

| 2023 | Maternal and Child Health Data Brief



Key Findings from 2021 Guilford County Pregnancy and Birth Data

A note on data in this report: The processing of birth and death certificate records results in a delay in public data availability.

- In 2021, teen pregnancy rates decreased to a new low of 16.9 pregnancies per 1,000 females ages 15-19, but significant racial and ethnic disparities remain.
- Asian, Hispanic, and African American mothers were less likely to receive early prenatal care than Whites in 2021.
- The preterm birth rate declined slightly from 11.9 in 2020 to 11.7 in 2021, with large disparities by race and ethnicity.
- The low birthweight rate decreased from 10.9% in 2020 to 10.6% in 2021; Rates of very low birthweight were twice as high among Black births.
- 42.5% of new mothers were WIC recipients.
- 29.4% of births were delivered by Cesarean section.
- 44.4% of deliveries were paid with Medicaid compared to 48.7% with private insurance.
- 77.7% of mothers breastfed at discharge from hospital, down from 84.3% in 2019.
- The infant mortality rate remained at 7.6 deaths per 1,000 live births in 2021.

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Teen Pregnancies, Abortions and Live Births in Guilford County

Teen Pregnancies, Abortions, Live Births and Rates per 1,000 Females by Age Group and by Race/Ethnicity, 2021

	All Races		White, non-Hispanic		African American, non-Hispanic		Asian/ Pacific Islander, non-Hispanic		Native American, non-Hispanic		Hispanic	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pregnancies Ages 10-14	6	0.3	1	0.1	4	0.7	0	0	0	0	1	0.4
Pregnancies Ages 15-19	366	16.7	58	6.7	192	22.0	7	7.5	2	9.4	86	31.8
Abortions Ages 10-14	3	0.2	1	0.1	2	0.3	0	0	0	0	0	0
Abortions Ages 15-19	138	6.4	23	2.7	80	9.2	3	3.2	1	4.7	22	8.1
Live Births Ages 10-14	3	0.2	0	0	2	0.3	0	0	0	0	1	0.4
Live Births Ages 15-19	226	10.4	35	4.0	110	12.6	4	4.3	1	4.7	64	23.7
Population Estimates												
Females Ages 10-14	17,557		6,691		5,874		998		62		2,463	
Females Ages 15-19	21,667		8,659		8,727		935		212		2,701	

Source: NC State Center for Health Statistics. Population estimates are from American Community Survey, 2021 five -year estimates, data.census.gov.

Note: Use caution when interpreting rates based on small number, i.e., less than 10.

Prenatal Care in Guilford County

Prenatal visits are important for the health of both infant and mother. Health care providers can educate mothers on important health issues, such as their diet and nutrition, exercise, immunizations, weight gain and abstaining from tobacco, alcohol, and other drugs. Late entry into prenatal care is defined as beginning prenatal care after the first three months of pregnancy. Mothers who receive no prenatal care are more likely to give birth to low birthweight and preterm babies.

Month Entering Prenatal Care by Race and Ethnicity, 2021

Month Entering Prenatal Care	Race Totals		White non- Hispanic		Black non-Hispanic		Native American		Asian		Hispanic/ Latino	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1	55	0.9	18	0.9	24	1.0	0	0.0	2	0.5	8	0.9
2	1,656	29.5	764	38.5	565	24.8	7	31.8	111	26.4	153	17.0
3	2,443	42.2	856	43.1	964	42.3	10	45.4	194	46.2	347	38.6
4	626	10.8	124	6.2	273	12.0	3	13.6	46	11.0	161	17.9
5	359	6.2	68	3.4	165	7.2	1	4.6	25	6.0	90	10.0
6	180	3.1	29	1.5	96	4.2	0	0	12	2.9	36	4.0
7	164	2.8	39	2.0	76	3.3	0	0	12	2.9	33	3.7
8	117	2.0	27	1.4	45	2.0	0	0	7	1.7	33	3.7
9	33	0.6	3	0.2	14	0.6	0	0	1	0.2	12	1.3
No Prenatal Care	129	2.2	45	2.3	51	2.2	1	4.6	7	1.7	20	2.2
Unknown	32	0.6	13	0.7	9	0.4	0	0	3	0.7	0	0.8
Total Births	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%
Early Prenatal Care*	4,154	71.7	1,638	83.5	1,553	68.0	17	77.3	307	73.1	508	56.4

Source: NC State Center for Health Statistics. Notes: Hispanics can be of any race. "Other Races" category not included here.

