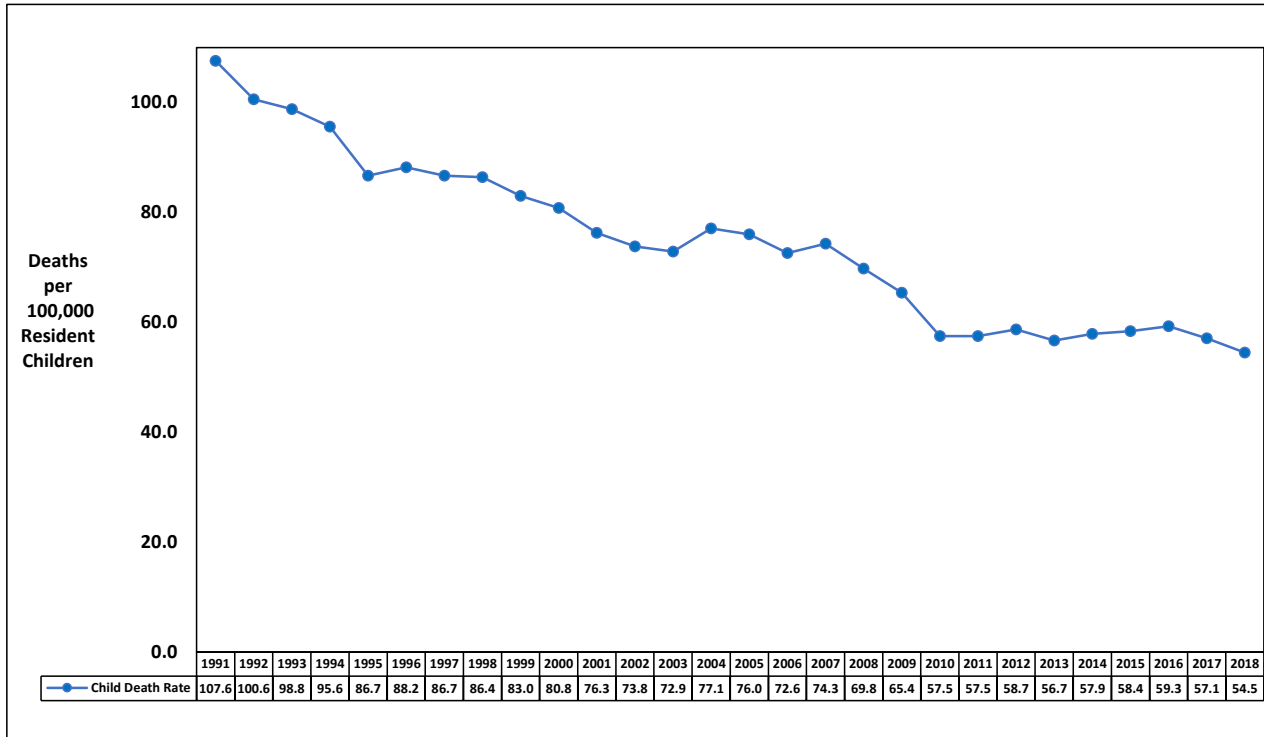
