care Initiation by Race and Ethnicity and Age Group	16
Table H: Preterm Births [†] and Percent Born Preterm by Race and Ethnicity	16
Table I: Birthweight by Race and Ethnicity.....	17
Table J: Infant Mortality and Infant Mortality Rate (IMR)	18

This page was intentionally left blank.

Overview

This report is based on the National Vital Statistics System's National Vital Statistics Report for births in 2023. Data contained within this report are final unless stated otherwise. Information presented is intended to show Kane County birth characteristics, trends in fertility patterns, and describe maternal and infant health characteristics. When appropriate, data presented will be disaggregated by race and ethnicity, age, and other select demographic indicators. For more detailed 2023 births data, see the Detailed Data Tables at the end of this report.

Methods

The data contained in this report are representative of all registered births to Kane County residents through 2023. All demographic information, education status, insurance status, and residency location are based upon the mother's characteristics. Vital records (births and deaths) data are provided by the Illinois Department of Public Health (IDPH)^{1,2}.

Race and ethnicity are reported separately on birth records. For this report, race and ethnic groups are combined into the categories of Non-Hispanic White, Non-Hispanic Black, Non-Hispanic Other, and Hispanic or Latino. Women of Hispanic or Latino descent are not disaggregated by race because they are often reported as "White". Non-Hispanic Other includes race categories such as Asian American, Native Hawaiian or Other Pacific Islander, Native Indian or Alaska Native, or multiple races selected.

All rates presented are crude unless otherwise stated. All population denominators (excluding maternal education and marital status) are mid-year July 1st estimates from the US Census sourced from CDC WONDER^{3,4} for the respective year. Population denominators prior to 2020 are final intercensal estimates. Population denominators for 2021 and beyond are postcensal estimates and are subject to change as future population data are collected. All rates from 2021 and beyond should be treated as provisional. Maternal education⁵ and marital status⁶ estimates are from American Community Survey (ACS) 5-year estimates for the respective year. Different population estimates were used due to availability of breakdowns by race and ethnic origin. Data should be interpreted with caution.

Records with a case count less than 10 and rates calculated from these values will be suppressed in order to maintain individual and institution confidentiality. All true zero values are shown.

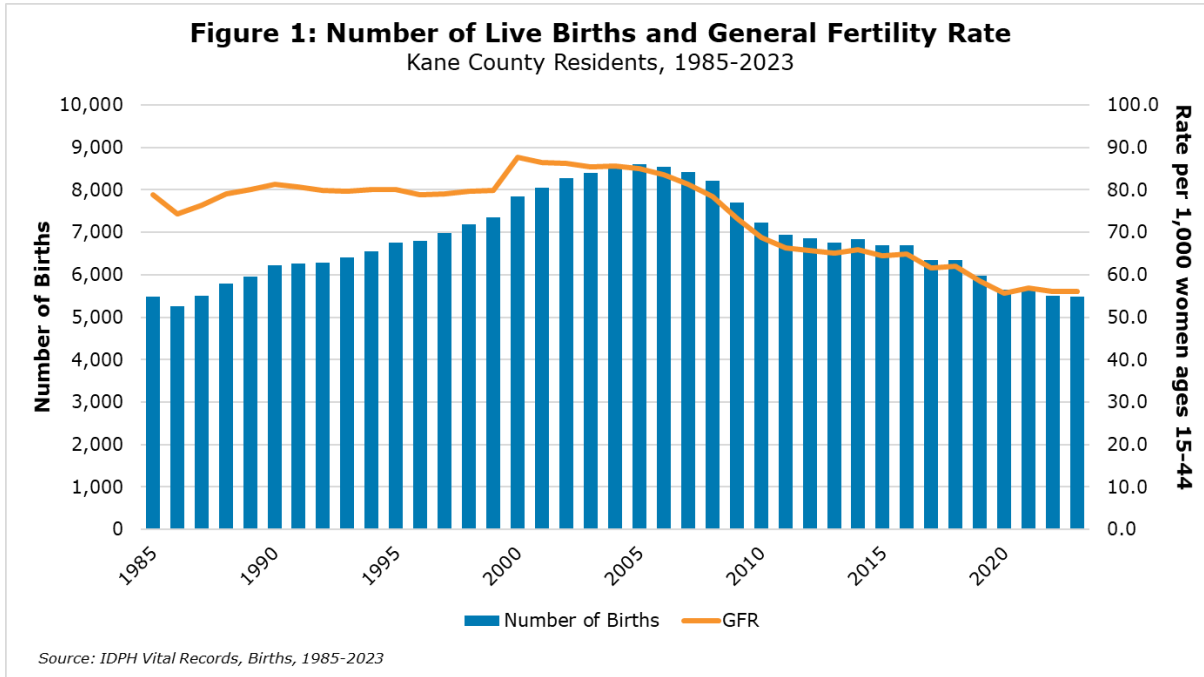
Key Takeaways

- There were 5,494 births to Kane County residents in 2023.
- Between 2022 and 2023, the general fertility rate[†] (GFR) remained unchanged at 56.0 births per 1,000 women ages 15-44 years.
- The teenage birth rate increased from 10.5 births per 1,000 women to 12.0 births per 1,000 women from 2022 to 2023, yet remains the lowest rate of birth of any age group.
- The percent of mothers beginning prenatal care within the first trimester decreased from 81.4% in 2022 to 79.0% in 2023.
- Between 2022, and 2023, the infant mortality rate increased from 4.5 infant deaths per 1,000 births to 7.1 infant deaths per 1,000 live births.