*Early Prenatal Care defined as percent of women who receive pregnancy-related health care services during the first trimester of a pregnancy. (Healthy North Carolina 2030

<https://nciom.org/healthy-north-carolina-2030/>)

Percentage of Births to Mothers Receiving Late or No Prenatal Care, by Race and Ethnicity, 2013-2021

	2013	2014	2015	2016	2017	2018	2019	2020	2021
Overall	34.8%	40.3%	38.5%	37.6%	37.9%	39.4%	36.7%	30.3%	27.7%
White	19.3%	24.2%	26.0%	23.8%	25.3%	27.3%	26.8%	20.6%	16.9%
Black/African American	42.6%	49.9%	45.9%	45.5%	43.1%	45.7%	41.8%	35.7%	31.5%
Hispanic	55.4%	57.5%	54.4%	51.7%	54.3%	47.5%	50.1%	42.9%	42.8%
Native American	NA	51.7%	37.5%	46.7%	46.7%	37.5%	43.2%	35.7%	22.7%
Asian	NA	47.0%	41.4%	50.7%	53.0%	52.5%	38.8%	33.5%	26.1%

Source: NC State Center for Health Statistics. Note: Late prenatal care is defined as prenatal care that begins after the first three months of pregnancy.

Preterm Births in Guilford County

Completed Weeks of Gestation, All Births, 2017-2021

Gestational Age Category	2017		2018		2019		2020		2021	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Extremely preterm (Less than 28 weeks)	74	1.2	38	0.6	57	0.9	49	0.8	44	0.8
Very preterm (28 to 31 weeks)	63	1.0	55	0.9	53	0.9	73	1.2	59	1.0
Late preterm (32 to 36 weeks)	536	8.6	569	9.3	556	9.2	583	9.8	577	10.0
Normal term (37 weeks plus)	5,542	89.1	5,453	89.2	5,380	89.0	5,223	89.1	5,108	88.2
Unknown	3	0.0	0	0.0	0	0.0	0	0.0	6	0.1
Premature Births (Less than 37 Weeks)	673	10.8	662	10.8	666	11.0	705	11.9	680	11.7
Total 2021 Births	6,218		6,115		6,046		5,928		5,794	

Source: NC Center for Health Statistics; North Carolina Birth Certificate File.

Note: Percentages represent the obstetric estimate of gestational age.

Completed Weeks of Gestation, By Race and Ethnicity, 2021

Gestational Age Category	White		African American		Native American		Asian		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Extremely preterm (Less than 28 weeks)	7	0.3	28	1.2	0	0	1	0.2	7	0.8
Very preterm (28 to 31 weeks)	4	0.2	41	1.8	0	0	3	0.7	10	1.1
Late preterm (32 to 36 weeks)	175	8.8	260	11.4	6	27.3	26	6.2	86	9.6
Normal term (37 weeks plus)	1,799	90.6	1,950	85.4	16	72.7	390	92.9	797	88.6
Premature Births (Less than 37 Weeks)	186	9.4	329	14.4	6	27.3	30	7.1	103	11.4
Total 2021 Births	1,986		2,283		22		420		900	

Source: NC Center for Health Statistics; North Carolina Birth Certificate File.

Note: Completed Weeks of Gestation represent the obstetric estimate of gestational age. "Other Races" not included in this table.