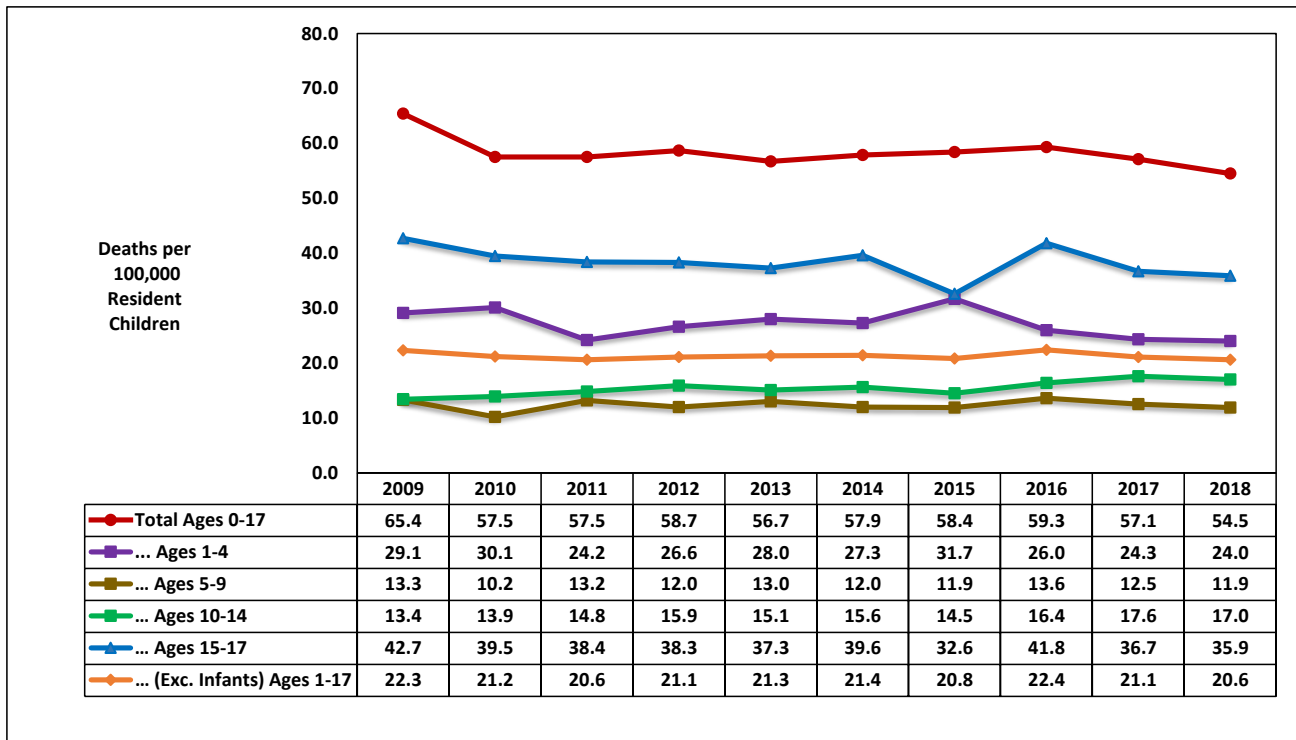