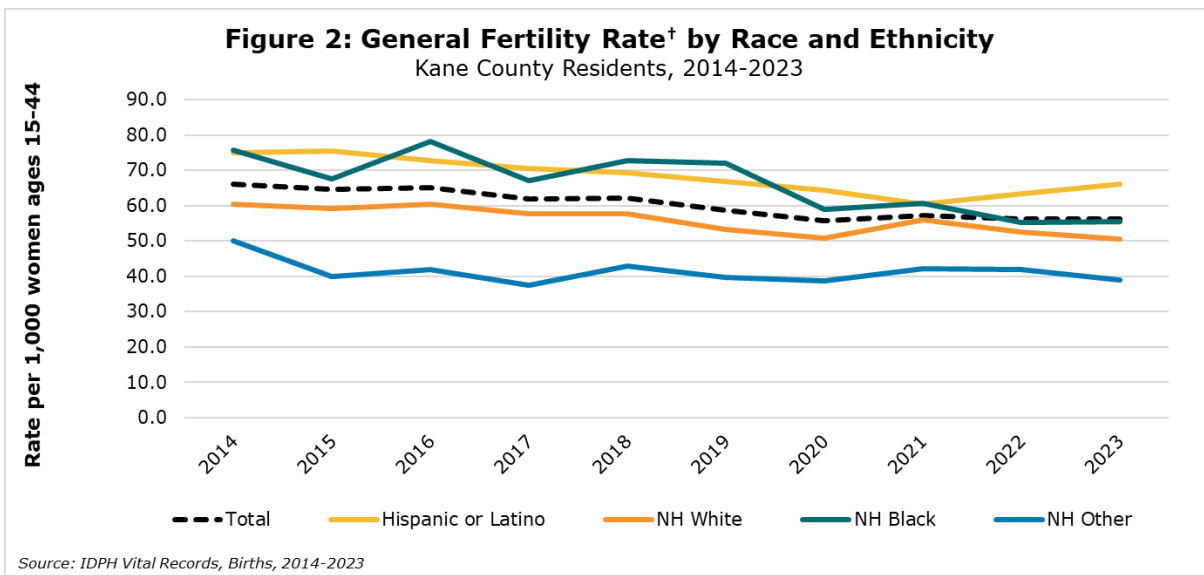
[†]General fertility rate as defined by the Centers for Disease Control and Prevention is the number of live births per 1,000 women of childbearing age (15-44 years).

Births and Birth Rates

There were 5,494 births to Kane County residents in 2023. The general fertility rate (GFR) was 56.0 births per 1,000 women ages 15-44 years, which is unchanged from 2022. The total number of births and GFR have been decreasing since 2000. From 2000 to 2023, the GFR has dropped by over 36%. This is a greater decrease than both the United States (19.3% decrease) and the state of Illinois (27.5% decrease) across the same period of time^{7,8}. Annual trends in births and birth rates are shown in Figure 1.



The GFR among Kane County residents has decreased among Non-Hispanic White and Non-Hispanic Other mothers and increased among Hispanic or Latino mothers from 2022 to 2023. The GFR for Non-Hispanic Black mothers remained unchanged from 2022 to 2023. In 2023, GFR was highest among Hispanic or Latino women followed by Non-Hispanic Black, Non-Hispanic White, and Non-Hispanic Other women. Annual births and birth rates by race and ethnicity are shown in Figure 2.



Maternal Demographic Characteristics

Age of Mother

In 2023, the birth rate decreased across all maternal age groups except for mothers ages 15 to 19 and ages 25 to 29, for whom it increased, and ages 35 to 39, for whom it remained unchanged. The average age of the mother at birth was 30 years which is unchanged from 2022. From 2022 to 2023, the birth rate for mothers below the age of 30 increased for the first time since 2014 from 47.9 births per 1,000 women to 48.3 births per 1,000 women. The birth rate for mothers over the age of 30 remained relatively unchanged at 47.8 births per 1,000 women.

Teenagers—The teenage birth rate increased from 10.5 births per 1,000 women to 12.0 births per 1,000 women from 2022 to 2023. Teen birth rate is not evenly distributed across race and ethnic groups. Non-Hispanic Black and Hispanic or Latino mothers had a higher rate of teen birth compared to Non-Hispanic White and Non-Hispanic Other mothers. The teen birth rate increased across all race and ethnic groups except for Non-Hispanic Other mothers from 2022 to 2023.

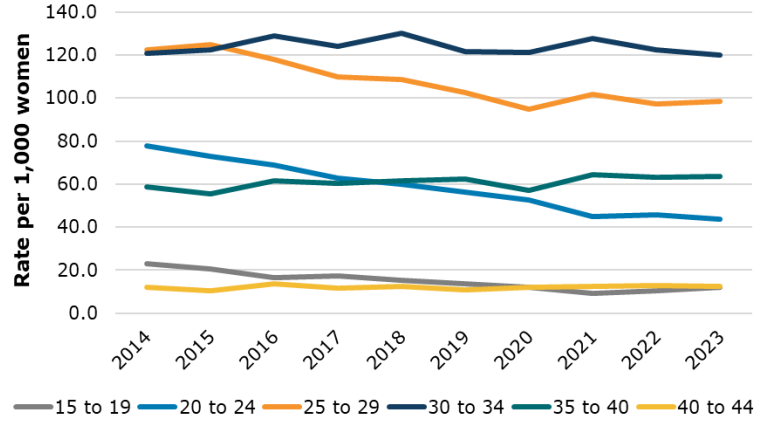
Women in their 20s— The birth rate among women in their 20s increased marginally from 69.6 to 69.8 births per 1,000 women. This is a decrease of 30% from 99.2 births per 1,000 women in 2014, and a 58% drop from 164.3 births per 1,000 women in 2000.