Birthweight in Guilford County

Number and Percentage of Births by Birthweight Category, 2012-2021

Birthweight	2012		2013		2014		2015		2016		2017		2018		2019		2020		2021	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 1,500 grams	107	1.7	118	1.9	131	2.2	134	2.2	105	1.7	131	2.1	96	1.6	107	1.8	109	1.8	96	1.7
1,500-2,499 grams	466	7.6	461	7.5	462	7.6	482	7.9	466	7.4	516	8.3	496	8.1	473	7.8	541	9.1	515	8.9
2,500+ grams	5,588	90.7	5,590	90.6	5,489	90.2	5,479	89.9	5,686	90.9	5,569	89.6	5,523	90.3	5,466	90.4	5,278	89.0	5,183	89.4
Under 2,500 Grams	573	9.3	579	9.4	593	9.9	616	10.1	571	9.1	647	10.4	592	9.7	580	9.6	650	10.9	613	10.6
Total Births	6,164		6,169		6,085		6,095		6,258		6,218		6,115		6,046		5,928		5,794	

Source: NC Center for Health Statistics; North Carolina Birth Certificate File.

Note: Birthweights under 2,500 grams are classified as low birthweight; birthweights under 1,500 grams are classified as very low birthweight.

Low and Very Low Birthweight, by Race and Ethnicity, 2021

Birthweight	Total		White		Black/African American		Hispanic/Latino	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Low Birthweight (Under 2,500 grams)	611	10.6	129	6.49	341	14.9	78	8.7
Very Low Birthweight (Under 1,500 Grams)	96	1.7	7	0.35	66	2.9	17	1.9

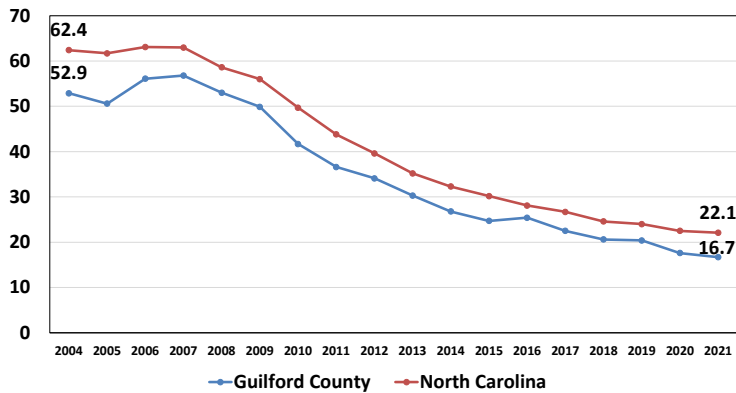
Source: NC Center for Health Statistics, County Health Databook.

Note: Hispanics can be of any race.

Trends in Maternal and Child Health Outcomes

Teen Pregnancy Rates, Ages 15-19 Guilford County and North Carolina, 2004-2021

Rate per 1,000 Females Ages 15-19

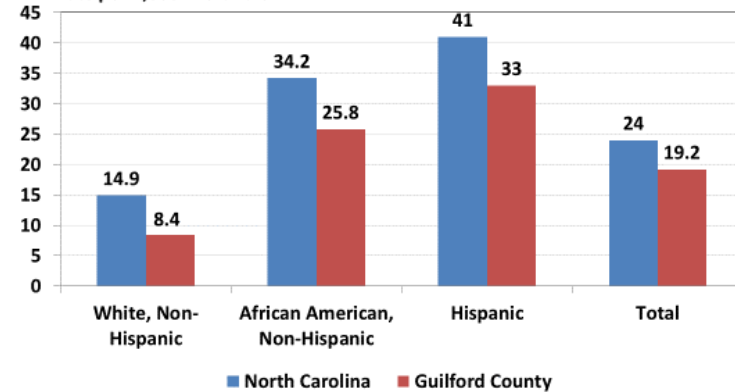


Source: NC State Center for Health Statistics.

Chart prepared by the GCDHHS, Division of Public Health.