# CHILD DEATHS IN NORTH CAROLINA: ANNUAL REPORT

**Figure 1. 1991-2018 Trends in North Carolina Resident Child Death Rates† Ages Birth Through 17 Years**



**Figure 2. 2009-2018 Trends in North Carolina Resident Child Death Rates† by Age Group**



## CHILD DEATHS IN NORTH CAROLINA: ANNUAL REPORT

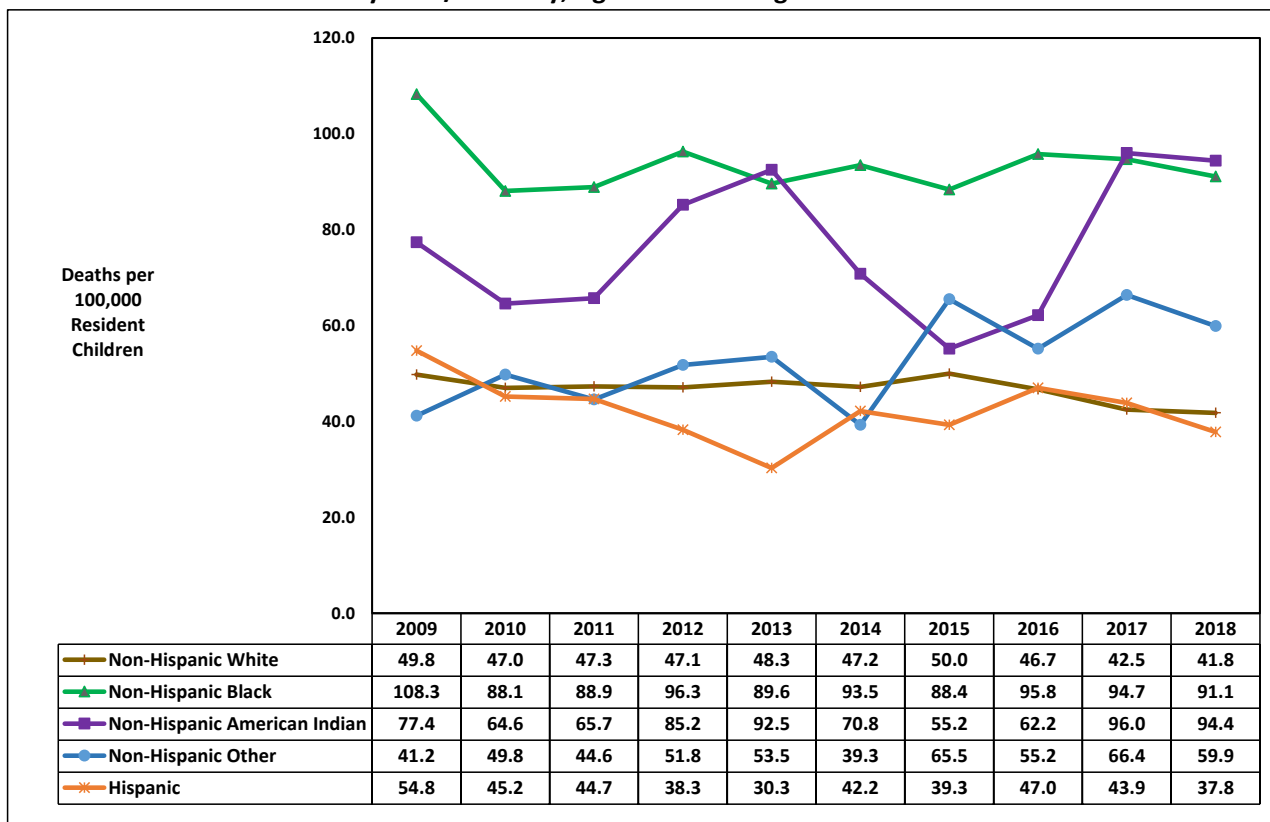
<b>Table 1. 2018 NC Resident Child Deaths By Age Group &amp; Cause of Death</b>												
Cause of Death	TOTAL, AGES 0-17		AGE GROUP (years)									
			Infants		1-4		5-9		10-14		15-17	
	N	Col %	N	Row %	N	Row %	N	Row %	N	Row %	N	Row %
<b>TOTAL DEATHS</b>	<b>1,255</b>	<b>100.0</b>	<b>806</b>	<b>64.2</b>	<b>118</b>	<b>9.4</b>	<b>75</b>	<b>6.0</b>	<b>113</b>	<b>9.0</b>	<b>143</b>	<b>11.4</b>
<b>CAUSE OF DEATH CATEGORY:</b>	<i>N</i>	<i>Col %</i>	<i>N</i>	<i>Row %</i>	<i>N</i>	<i>Row %</i>	<i>N</i>	<i>Row %</i>	<i>N</i>	<i>Row %</i>	<i>N</i>	<i>Row %</i>
<b>Perinatal Conditions</b>	<b>411</b>	<b>32.7</b>	<b>408</b>	<b>99.3</b>	<b>2</b>	<b>0.5</b>	<b>1</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
... Short Gestation/Low Birthweight	140		140		0		0		0		0	
... Maternal Complications	84		84		0		0		0		0	
... All Other Perinatal Conditions	187		184		2		1		0		0	
<b>Medical Conditions</b>	<b>257</b>	<b>20.5</b>	<b>90</b>	<b>35.0</b>	<b>45</b>	<b>17.5</b>	<b>32</b>	<b>12.5</b>	<b>55</b>	<b>21.4</b>	<b>35</b>	<b>13.6</b>
... Malignant Neoplasms (Cancer)	47		0		7		14		12		14	
... Heart Disease	29		14		9		1		4		1	
... Chronic Lower Respiratory Diseases	10		2		1		2		3		2	
... Septicemia	9		3		2		2		2		0	
... Pneumonia/Influenza	21		8		3		4		4		2	
