

CHILD DEATHS IN NORTH CAROLINA: ANNUAL REPORT

Figure 1. 1991-2019 Trends in North Carolina Resident Child Death Rates† Ages Birth Through 17 Years

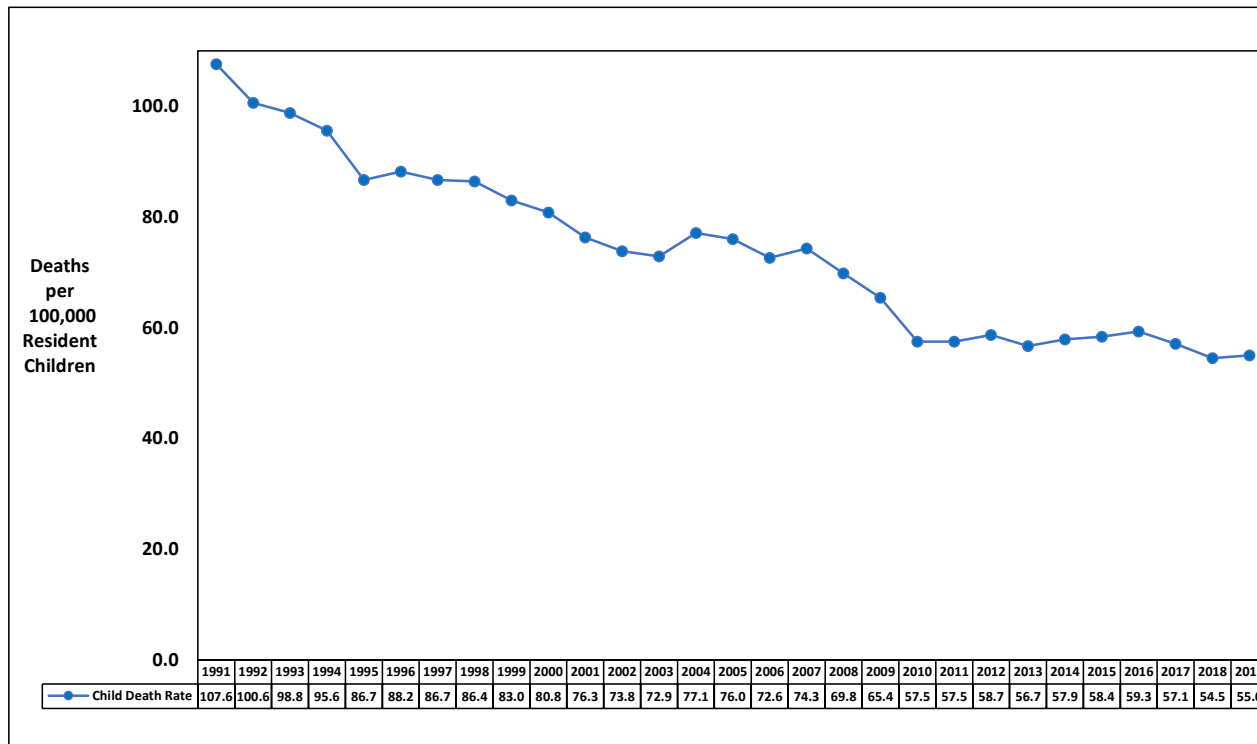
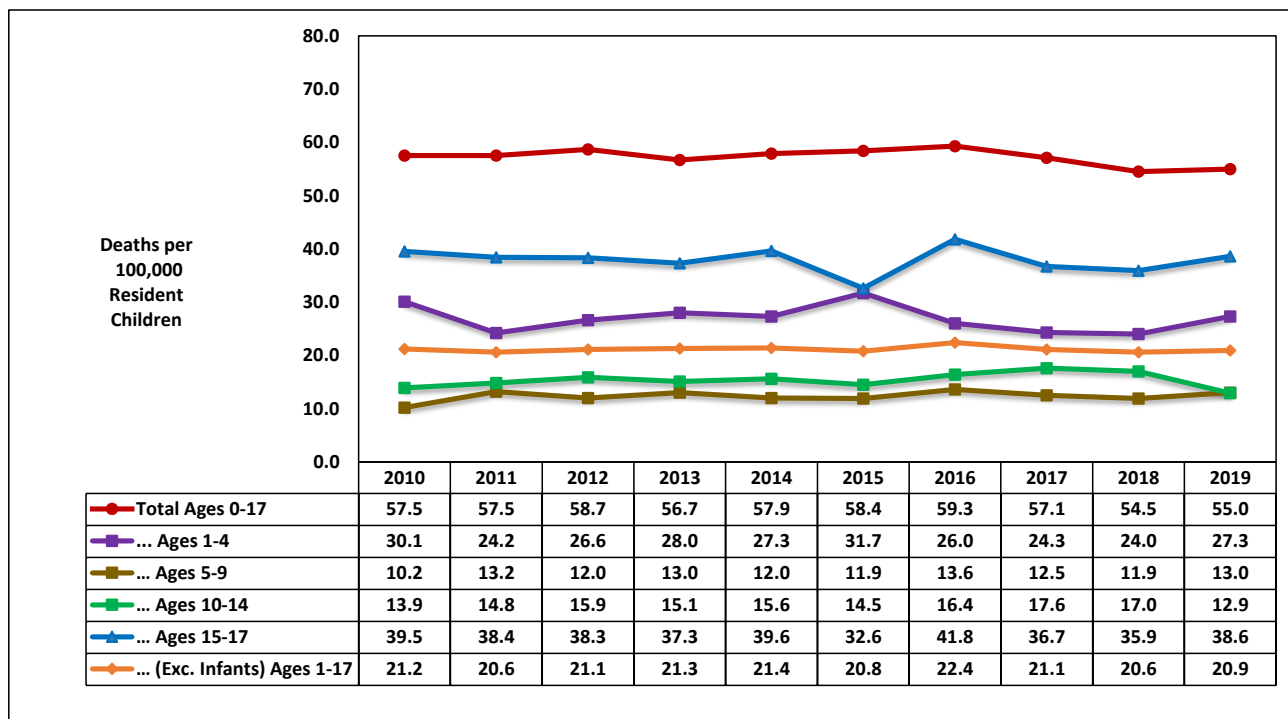