Teen Pregnancy Rates among Females Ages 15-19 Guilford County and North Carolina, by Race and Ethnicity 2017-2021

Rate per 1,000 live births

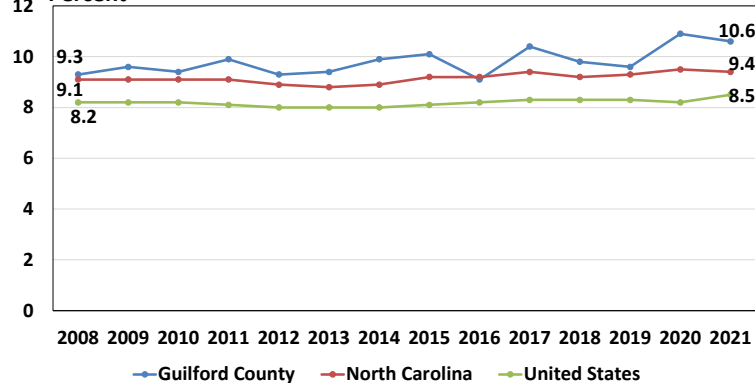


Source: County Health Databook, NC State Center for Health Statistics.

Chart prepared by the GCDHHS, Division of Public Health.

Percent of Births Low Birthweight, Guilford County, North Carolina and United States, 2008-2021

Percent

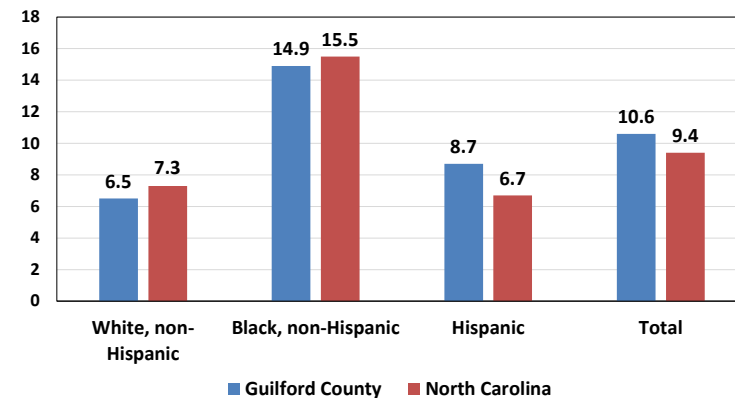


Note: Low birthweight births have birthweight less than 2,500 grams.

Source: Data provided by the NC Center for Health Statistics.

Chart prepared by the GCDHHS, Division of Public Health.

Percentage of Low Birthweight Births, Guilford County and NC, 2021



Source: Guilford County Databook, NC State Center for Health Statistics.

Chart prepared by the GCDHHS, Division of Public Health.

Note: Low birthweight births have birthweight less than 2,500 grams.

Characteristics of Guilford County Births, by Race and Ethnicity, 2021

Source: Data are from the NC Birth Certificate File, provided by the North Carolina State Center for Health Statistics.