Women in their 30s—In 2023, The majority (52.8%) of births were to women in their 30s. Although dropping slightly from 92.2 to 91.5 births per 1,000 women, it remains the age group with the highest birth rate.

Women in their 40s—Women over the age of 40 have the lowest rate of birth among all age groups. In 2023, the birth rate to women in their 40s was 6.7 births per 1,000 women. This is a decrease from 7.0 births per 1,000 women in 2022.

Figure 3: Birth Rate by Maternal Age Group

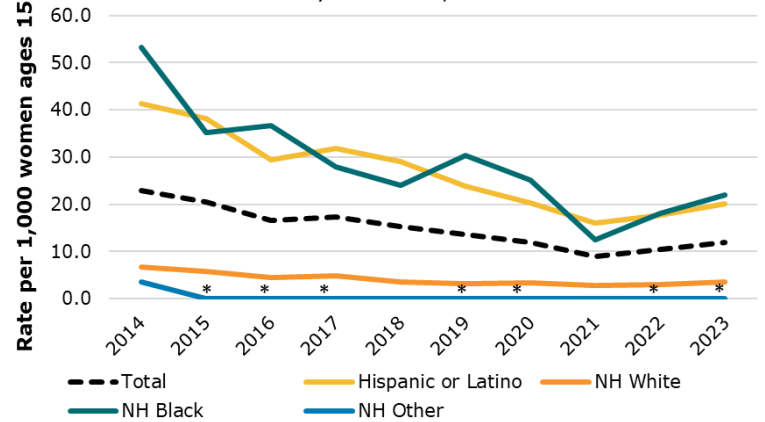
Kane County Residents, 2014-2023



Source: IDPH Vital Records, Births, 2014-2023

Figure 4: Teen Birth Rate by Race and Ethnicity

Kane County Residents, 2014-2023



Source: IDPH Vital Records, Births, 2014-2023

*: Suppressed Value

Births to Unmarried[†] Women

In 2023, there were 2,093 births to unmarried women (38.1% of all births). This is an increase of 2.2% from 2022. More detailed data on births to unmarried women is presented in Table 1.

Live Birth Order

Live birth order refers to the numerical order of the birth in relation to all previous live births to the mother. In 2023, the first-birth rate for Kane County was 21.3 births per 1,000 women aged 15-44. This is an increase from 19.9 first-births per 1,000 women aged 15-44 in 2022, and the highest rate since 2016. First-birth rate was highest among Hispanic or Latino mothers at 24.2 births per 1,000 women aged 15-44. First-birth rate increased from 2022 to 2023 among all racial and ethnic groups except for Non-Hispanic White mothers.

First-birth rate also differed by maternal age. The highest first-birth rate was among mothers aged 25-29 (42.4 per 1,000 women), followed by mothers aged 30-34 (37.8 per 1,000 women). First-birth rate increased across all maternal age groups from 2022 to 2023, except for mothers over the age of 40. The first-birth rate among teenage mothers increased from 9.4 to 10.9 births per 1,000 women from 2022 to 2023.

Maternal Educational Attainment^{††}

In 2023, 63.7% of births were to mothers with education beyond a high school education. The percent of births to mothers with at least a high school education has remained relatively stable from 2014 to 2023. Births to mothers with less than a high school degree has decreased from 16.4% of all births in 2014 to 10.5% of all births in 2023.

In 2023, the proportion of births to college educated mothers was highest among Non-Hispanic White and Non-Hispanic Other mothers (87.8% and 87.1% respectively). From 2014 to 2023, the percentage of Non-Hispanic Black mothers with a college education remained steady, with an average of 51.1%. From 2014 to 2023, births to Hispanic or Latino mothers with a college education increased from 29.3% to 40.2%.

Table 1: Births to Unmarried Women

Kane County Residents, 2014-2023

Year	Number	Rate ¹	Percent ²	Total Births
2023	2,093	35.3	38.1%	5,494
2022	1,971	33.2	35.9%	5,496
2021	2,032	34.4	36.2%	5,620
2020	2,154	35.1	38.2%	5,639
2019	2,214	36.8	37.0%	5,977
2018	2,288	38.0	36.1%	6,339
2017	2,311	39.0	36.5%	6,337
2016	2,481	42.2	37.0%	6,698
2015	2,552	44.2	38.2%	6,687
2014	2,570	44.3	37.6%	6,839

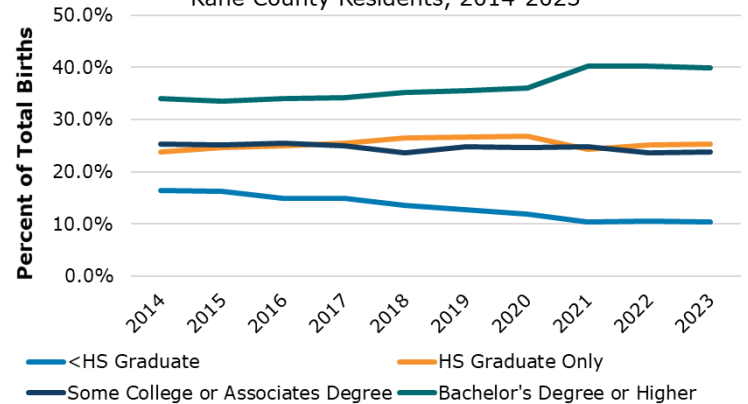
¹Births to unmarried women per 1,000 women aged 15-44

²Percent of all births to unmarried women

Source: IDPH Vital Records, Births, 2014-2023

Figure 5: Percent of Total Births by Maternal Education Attainment Among Mothers Ages 18+

Kane County Residents, 2014-2023



Source: IDPH Vital Records, Births, 2014-2023

[†]Unmarried women were classified as being separated, divorced, widowed, in a civil union, or never married.