Figure 2. 2010-2019 Trends in North Carolina Resident Child Death Rates† by Age Group



† Child death rates prior to 2019 have been recalculated using the latest available population data

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Table 1. 2019 NC Resident Child Deaths By Age Group & Cause of Death

Cause of Death	TOTAL, AGES 0-17		AGE GROUP (years)									
			Infants		1-4		5-9		10-14		15-17	
	N	Col %	N	Row %	N	Row %	N	Row %	N	Row %	N	Row %
TOTAL DEATHS	1,265	100.0	810	64.0	134	10.6	82	6.5	86	6.8	153	12.1
CAUSE OF DEATH CATEGORY:	N	Col %	N	Row %	N	Row %	N	Row %	N	Row %	N	Row %
Perinatal Conditions	423	33.4	422	99.8	1	0.2	0	0.0	0	0.0	0	0.0
... Short Gestation/Low Birthweight	151		151		0		0		0		0	
... Maternal Complications	105		105		0		0		0		0	
... All Other Perinatal Conditions	167		166		1		0		0		0	
Medical Conditions	252	19.9	83	32.9	62	24.6	44	17.5	27	10.7	36	14.3
... Malignant Neoplasms (Cancer)	44		1		10		13		9		11	
... Heart Disease	26		12		6		2		3		3	
... Chronic Lower Respiratory Diseases	9		1		3		2		1		2	
... Septicemia	13		4		4		3		1		1	
... Pneumonia/Influenza	10		3		1		2		3		1	
... All Other Medical Conditions	150		62		38		22		10		18	
Birth Defects	172	13.6	145	84.3	13	7.6	5	2.9	5	2.9	4	2.3
... Circulatory System	38		31		5		0		1		1	
... Nervous System	26		14		7		2		3		0	
... Respiratory System	15		14		0		0		0		1	
... All Other Birth Defects	93		86		1		3		1		2	
Motor Vehicle Injuries	88	7.0	1	1.1	16	18.2	15	17.0	17	19.3	39	44.3
Other Unintentional Injuries	91	7.2	32	35.2	20	22.0	11	12.1	12	13.2	16	17.6
...Suffocation/Choking/Strangulation	35		26		6		1		2		0	
...Drowning	25		1		7		6		4		7	
...Poisoning	8		2		1		0		0		5	
...Bicycle	1		0		0		0		1		0	
...Firearm	4		2		0		0		1		1	
...Smoke, Fire & Flames	5		0		1		2		0		2	
...All Other Accidental Injuries	13		1		5		2		4		1	
Suicide	36	2.8	0	0.0	0	0.0	0	0.0	15	41.7	21	58.3
... by Firearm	15		0		0		0		8		7	
... by Hanging	18		0		0		0		6		12	
... by Poisoning	1		0		0		0		0		1	
... All Other Suicides	2		0		0		0		1		1	
Homicide	56	4.4	10	17.9	8	14.3	6	10.7	5	8.9	27	48.2
... Involving Firearm	36		1		1		4		5		25	
... All Other Homicides	20		9		7		2		0		2	
All Other Causes of Death	147	11.6	117	79.6	14	9.5	1	0.7	5	3.4	10	6.8