Mother's Age by Race/Ethnicity, 2021 Births

Category	Guilford		White		African American		Native American		Asian		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Ages 13-14	3	0.05	0	0.0	2	0.1	0	0.0	0	0.0	1	0.1
Ages 15-17	53	0.9	5	0.3	29	1.3	0	0.0	0	0.0	16	1.8
Ages 18-19	173	3.0	30	1.5	81	3.6	1	4.6	4	0.9	48	5.3
Ages 20-24	1,029	17.8	214	10.8	520	22.8	2	9.1	48	11.43	200	22.2
Ages 25-29	1,695	29.2	573	28.8	671	29.4	8	36.4	131	31.2	258	28.7
Ages 30-34	1,712	29.6	714	36.0	602	26.4	4	18.2	146	34.8	202	22.4
Ages 35-39	915	15.8	375	18.9	301	13.2	5	22.7	76	18.1	133	14.8
Ages 40-44	198	3.4	69	3.5	71	3.1	2	9.1	15	4.6	38	4.2
Ages 45-49	13	0.2	5	0.3	5	0.2	0	0.0	0	0.0	3	0.3
Ages 50-58	3	0.05	1	0.05	1	0.04	0	0.0	0	0.0	1	0.1
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Mother's Educational Attainment by Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		African American non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
8 th Grade or Less	185	3.2	14	0.7	34	1.5	0	0.0	24	5.7	112	12.4
High School/no diploma	501	8.6	77	3.9	187	8.2	1	4.6	47	11.2	171	19.0
High School Grad /GED	1,493	25.8	298	15.0	754	33.0	5	22.7	79	18.8	296	32.9
Some College/no degree	1,098	19.0	330	16.6	530	23.2	9	40.9	40	9.5	135	15.0
Associate Degree	494	8.5	163	8.2	209	9.2	0	0.0	36	8.6	62	6.9
Bachelor's Degree	1,302	22.5	686	34.5	395	17.3	4	18.2	107	25.5	92	10.2
Masters Degree	570	9.8	328	16.5	148	6.5	3	13.6	57	13.6	27	3.0
Doctoral or Professional	150	2.6	89	4.5	26	1.1	0	0.0	30	7.1	5	0.6
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Mother's Marital Status by Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Married	3,059	52.8	1,509	76.0	706	30.9	12	54.6	347	82.6	416	46.2
Unmarried	2,735	47.2	477	24.0	1,577	69.1	10	46.4	73	17.4	484	53.8
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Mother's Pre-Pregnancy Body Mass Index (BMI) By Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Underweight (less than 18.5)	170	2.9	46	2.3	74	3.2	0	0.0	27	6.4	18	2.0
Normal Weight (18.5-24.9)	1,968	34.0	809	40.7	606	26.5	3	13.6	223	53.1	261	29.0
Overweight (25.0-29.9)	1,488	25.7	524	26.4	540	23.6	8	36.4	103	24.5	276	30.7
Obese (30.0+)	2,010	34.7	566	28.5	996	43.6	11	50.0	57	13.6	308	34.2
Unknown	158	2.7	41	2.1	67	2.9	0	0.0	10	2.4	37	4.1
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Note: Body Mass Index (BMI) is one screening tool used for population assessment of overweight and obesity. BMI is calculated by dividing a person's weight in kilograms divided by height in meters squared. The categories and ranges above are the standard weight status categories associated with BMI ranges for adults.

Kotelchuck Prenatal Care Adequacy Index By Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Inadequate	1,076	18.4	234	11.8	475	20.8	2	9.1	70	16.7	8	0.9
Intermediate	249	4.3	65	3.3	96	4.2	1	4.6	12	2.9	247	27.4
Adequate	1,036	17.9	424	21.4	333	14.6	3	13.6	84	20.0	65	7.2
Adequate Plus	3,398	58.6	1,248	62.8	1,362	59.7	16	72.7	251	59.8	160	17.8
Missing Information	44	0.8	15	0.8	17	0.7	0	0.0	0	0.0	420	46.7
Total	5,794	100.0%	1,986	100.0%	2,283	100.0%	22	100.0%	420	100.0%	900	100.0%

Note: The Kotelchuck Index of Adequacy of Prenatal Care Utilization combines information on time of prenatal care initiation with the number of prenatal care visits, resulting in four categories: 1. Inadequate (received less than 50% of expected visits), 2. Intermediate (50%-79% of expected visits), 3. Adequate (80%-109% of expected visits), and 4. Adequate Plus (110% or more of expected visits).

Mother Smoking Before and During Pregnancy by Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Before Pregnancy	353	6.1	131	6.6	160	7.0	3	13.6	3	0.7	34	3.8
During 1 st Trimester	234	4.0	100	5.0	98	4.3	2	9.1	2	0.5	18	2.0
During 2 nd Trimester	179	3.1	74	3.7	75	3.3	2	9.1	2	0.5	13	1.4
During 3 rd Trimester	168	2.9	72	3.6	70	3.1	2	9.1	1	0.2	14	1.6

Mother has WIC (Women, Infant and Children Food and Nutrition Services) By Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mother has WIC	2,464	42.5	339	17.1	1,298	56.9	11	50.0	17	40.7	549	61.0
No WIC	3,327	57.4	1,647	82.9	983	43.1	11	50.0	248	59.1	351	39.0
Unknown/Missing	3	0.1	0	0.0	2	0.1	0	0.0	1	0.2	0	0.0
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Infectious Diseases Present and/or Treated During Pregnancy by Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Gonorrhea	31	0.5	3	0.2	21	0.9	0	0.0	0	0.0	4	0.4
Chlamydia	135	2.3	13	0.6	21	0.9	0	0.0	1	0.0	29	3.2
Syphilis	9	0.2	1	0.1	6	0.3	0	0.0	0	0.0	2	0.2
Hepatitis C	17	0.3	13	0.6	3	0.1	0	0.0	0	0.0	0	0.0
Hepatitis B	9	0.2	0	0.0	7	0.3	0	0.0	2	0.5	0	0.0