^{††}Births by Maternal Education were limited to mothers ages 18 and over. Births to mothers where their age or level of education are unknown were not considered.

Maternal Lifestyle and Birth Characteristics

Attendant at Birth and Location of Birth

In 2023, 98.9% of all births occurred in a hospital, 78.6% of all births were attended by a medical doctor (MD), 6.0% were attended by a certified nurse midwife (CNM), and 15.1% were attended by an osteopathic doctor (DO). From 2014 to 2023, there has been no change in the location of birth. However, from 2014 to 2023 the number of births attended by an MD decreased by 6.2%, and the number of births attended by a DO increased by 7.1%. The number of births attended by a CNM and location of birth has remained relatively unchanged between 2014 and 2023. There was no difference in location of birth and attendant at birth by age or race and ethnicity of the mother.

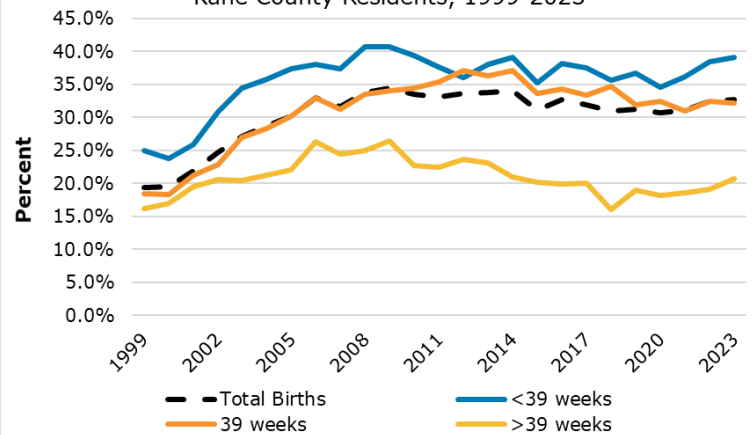
Method of Delivery

In 2023, 32.7% of all births were delivered via cesarean. This is a decrease from a historical high of 34.5% of all births in 2009, yet relatively unchanged from 2022.

In 2009, 40.7% of births were delivered by cesarean prior to 39 weeks, and 26.5% after week 39. In 2023, 39.1% of births were delivered by cesarean before week 39, and 20.7% occurred after. More detailed annual trends in percent of births delivered via cesarean by week gestation is shown in Figure 6.

Figure 6: Percent of Cesarean Deliveries by Week Gestation

Kane County Residents, 1999-2023



Source: IDPH Vital Records, Births, 1999-2023

Prenatal Care

Among all Kane County women who gave birth in 2023, nearly all reported receiving some prenatal care (98.5%). Among the women receiving prenatal care, 79.0% reported starting visits within the first trimester and on average began in the 11th week of pregnancy. Prenatal care differed by race and ethnicity for Kane County mothers, with 89.2% of Non-Hispanic White, 83.1% of Non-Hispanic Other, 70.6% of Hispanic or Latino, and 69.1% of Non-Hispanic Black mothers reporting beginning prenatal care within the first trimester. Teenaged women and women between the ages of 20 and 24 were less likely to report receiving any prenatal care, and the least likely to begin prenatal care within the first trimester. Only 55.0% of women aged 15-19 received prenatal care began in the first trimester. Women between the ages 30-34 were most likely to begin prenatal care within the first trimester. 84.1% of women between the ages 30-34 received prenatal care beginning in the first trimester. The number and quality of prenatal care visits were not considered for this report.

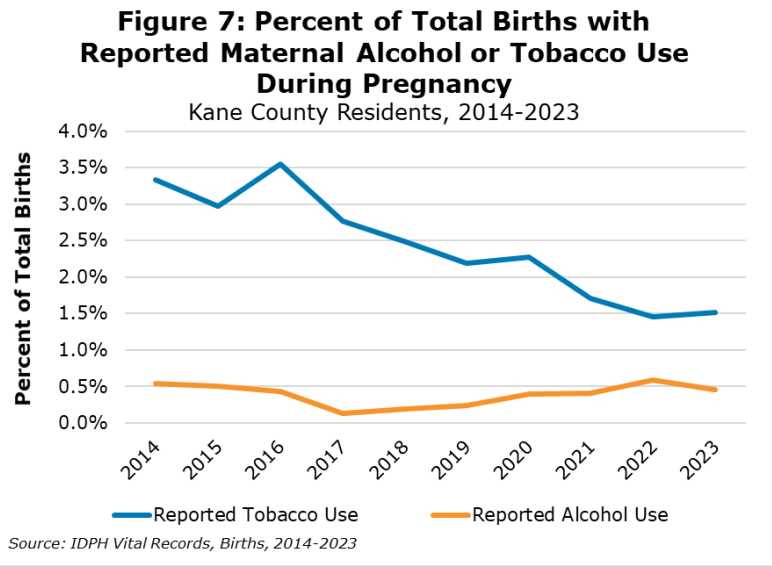
Method of Payment

In 2023, the principal source of payment for births to Kane County mothers was private insurance (58.0%), followed by Medicaid (40.7%). Non-Hispanic White and Non-Hispanic Other mothers used private insurance as their principal source of payment (86.3% and 78.8% respectively), while, Hispanic or Latino

and Non-Hispanic Black mothers used Medicaid as their principal source of payment (65.8% and 65.6% respectively).