... All Other Medical Conditions	141		63		23		9		30		16	
<b>Birth Defects</b>	<b>170</b>	<b>13.5</b>	<b>140</b>	<b>82.4</b>	<b>13</b>	<b>7.6</b>	<b>9</b>	<b>5.3</b>	<b>7</b>	<b>4.1</b>	<b>1</b>	<b>0.6</b>
... Circulatory System	60		45		8		4		3		0	
... Nervous System	21		12		2		4		3		0	
... Respiratory System	13		13		0		0		0		0	
... All Other Birth Defects	76		70		3		1		1		1	
<b>Motor Vehicle Injuries</b>	<b>81</b>	<b>6.5</b>	<b>6</b>	<b>7.4</b>	<b>14</b>	<b>17.3</b>	<b>10</b>	<b>12.3</b>	<b>18</b>	<b>22.2</b>	<b>33</b>	<b>40.7</b>
<b>Other Unintentional Injuries</b>	<b>86</b>	<b>6.9</b>	<b>22</b>	<b>25.6</b>	<b>27</b>	<b>31.4</b>	<b>17</b>	<b>19.8</b>	<b>6</b>	<b>7.0</b>	<b>14</b>	<b>16.3</b>
...Suffocation/Choking/Strangulation	27		17		6		3		1		0	
...Drowning	27		0		13		5		2		7	
...Poisoning	4		1		1		0		0		2	
...Bicycle	1		0		0		1		0		0	
...Firearm	4		0		1		0		1		2	
...Smoke, Fire & Flames	12		0		3		7		2		0	
...All Other Accidental Injuries	11		4		3		1		0		3	
<b>Suicide</b>	<b>52</b>	<b>4.1</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>18</b>	<b>34.6</b>	<b>34</b>	<b>65.4</b>
... by Firearm	26		0		0		0		8		18	
... by Hanging	21		0		0		0		9		12	
... by Poisoning	2		0		0		0		1		1	
... All Other Suicides	3		0		0		0		0		3	
<b>Homicide</b>	<b>51</b>	<b>4.1</b>	<b>9</b>	<b>17.6</b>	<b>7</b>	<b>13.7</b>	<b>3</b>	<b>5.9</b>	<b>8</b>	<b>15.7</b>	<b>24</b>	<b>47.1</b>
... Involving Firearm	32		1		1		2		5		23	
... All Other Homicides	19		8		6		1		3		1	
<b>All Other Causes of Death</b>	<b>147</b>	<b>11.7</b>	<b>131</b>	<b>89.1</b>	<b>10</b>	<b>6.8</b>	<b>3</b>	<b>2.0</b>	<b>1</b>	<b>0.7</b>	<b>2</b>	<b>1.4</b>