Note on Cause of Death Figures: Numbers in this report from the State Center for Health Statistics (SCHS) may differ slightly from numbers reported later by the Office of the Chief Medical Examiner (OCME). The SCHS bases its statistics on death certificate coding only, and closes out annual data at a specific point in time. The OCME makes its determinations utilizing a variety of information sources when conducting its death reviews, does not close out their data, and some of its cases are still pending when the State Center for Health Statistics closes their annual data files. Therefore, the cause and manner of death determined by the OCME may be modified based on OCME review after the time period during which the SCHS finalizes annual data files.

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Figure 3. 2010-2019 Trends in North Carolina Resident Child Death Rates† by Race/Ethnicity, Ages Birth Through 17 Years

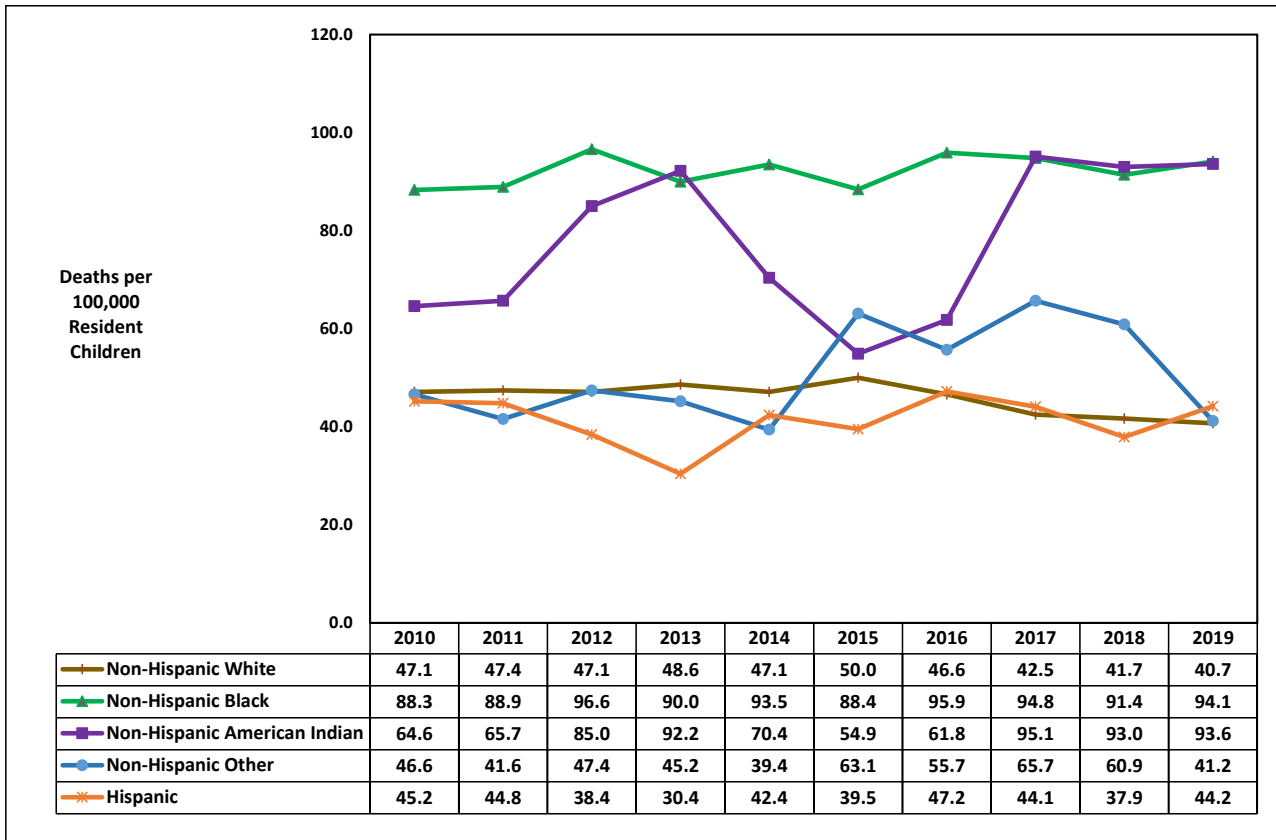
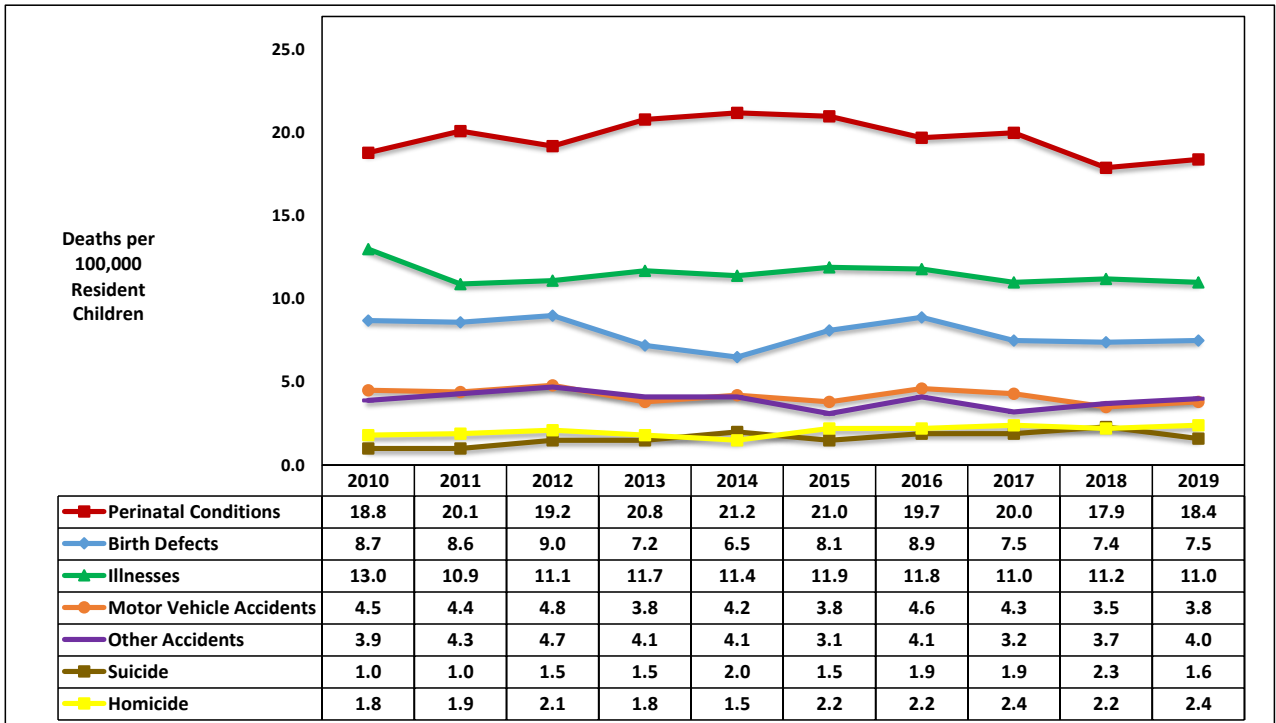


Figure 4. 2010-2019 Trends in North Carolina Resident Child Death Rates† for Selected Causes of Death, Ages Birth Through 17 Years



† Child death rates prior to 2019 have been recalculated using the latest available population data

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Table 2. Leading Causes of Child Death by Age Group, NC Residents 2019

All Ages, 0-17			
Rank	Cause	Number	%
1	Conditions originating in the perinatal period	423	33.4%
2	Congenital anomalies (birth defects)	172	13.6%
3	Other Unintentional injuries	91	7.2%
4	Motor vehicle injuries	88	7.0%
5	Homicide	56	4.4%
6	Cancer	44	3.5%
7	Suicide	36	2.8%
8	Diseases of the heart	26	2.1%
9	Cerebrovascular disease	14	1.1%
10	Septicemia	13	1.0%
All other causes (Residual)		302	23.9%
Total Deaths --- All Causes		1,265	100.0%

