

# Child Fatalities in Wake County

Causes of death by age groups, and infant death  
rates by race/ethnicity

2017



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# Role of the CFPT

- Wake County Child Fatality Prevention Team and Community Child Protection Team is a combined team that examines and review medical examiner reports, death certificates and other records of deceased residents under the age of 18.
- The team is composed of representatives of public and non-public agencies within the community such as:
  - Law Enforcement
  - Guardian Ad Litem
  - Health Departments

## Child Fatalities by Cause of Death and Age Groups in Wake County 2017

	AGE GROUPS					TOTAL
	Infants	1-4	5-9	10-14	15-17	
<b>TIME PERIOD</b>						
<b>2013-2017</b>	<b>338</b>	<b>36</b>	<b>34</b>	<b>45</b>	<b>49</b>	<b>502</b>
<b>2017</b>	<b>72</b>	<b>5</b>	<b>2</b>	<b>14</b>	<b>9</b>	<b>102</b>
<b>CAUSE OF DEATH (2017)</b>						
Birth Defects	13	0	1	0	0	14
Perinatal Conditions	46	0	0	0	0	46
Illnesses	7	4	1	6	4	22
Unintentional Injuries	0	0	0	3	3	6
.....Motor Vehicle	0	0	0	3	0	3
.....Bicycle	0	0	0	0	1	1
.....Drowning	0	0	0	0	1	1
.....Poisoning	0	0	0	0	1	1
.....Suffocation/Choking/Strangulation	0	0	0	0	0	0
.....Other Unintentional Injuries	0	0	0	0	0	0
Homicide	0	0	0	1	0	1
Suicide	0	0	0	2	2	4
All Other	6	1	0	2	0	9

In 2018, the Wake County CFPT reviewed 19 child deaths and identified 28 system problems and recommendations for future prevention efforts.

## Number of Infant Deaths by Cause of Death in Wake County 2017

Perinatal Conditions	46
Birth Defects	13
Illnesses	7
All Other	6
<b>Total</b>	<b>72</b>

# Infant Mortality Rates by Race and Ethnicity, North Carolina 2017

Year	Total Infant Deaths	Rate	White Non-Hispanic Infant Deaths	Rate	Black Non-Hispanic Infant Deaths	Rate	Hispanic Infant Deaths	Rate
<b>2017</b>								
North Carolina	852	7.1	326	5.0	361	12.5	106	5.7
Wake County	72	5.7	13	1.9	31	11.4	14	7.0
<b>2013-2017</b>								
North Carolina	4301	7.1	1757	5.3	1830	12.7	489	5.4
Wake County	338	5.3	105	3.1	156	11.1	49	5.0

# Wake County Infant and Child Deaths 2015-2017

	<b>2017</b>	<b>2016</b>	<b>2015</b>
Total Number of Child Deaths	102	105	103
Total Number of Infant Deaths	72	73	71

## Infant Mortality Rates\* for Wake County 2015 - 2017

	<b>2017</b>	<b>2016</b>	<b>2015</b>
Overall Infant Mortality Rates	5.7	5.5	5.9
Black, Non-Hispanic Infant Mortality Rate	11.4	13.6	12.2

\* Number of infant deaths per 1,000 live births.

# Wake County Child Injury Deaths by Cause of Death 2015 - 2017

	2017	2016	2015
“Other Cause” (e.g. unsafe sleep environment)	6	8	8
Suicides	4	2	3
Homicides	1	4	6



# Total NC Resident Infant and Child Deaths

## NC Resident Child Deaths Ages 0 - 17

2013 – 2017 Rate (per 100,000)

<b>North Carolina:</b>	<b>57.8</b>
<b>Guilford:</b>	<b>65.3</b>
<b>Mecklenburg:</b>	<b>51.2</b>
<b>Wake:</b>	<b>38.7</b>

## Total Infant Death Rate 2017

<b>North Carolina:</b>	<b>7.1 (12.5)</b>
<b>Guilford:</b>	<b>9.8 (13.3)</b>
<b>Mecklenburg:</b>	<b>4.8 (8.8)</b>
<b>Wake:</b>	<b>5.7 (11.4)</b>

<https://schs.dph.ncdhhs.gov/data/vital/ims/2017/2017rpt.html>

# Addressing Infant Mortality

## Current Initiatives

- Health clinics with wrap around Care Management services (Pregnancy Care Management, Care Coordination for Children)
- High Risk Pregnancy Program in partnership with WakeMed
- Nurse Home Visiting (Nurse-Family Partnership; postpartum & newborn visits)
- Triple P (Positive Parenting Program)

## Opportunities

- Wake County Infant Mortality Workgroup
  - Best Babies Zone
- The JJ Way® Model, to be implemented at Wake County Human Services Clinic
- Fetal Infant Mortality Review
- DHHS alignment of statewide initiatives

# Wake County CFPT/CCPT Activities and Accomplishments

- Participated in the State of the State Summit on Child Fatality Prevention.
- Educated about the Wake County Drug Overdose Prevention and Tobacco Use Initiative.
- Shared drowning prevention messages through grand rounds, media and community partners.
- Completed annual CFPT Activity Summary.
- Completed individual reports on child deaths reviewed by the team and forwarded to the State Coordinator.