† Child death rates prior to 2018 have been recalculated using the latest available population data

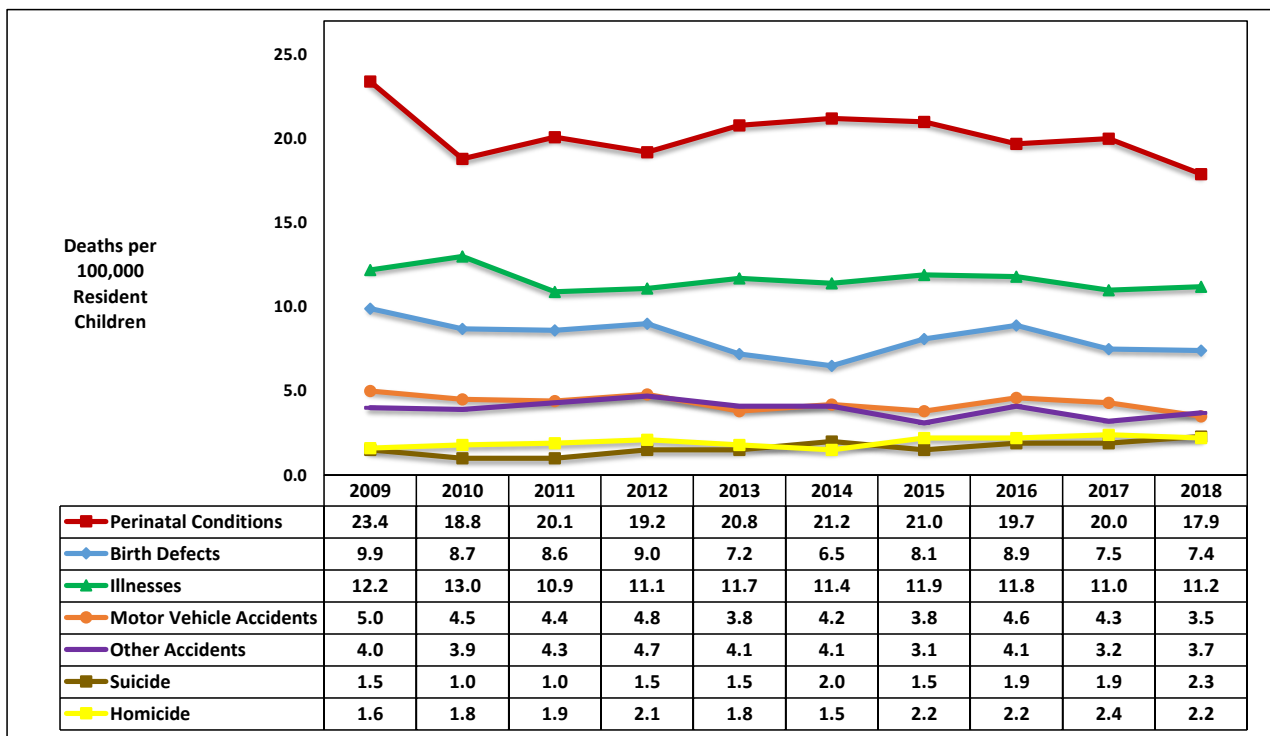
**Note on Cause of Death Figures:** Numbers in this report from the State Center for Health Statistics (SCHS) may differ slightly from numbers reported later by the Office of the Chief Medical Examiner (OCME). The SCHS bases its statistics on death certificate coding only, and closes out annual data 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.

## CHILD DEATHS IN NORTH CAROLINA: ANNUAL REPORT

**Figure 3. 2009-2018 Trends in North Carolina Resident Child Death Rate† by Race/Ethnicity, Ages Birth Through 17 Years**



**Figure 4. 2009-2018 Trends in North Carolina Resident Child Death Rate† for Selected Causes of Death, Ages Birth Through 17 Years**



# CHILD DEATHS IN NORTH CAROLINA: ANNUAL REPORT

**Table 2. Leading Causes of Child Death by Age Group, NC Residents 2018**

All Ages, 0-17			
Rank	Cause	Number	%
1	Conditions originating in the perinatal period	411	32.7%
2	Congenital anomalies (birth defects)	170	13.5%
3	Other Unintentional injuries	86	6.9%
4	Motor vehicle injuries	81	6.5%
5	Suicide	52	4.1%
6	Homicide	51	4.1%
7	Cancer	47	3.7%
8	Diseases of the heart	29	2.3%
9	Pneumonia & influenza	21	1.7%
10	Cerebrovascular disease	10	0.8%
	Chronic lower respiratory diseases	10	0.8%
	All other causes (Residual)		
		287	22.9%
<b>Total Deaths --- All Causes</b>		<b>1,255</b>	<b>100.0%</b>