Tobacco and Alcohol Use[†]

Substance use during pregnancy remains low among Kane County mothers. In 2023, only 108 mothers reported either smoking tobacco or consuming alcohol during their pregnancy (less than 2% of all births). Specifically, 1.5% of women reported using tobacco during pregnancy in 2023. This is a significant drop from a relative maximum of 6.4% of women reporting tobacco use in 1999, and remains unchanged from 2022. 0.5% of mother reported alcohol use during pregnancy. This is a slight decrease from 0.6% in 2022.



Infant Health Characteristics

Period of Gestation

Infants born prior to 37 complete weeks of gestation are considered preterm. In 2023, 11.1% of all newborns were born premature. Prematurity has been consistently highest amongst Non-Hispanic Black mothers. In 2023, 17.5% of all births to Non-Hispanic Black mothers were born premature. This is an increase from 13.4% in 2022. Prematurity remained steady among Hispanic or Latino and Non-Hispanic White mothers from 2022 to 2023. The percent of premature births to Non-Hispanic Other mothers decreased from 12.5% in 2022 to 10.4% in 2023.

Birthweight

Low birthweight (LBW)^{††} is defined as a birthweight below 2,500 grams (~5.5 pounds). In 2023, 8.3% of all births to Kane County mothers were considered LBW. The percent of babies born at LBW has increased over the last ten years from 7.6% in 2014.

In 2023, the highest percent of LBW births was among Non-Hispanic Black mothers with 14.6% of all births being LBW. This is an increase from 10.5% of births in 2022. The percent of LBW births has remained the same for Hispanic or Latino and Non-Hispanic White mothers from 2022 to 2023. The percent of LBW births decreased from 12.1% to 11.2% of all births to Non-Hispanic Other mothers from 2022 to 2023.

Table 2: Percent of Births that are Low Birth Weight by Race and Ethnicity
Kane County Residents, 2014-2023

Year	Total	Hispanic or Latino	NH White	NH Black	NH Other
2023	8.3%	7.8%	7.6%	14.6%	11.2%
2022	8.1%	7.9%	7.5%	10.5%	12.1%
2021	7.8%	8.5%	6.7%	11.8%	7.6%
2020	6.9%	7.4%	5.1%	14.0%	9.8%
2019	7.3%	7.0%	5.9%	16.1%	9.6%
2018	7.6%	7.0%	7.4%	10.4%	10.4%
2017	7.2%	6.8%	6.5%	13.5%	9.8%
2016	7.0%	6.6%	6.2%	14.0%	8.6%
2015	6.5%	5.6%	6.5%	10.0%	10.3%
2014	7.6%	6.0%	7.5%	16.8%	7.8%

Source: IDPH Vital Records, Births, 1999-2023

[†]Tobacco and Alcohol use is self-reported on birth records and may under-represent the true value.

^{††}Low Birthweight (LBW) is inclusive of infants who are also considered Very Low Birthweight (VLBW).

Hispanic or Latino and Non-Hispanic White mothers had lower than average LBW percent at 7.8% and 7.6% respectively.

Very low birthweight (VLBW) is defined as a birthweight below 1,500 grams (~3.3 pounds). In 2023, 1.3% of all births to Kane County mothers were considered VLBW. The highest rate of VLBW was among infants born to Non-Hispanic Black mothers at 1.9% of all births. This was followed by 1.6% of Hispanic or Latino, and 1.0% for both Non-Hispanic White and Non-Hispanic Other infants.