Ages 1 to 17			
Rank	Cause	Number	%
1	Motor vehicle injuries	87	19.1%
2	Other Unintentional injuries	59	13.0%
3	Homicide	46	10.1%
4	Cancer	43	9.5%
5	Suicide	36	7.9%
6	Congenital anomalies (birth defects)	27	5.9%
7	Diseases of the heart	14	3.1%
8	Septicemia	9	2.0%
9	Chronic lower respiratory diseases	8	1.8%
10	Pneumonia & influenza	7	1.5%
All other causes (Residual)		119	26.2%
Total Deaths --- All Causes		455	100.0%

Infants			
Rank	Cause	Number	%
1	Congenital anomalies (birth defects)	145	17.9%
	Short gestation - low birthweight	145	17.9%
3	Maternal complications of pregnancy	61	7.5%
4	Complications of placenta, cord, and membranes	32	4.0%
	Other unintentional injuries	32	4.0%
6	Bacterial sepsis	29	3.6%
7	Diseases of the circulatory system	23	2.8%
8	Respiratory distress	19	2.3%
9	Intrauterine hypoxia and birth asphyxia	16	2.0%
	Neonatal hemorrhage	16	2.0%
All other causes (Residual)		292	36.0%
Total Deaths --- All Causes		810	100.0%

Ages 1 to 4			
Rank	Cause	Number	%
1	Other Unintentional injuries	20	14.9%
2	Motor vehicle injuries	16	11.9%
3	Congenital anomalies (birth defects)	13	9.7%
4	Cancer	10	7.5%
5	Homicide	8	6.0%
6	Diseases of the heart	6	4.5%
7	Septicemia	4	3.0%
8	Anemias	3	2.2%
	Cerebrovascular disease	3	2.2%
	Chronic lower respiratory diseases	3	2.2%
	In-situ/benign neoplasms	3	2.2%
All other causes (Residual)		45	33.6%
Total Deaths --- All Causes		134	100.0%

* Note: These tables use National Center for Health Statistics standards for classifying cause of death and may differ from tabulations presented in Table 1.

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Table 2. Leading Causes of Child Death by Age Group, NC Residents 2019

Ages 5 to 9			
Rank	Cause	Number	%
1	Motor vehicle injuries	15	18.3%
2	Cancer	13	15.9%
3	Other Unintentional injuries	11	13.4%
4	Homicide	6	7.3%
5	Congenital anomalies (birth defects)	5	6.1%
6	Septicemia	3	3.7%
7	Chronic lower respiratory diseases	2	2.4%
	Diseases of the heart	2	2.4%
	Pneumonia & influenza	2	2.4%
10	Aortic aneurism and dissection	1	1.2%
	Cerebrovascular disease	1	1.2%
	In-situ/benign neoplasms	1	1.2%
	Pneumonitis due to solids & liquids	1	1.2%
	All other causes (Residual)	19	23.2%
Total Deaths --- All Causes		82	100.0%

Ages 10 to 14			
Rank	Cause	Number	%
1	Motor vehicle injuries	17	19.8%
2	Suicide	15	17.4%
3	Other Unintentional injuries	12	14.0%
4	Cancer	9	10.5%
5	Congenital anomalies (birth defects)	5	5.8%
	Homicide	5	5.8%
7	Diseases of the heart	3	3.5%
	Pneumonia & influenza	3	3.5%
9	Anemias	1	1.2%
	Cerebrovascular disease	1	1.2%
	Chronic lower respiratory diseases	1	1.2%
	Complications of medical and surgical care	1	1.2%
	In-situ/benign neoplasms	1	1.2%
	Septicemia	1	1.2%
	All other causes (Residual)	11	12.8%
Total Deaths --- All Causes		86	100.0%

Ages 15 to 17			
Rank	Cause	Number	%
1	Motor vehicle injuries	39	25.5%
2	Homicide	27	17.6%
3	Suicide	21	13.7%
4	Other Unintentional injuries	16	10.5%
5	Cancer	11	7.2%
6	Congenital anomalies (birth defects)	4	2.6%
7	Diseases of the heart	3	2.0%
8	Chronic lower respiratory diseases	2	1.3%
9	Complications of medical and surgical care	1	0.7%
	In-situ/benign neoplasms	1	0.7%
	Nephritis, nephrotic syndrome, & nephrosis	1	0.7%
	Pneumonia & influenza	1	0.7%
	Pregnancy, childbirth, and puerperium	1	0.7%
	Septicemia	1	0.7%
	All other causes (Residual)	24	15.7%
Total Deaths --- All Causes		153	100.0%

* Note: These tables use National Center for Health Statistics standards for classifying cause of death and may differ from tabulations presented in Table 1.