Route of Delivery by Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Spontaneous	3,871	66.8	1,285	64.7	1,495	65.5	13	63.6	272	64.8	672	74.7
Forceps	13	0.2	5	0.2	4	0.2	0	0.0	2	0.5	2	0.2
Vacuum	206	3.6	86	4.3	64	2.8	1	4.6	20	4.8	28	3.1
Cesarean	1,704	29.4	610	30.7	720	31.5	7	31.8	126	30.0	198	22.0
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Form of Payment for Delivery Expenses by Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Medicaid	2,571	44.4	459	23.1	1,411	61.8	7	31.8	194	46.2	396	44.0
Private Insurance	2,821	48.7	1,459	73.5	817	35.8	15	68.2	217	51.7	240	26.7
Self-Pay	388	6.7	63	3.2	49	2.2	0	0.0	9	2.1	263	29.2
Other	11	0.2	3	0.1	6	0.3	0	0.0	0	0	1	0.1
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

Infant being Breastfed at Discharge By Race/Ethnicity, 2021 Births

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Breastfed at Discharge	4,459	77.0	1,688	85.0	1,590	69.6	17	77.3	330	78.6	695	77.2
Not Breastfed	1,335	23.0	298	15.0	693	30.4	5	22.7	90	21.4	205	22.8
Total	5,794	100%	1,986	100%	2,283	100%	22	100%	420	100%	900	100%

**Other Characteristics, Risk Factors and Complications of Pregnancy and Delivery
By Race/Ethnicity, 2021 Births**

Category	Guilford		White non-Hispanic		Black non-Hispanic		Native American non-Hispanic		Asian non-Hispanic		Hispanic	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Pre-Pregnancy Diabetes	57	0.1	4	0.2	41	1.8	0	0.0	3	0.7	8	0.9
Gestational Diabetes	458	7.9	105	5.3	200	8.8	3	13.6	47	11.2	92	10.2
Pre-Pregnancy Hypertension	197	3.4	40	2.0	123	5.4	1	4.6	6	1.4	21	2.3
Gestational Hypertension	581	10.0	174	8.8	273	12.0	2	9.1	16	3.8	90	10.0
Hypertension Eclampsia	6	0.1	2	0.1	4	0.2	0	0.0	0	0.0	0	0.0
Previous Preterm Birth	446	7.7	120	6.0	207	9.1	3	13.6	31	7.4	68	7.6
Other Previous Poor Outcome*	189	3.3	44	2.2	90	3.9	1	4.6	14	3.3	32	3.6
Received Infertility Treatment	44	0.8	21	1.1	16	0.7	0	0.0	3	0.7	4	0.4
Previous Cesarean Delivery	923	15.9	302	15.2	373	16.3	6	27.3	72	17.1	144	16.0
Admission to NICU	445	7.7	137	6.9	226	9.9	3	13.6	21	5.0	45	5.0

*Previous poor pregnancy outcomes may include perinatal death, small for gestational age and intrauterine growth restricted birth.

Infant Mortality in Guilford County

Infant Deaths, Rate per 1,000 Live Births, by Race and Ethnicity Guilford County, 2017-2021

	2017		2018		2019		2020		2021	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Guilford County All Races	61	9.8	52	8.5	56	9.3	45	7.6	44	7.6
White	17	7.0	7	2.9	16	6.7	14	5.9	9	4.5
African American	35	13.5	39	15.1	37	14.3	28	10.8	28	12.3
Asian*	8	6.9	6	5.8	3	6.3	3	6.4	2	4.8
Hispanic*	9	11.0	3	3.75	2	2.3	7	8.5	7	7.7
Live Births										
Guilford County All Races	6,218		6,115		6,046		5,928		5,794	
White	2,443		2,455		2,393		2,361		1,986	
African American	2,590		2,591		2,593		2,600		2,283	
Asian	1,155		1,037		480		466		420	
Hispanic	717		800		872		822		900	

Source: NC Live Birth File: NC Center for Health Statistics.