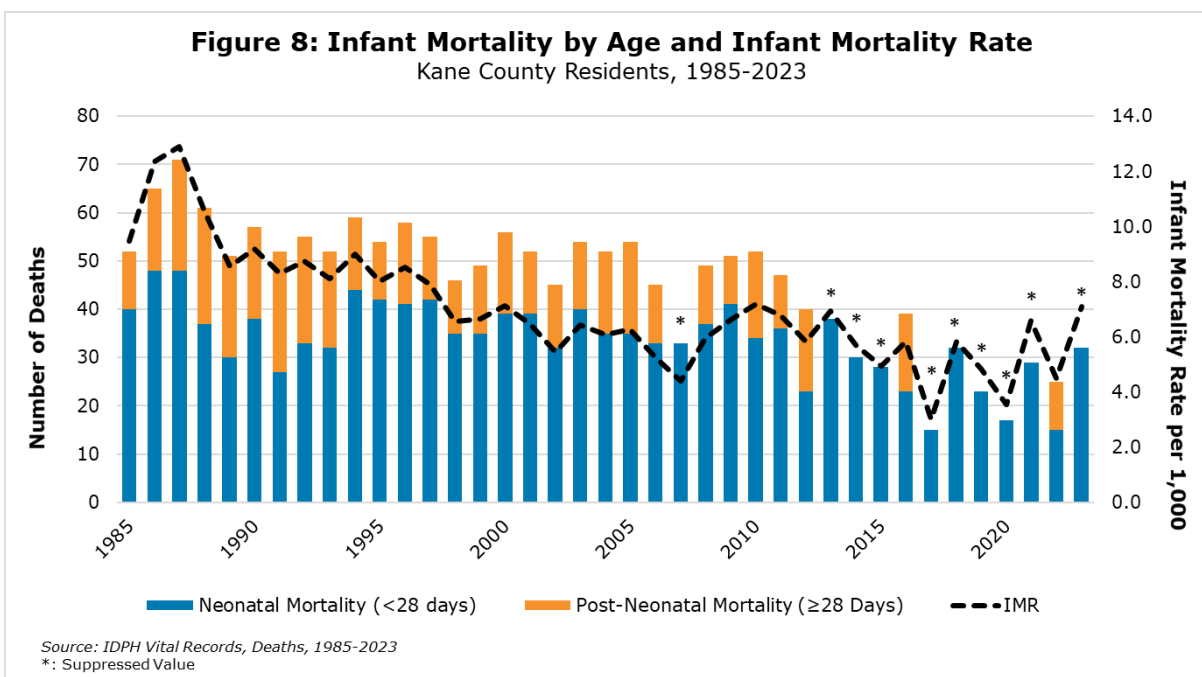
Multiple Births

The birth rate for twins to Kane County mothers in 2023 was 34.6 per 1,000 live births. There was a total of 190 infants born in twin deliveries in 2023. Since 2014, there has been no significant change in the rate of twin or higher order birth pluralities.

Infant Mortality

Infant mortality data was sourced from IDPH death record files. In 2023, the infant mortality rate in Kane County was 7.1 infant deaths per 1,000 live births. This is a 56.1% increase from 2022, yet a 45.0% drop from a relative maximum of 12.9 infant deaths per 1,000 live births in 1987. Due to small numbers, infant mortality cannot be disaggregated by maternal race and ethnicity.

In 2023, 82% of all infant deaths occurred during the neonatal period (28 days after birth). The leading cause of infant mortality was disorders related to short gestation and low birth weight followed by maternal complications of pregnancy and congenital malformations.



References

¹Births, Kane County, Illinois, 1985-2023. IDPH Division of Vital Records.

²Deaths, Kane County, Illinois, 1985-2023. IDPH Division of Vital Records.

³Single-race Population Estimates, United States, 2020-2023. July 1st resident population by state, county, age, sex, single-race, and Hispanic origin, on CDC WONDER Online Database. The 2020-2023 postcensal series of estimates of the July 1 resident population are based on the modified Blended Base produced by the US Census Bureau in lieu of the April 1, 2020 decennial population count.

⁴Single-race Population Estimates, United States, 2010-2020. July 1st resident population by state, county, age, sex, single-race, and Hispanic origin, on CDC WONDER Online Database. Vintage 2020 estimates.

⁵U.S. Census Bureau. (2014-2023). Educational Attainment. American Community Survey, ACS 5-Year Estimates Subject Tables, Table S1501.

⁶U.S. Census Bureau. (2014-2023). Marital Status. American Community Survey, ACS 5-Year Estimates Subject Tables, Table S1201.

⁷ Martin, J. A., Hamilton, B. E., Ventura, S. J., Menacker, F., & Park, M. (2002). Births: final data for 2000. National vital statistics reports : from the Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, 50(5), 1–102.

⁸Osterman, M. J. K., Hamilton, B. E., Martin, J. A., Driscoll, A. K., & Valenzuela, C. P. (2025). Births: Final Data for 2023. National vital statistics reports : from the Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, 74(1), 1–87.

⁹<https://www.cdc.gov/nchs/pressroom/states/illinois/il.htm>8ACOG Practice Bulletin No. 107: Induction of Labor. Obstetrics & Gynecology 114(2 Part 1):p 386-397, August 2009. | DOI: 10.1097/AOG.0b013e3181b48ef5

Detailed Data Tables

Table A: Total Births and Birth Rates
Kane County Residents, 1985-2023

Year	Number of Births	Birth Rate [†]	GFR ^{††}
2023	5,494	10.7	56.0
2022	5,496	10.7	56.0
2021	5,620	10.9	57.0
2020	5,639	10.6	55.6
2019	5,977	11.2	58.6
2018	6,339	11.9	62.0
2017	6,337	11.9	61.6
2016	6,698	12.6	64.9
2015	6,687	12.7	64.5
2014	6,839	13.0	65.9
2013	6,767	13.0	65.1
2012	6,857	13.2	65.8
2011	6,950	13.4	66.3
2010	7,230	14.0	68.8
2009	7,702	15.1	73.3
2008	8,212	16.3	78.4
2007	8,420	17.0	81.3
2016	8,549	17.6	83.7
2005	8,601	18.1	85.1
2004	8,569	18.4	85.6
2003	8,397	18.5	85.4
2002	8,270	18.8	86.2
2001	8,054	19.0	86.4
2000	7,844	19.4	87.6
1999	7,359	18.3	79.9
1998	7,184	18.3	79.7
1997	6,975	18.3	79.0
1996	6,799	18.3	78.9
1995	6,751	18.7	80.2
1994	6,552	18.8	80.0
1993	6,406	18.8	79.8
1992	6,289	18.8	79.8
1991	6,271	19.2	80.6
1990	6,213	19.6	81.4
1989	5,953	19.1	80.2
1988	5,783	19.0	79.0
1987	5,500	18.4	76.5
1986	5,266	17.9	74.4
1985	5,491	19.0	78.9