Ages 1 to 17			
Rank	Cause	Number	%
1	Motor vehicle injuries	75	16.7%
2	Other Unintentional injuries	64	14.3%
3	Suicide	52	11.6%
4	Cancer	47	10.5%
	Homicide	42	9.4%
6	Congenital anomalies (birth defects)	30	6.7%
7	Diseases of the heart	15	3.3%
8	Pneumonia & influenza	13	2.9%
9	Chronic lower respiratory diseases	8	1.8%
10	Septicemia	6	1.3%
	All other causes (Residual)		
		97	21.6%
<b>Total Deaths --- All Causes</b>		<b>449</b>	<b>100.0%</b>

Infants			
Rank	Cause	Number	%
1	Congenital anomalies (birth defects)	140	17.4%
2	Short gestation - low birthweight	133	16.5%
3	Maternal complications of pregnancy	51	6.3%
4	Bacterial sepsis	27	3.3%
5	Complications of placenta, cord, and membranes	26	3.2%
6	Diseases of the circulatory system	22	2.7%
	Other Unintentional injuries	22	2.7%
	Respiratory distress	22	2.7%
9	Necrotizing enterocolitis	14	1.7%
10	Atelectasis	11	1.4%
	All other causes (Residual)		
		338	41.9%
<b>Total Deaths --- All Causes</b>		<b>806</b>	<b>100.0%</b>

Ages 1 to 4			
Rank	Cause	Number	%
1	Other Unintentional injuries	27	22.9%
2	Motor vehicle injuries	14	11.9%
3	Congenital anomalies (birth defects)	13	11.0%
4	Diseases of the heart	9	7.6%
5	Cancer	7	5.9%
	Homicide	7	5.9%
7	Pneumonia & influenza	3	2.5%
8	Conditions originating in the perinatal period	2	1.7%
	Septicemia	2	1.7%
	All other causes (Residual)		
		34	28.8%
<b>Total Deaths --- All Causes</b>		<b>118</b>	<b>100.0%</b>

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

# CHILD DEATHS IN NORTH CAROLINA: ANNUAL REPORT

**Table 2. Leading Causes of Child Death by Age Group, NC Residents 2018**

Ages 5 to 9			
Rank	Cause	Number	%
1	Other Unintentional injuries	17	22.7%
2	Cancer	14	18.7%
3	Motor vehicle injuries	10	13.3%
4	Congenital anomalies (birth defects)	9	12.0%
5	Pneumonia & influenza	4	5.3%
6	Homicide	3	4.0%
7	Chronic lower respiratory diseases	2	2.7%
	In-situ/benign neoplasms	2	2.7%
	Septicemia	2	2.7%
All other causes (Residual)		12	16.0%
<b>Total Deaths --- All Causes</b>		<b>75</b>	<b>100.0%</b>

Ages 10 to 14			
Rank	Cause	Number	%
1	Motor vehicle injuries	18	15.9%
	Suicide	18	15.9%
3	Cancer	12	10.6%
4	Homicide	8	7.1%
5	Congenital anomalies (birth defects)	7	6.2%
6	Other Unintentional injuries	6	5.3%
7	Diseases of the heart	4	3.5%
	Pneumonia & influenza	4	3.5%
9	Cerebrovascular disease	3	2.7%
	Chronic lower respiratory diseases	3	2.7%
All other causes (Residual)		30	26.5%
<b>Total Deaths --- All Causes</b>		<b>113</b>	<b>100.0%</b>

Ages 15 to 17			
Rank	Cause	Number	%
1	Suicide	34	23.8%
2	Motor vehicle injuries	33	23.1%
3	Homicide	24	16.8%
4	Cancer	14	9.8%
	Other Unintentional injuries	14	9.8%
6	Chronic lower respiratory diseases	2	1.4%
	Pneumonia & influenza	2	1.4%
All other causes (Residual)		20	14.0%
<b>Total Deaths --- All Causes</b>		<b>143</b>	<b>100.0%</b>

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