*Infant mortality rates based on small numbers—less than 10—should be interpreted with caution.

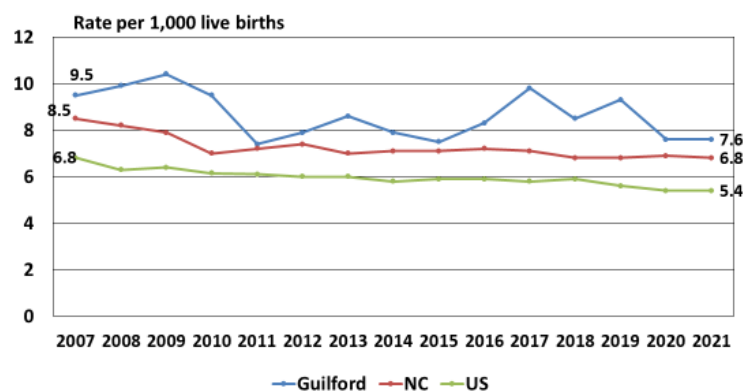
Infant Deaths, Rate per 1,000 Live Births, by City of Residence, 2021

Geographic Area	Live Births	Infant Deaths	Mortality Rate
Greensboro	3,515	28	7.9
High Point	1,183	10	8.4
Other Area*	1,230	7	5.7
Guilford County Total	5,928	45	7.6

Source: NC Live Birth File: NC Center for Health Statistics.

*Infant mortality rates based on small numbers—less than 10—should be interpreted with caution.

Infant Mortality Rate, 2007-2021 Guilford County, North Carolina and United States



Source: Data provided by the NC Center for Health Statistics, National Center for Health Statistics.
Chart prepared by the GCDHHS, Division of Public Health.

Detailed Infant Causes of Death, 2021

ICD-10 Codes	Cause of Death	Number of Deaths
I899	Noninfective disorder of lymphatic vessels and lymph nodes, unspecified	1
Conditions Originating in the Perinatal Period		
P000	Fetus and newborn affected by maternal hypertensive disorders	1
P011	Newborn (suspected to be) affected by premature rupture of membranes	1
P012	Newborn (suspected to be) affected by oligohydramnios	1
P027	Newborn (suspected to be) affected by chorioamnionitis	1
P051	Newborn small for gestational age	1
P072	Extreme immaturity of newborn	4
P073	Premature newborn	2
P209	Intrauterine hypoxia, unspecified	2
P220	Respiratory distress syndrome of newborn	2
P229	Respiratory distress of newborn, unspecified	1
P293	Persistent fetal circulation	1
P369	Bacterial sepsis of newborn, unspecified	3
P375	Neonatal candidiasis	1
P523	Unspecified intraventricular (nontraumatic) hemorrhage of fetus and newborn	1
P529	Intracranial (nontraumatic) hemorrhage of fetus and newborn	1
P614	Congenital anemia	1
P770	Necrotizing enterocolitis of fetus and newborn	2
P780	Perinatal intestinal perforation	1
P916	Hypoxic ischemic encephalopathy of newborn	1
Congenital Malformations and Chromosomal Abnormalities		
Q000	Anencephaly	1
Q249	Congenital malformation of heart, unspecified	1
Q790	Congenital diaphragmatic hernia	1
Q792	Exomphalos	1
Q913	Edwards syndrome	2
Q928	Trisomies and partial trisomies of autosomes	1
Ill-defined and Unknown Cause of Mortality		
R99	Ill-defined and unspecified causes of mortality	7
Y34	Unspecified event, undetermined intent	1
Total Infant Deaths		44

Source: NC Mortality File, NC State Center for Health Statistics.

This report was prepared by the Health Surveillance and Analysis Unit of the Division of Public Health:

Mark H. Smith, Ph.D., Epidemiologist

Laura Mroska, MPH, MSW, Community Health Educator

For more information about Guilford County health statistics, visit

<https://www.guilfordcountync.gov/our-county/human-services/health-department/health-statistics>