[†]Births per 1,000 women

^{††}Births per 1,000 women of childbearing age (15-44 years)

Source: IDPH Vital Records, Births, 1985-2023

Table B: Total Births and Birth Rates by Race and Ethnicity
Kane County Residents, 2014-2023

Hispanic or Latino	Number of Births	Birth Rate[†]	GFR^{††}
2023	2,587	15.0	66.1
2022	2,450	14.4	63.5
2021	2,330	13.7	60.5
2020	2,525	14.6	64.3
2019	2,614	15.3	66.7
2018	2,700	15.9	69.3
2017	2,744	16.3	70.6
2016	2,823	16.9	72.8
2015	2,908	17.6	75.5
2014	2,863	17.5	74.9
Non-Hispanic White			
2023	2,315	8.2	50.5
2022	2,443	8.5	52.5
2021	2,665	9.2	56.1
2020	2,502	8.4	50.8
2019	2,662	8.8	53.4
2018	2,909	9.6	57.7
2017	2,926	9.6	57.6
2016	3,112	10.2	60.5
2015	3,098	10.1	59.2
2014	3,194	10.4	60.3
Non-Hispanic Black			
2023	314	11.6	55.6
2022	314	11.6	55.3
2021	347	12.9	60.7
2020	356	12.6	58.9
2019	441	15.5	72.1
2018	452	15.8	72.7
2017	423	14.8	67.0
2016	494	17.4	78.1
2015	429	15.1	67.6
2014	475	16.9	75.7
Non-Hispanic Other			
2023	278	8.5	39.0
2022	289	9.2	41.9
2021	278	9.1	42.2
2020	256	8.3	38.8
2019	260	8.5	39.8
2018	278	9.2	42.9
2017	244	8.1	37.3
2016	269	9.2	41.8
2015	252	8.8	39.9
2014	307	11.1	50.0

[†]Births per 1,000 women in specified group

^{††}Births per 1,000 women of childbearing age (15-44 years)

Source: IDPH Vital Records, Births, 2014-2023

Table C: Birth Rate[†] by Maternal Age Group
Kane County Residents, 2014-2023

Year	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49
2023	12.0	43.9	98.3	120.0	63.6	12.4	0.8
2022	10.5	45.7	97.4	122.4	63.2	12.7	1.1
2021	9.0	45.1	101.6	127.8	64.3	12.4	0.7
2020	11.8	52.5	94.6	121.0	57.0	11.9	0.8
2019	13.6	56.4	102.7	121.4	62.5	10.9	0.7
2018	15.3	60.0	108.5	130.2	61.6	12.5	0.5
2017	17.4	63.0	109.8	124.2	60.3	11.5	0.8
2016	16.6	68.9	118.1	129.1	61.4	13.5	0.6
2015	20.5	73.0	124.7	122.4	55.5	10.5	0.5
2014	22.9	78.0	122.4	120.7	58.6	12.1	0.4

[†]Rate is presented as per 1,000 women in specified age group.

Source: IDPH Vital Records, Births, 2014-2023

Table D: Total Births and Birth Rate[†] for Women Aged 15-19
by Race and Ethnicity
Kane County Residents, 2014-2023

Year	Hispanic or Latino		NH White		NH Black	
	Count	Rate	Count	Rate	Count	Rate
2023	172	20.1	26	3.5	20	21.9
2022	147	17.7	23	3.1	17	18.1*
2021	133	16.0	22	2.8	12	12.4*
2020	169	20.3	28	3.4	26	25.1
2019	198	23.9	27	3.2	33	30.4
2018	234	29.0	31	3.6	27	24.0
2017	255	31.9	42	4.8	32	27.9
2016	232	29.4	40	4.5	43	36.8
2015	294	38.2	53	5.8	42	35.2
2014	305	41.3	61	6.6	63	53.2

[†]Rate is presented as per 1,000 women in specified race or ethnic group.

* Rate may be unreliable due to small numerator.

Count of teenage births and birth rate for NH Other women is suppressed.

Source: IDPH Vital Records, Births, 2014-2023

Table E: Total First Births, First Birth Rate, and Percent First Birth by Race and Ethnicity and Age Group
Kane County Residents, 2023

Race and Ethnicity	Number of First Births	First Birth Rate[†]	First Birth Percent^{††}
Hispanic or Latino	947	24.2	36.6%
Non-Hispanic White	905	19.7	39.1%
Non-Hispanic Black	122	21.6	38.9%
Non-Hispanic Other	114	16.0	41.0%
Age Group			
15-19	199	10.9	90.9%
20-24	432	26.8	61.0%
25-29	622	42.4	43.2%
30-34	593	37.8	31.5%
35-39	207	12.9	20.3%
40-44	29	1.7	13.7%
Total	2,088	21.3	38.0%

[†]First live births per 1,000 women in specified group

^{††}Percent of total births to specified group that are the first live birth

SOURCE: Illinois Department of Public Health (IDPH) Vital Records-Births, 2023

Table F: Method of Delivery by Race and Ethnicity and Weeks Gestations
Kane County Residents, 2023

Race and Ethnicity	Total	Cesarean Delivery		Vaginal Delivery	
	Count	Count	Percent	Count	Percent
Hispanic or Latino	2,587	801	31.0%	1,786	69.0%
Non-Hispanic White	2,315	754	32.6%	1,561	67.4%
Non-Hispanic Black	314	136	43.3%	178	56.7%
Non-Hispanic Other	278	105	37.8%	173	62.2%
Week Gestation					
<39 Weeks	2,165	847	39.1%	1,318	60.9%
39 Weeks	2,275	731	32.1%	1,544	67.9%
>39 Weeks	1054	218	20.7%	836	79.3%
Total	5,494	1,796	32.7%	3,698	67.3%

Source: IDPH Vital Records, Births, 2023

Table G: Prenatal Care Initiation by Race and Ethnicity and Age Group
Kane County Residents, 2023

Race and Ethnicity	Total	Prenatal Care		Adequate Prenatal Care [†]	
	Count	Count	Percent	Count	Percent
Hispanic or Latino	2,585	2,534	98.0%	1,826	70.6%
Non-Hispanic White	2,315	2,298	99.3%	2,064	89.2%
Non-Hispanic Black	314	303	96.5%	217	69.1%
Non-Hispanic Other	278	275	98.9%	231	83.1%
Age Group					
15-19	218	212	97.2%	120	55.0%
20-24	707	688	97.3%	465	65.8%
25-29	1,441	1,422	98.7%	1,140	79.1%
30-34	1,881	1,861	98.9%	1,581	84.1%
35-39	1,019	1,006	98.7%	856	84.0%
40-44	211	208	98.6%	167	79.1%
Total	5,496	5,410	98.5%	4,338	79.0%

[†]For this report, 'Adequate Prenatal Care' is defined as beginning care within the first trimester.

Source: IDPH Vital Records, Births, 2023

Table H: Preterm Births[†] and Percent Born Preterm by Race and Ethnicity
Kane County Residents, 2014-2023

Year	Total		Hispanic or Latino		NH White		NH Black		NH Other	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
2023	612	11.1%	281	10.9%	247	10.7%	55	17.5%	29	10.4%
2022	603	11.0%	266	10.9%	259	10.6%	42	13.4%	36	12.5%
2021	633	11.3%	273	11.7%	280	10.5%	48	13.8%	32	11.5%
2020	589	10.4%	283	11.2%	228	9.1%	49	13.8%	29	11.3%
2019	673	11.3%	299	11.4%	265	10.0%	79	17.9%	30	11.5%
2018	699	11.0%	287	10.6%	312	10.7%	68	15.0%	32	11.5%
2017	642	10.1%	284	10.3%	280	9.6%	56	13.2%	22	9.0%
2016	715	10.7%	300	10.6%	309	9.9%	78	15.8%	28	10.4%
2015	631	9.4%	247	8.5%	304	9.8%	50	11.7%	30	11.9%
2014	725	10.6%	256	8.9%	353	11.1%	90	18.9%	26	8.5%

[†]Preterm births are any birth occurring before 37 weeks gestation.

Source: IDPH Vital Records, Births, 2023

Table I: Birthweight by Race and Ethnicity
Kane County Residents, 2023

Race and Ethnicity	Normal Birth Weight (2,500g-4,000g)		Low Birth Weight (<2,500g)		Very Low Birth Weight (<1,500g)		High Birth Weight (>4,000g)	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Hispanic or Latino	2,230	86.2%	202	7.8%	42	1.6%	155	6.0%
Non-Hispanic White	1,954	84.4%	176	7.6%	22	1.0%	185	8.0%
Non-Hispanic Black	256	81.5%	46	14.6%	*	*	*	*
Non-Hispanic Other	239	86.0%	31	11.2%	*	*	*	*
Total	4,679	85.2%	455	8.3%	73	1.3%	360	6.6%

*Suppressed value
Source: IDPH Vital Records, Births, 2023

Table J: Infant Mortality and Infant Mortality Rate (IMR)[†]
Kane County Residents, 1985-2023

Year	Number of Births	Infant Deaths	IMR
2023	5,494	39	7.1
2022	5,496	25	4.5
2021	5,620	37	6.6
2020	5,639	20	3.5*
2019	5,977	29	4.9
2018	6,339	37	5.8
2017	6,337	19	3.0*
2016	6,698	39	5.8
2015	6,687	33	4.9
2014	6,839	39	5.7
2013	6,767	47	6.9
2012	6,857	40	5.8
2011	6,950	47	6.8
2010	7,230	52	7.2
2009	7,702	51	6.6
2008	8,212	49	6.0
2007	8,420	37	4.4
2016	8,549	45	5.3
2005	8,601	54	6.3
2004	8,569	52	6.1
2003	8,397	54	6.4
2002	8,270	45	5.4
2001	8,054	52	6.5
2000	7,844	56	7.1
1999	7,359	49	6.7
1998	7,184	47	6.5
1997	6,975	55	7.9
1996	6,799	58	8.5
1995	6,751	54	8.0
1994	6,552	59	9.0
1993	6,406	52	8.1
1992	6,289	55	8.7
1991	6,271	52	8.3
1990	6,213	57	9.2
1989	5,953	51	8.6
1988	5,783	61	10.5
1987	5,500	71	12.9
1986	5,266	65	12.3
1985	5,491	52	9.5

[†]Infant Mortality Rate (IMR) is the total number of infant deaths per 1,000 births.

* Rate may be unreliable due to small numerator.

SOURCES: Illinois Department of Public Health (IDPH) Vital Records-Births, 1985-2023

Source: IDPH Vital Records, Deaths, 1985-2023