

Table 8 Selected Health Indicators

B. Mortality and Morbidity Statistics																		
Resident Data	Perinatal and Infant Mortality, 2009–2013					Age-specific Death Rates per 100,000 Population, 2009–2013				Age-adjusted Death Rates per 100,000 Population for Select Causes, 2009–2013 ¹⁶				Age-adjusted Cancer Incidence Rates per 100,000 Population, 2008–2012 ¹⁷				
	Perinatal Rate ¹¹	Fetal Rate ¹²	Neonatal Rate ¹³	Postneonatal Rate ¹⁴	Infant Rate ¹⁵	Total Rate	Ages 1–17	Ages 18–64	Ages 65+	Cancer	Heart Disease	Stroke	Violent Causes	All Cancer Types	Female Breast	Lung/ Bronchus	Colon/ Rectum	Prostate
North Carolina	11.6	6.6	5.0	2.3	7.3	83.0	2.1	35.7	440.4	173.3	170.0	43.7	62.7	488.9	157.0	71.9	39.8	139.4
Alamance	11.5	6.5	5.0	3.1	8.2	97.4	2.0	38.2	483.4	180.1	165.8	42.2	57.7	499.1	162.5	70.4	37.6	147.6
Alexander	7.5	5.9	1.6	3.3	4.9	93.0	0.8	44.5	403.8	174.7	176.9	29.2	80.6	474.3	137.9	78.3	47.5	125.1
Alleghany	6.3	2.1	4.2	0.0	4.2	109.9	1.0	46.8	378.2	155.8	160.7	27.9	91.8	464.4	124.3	64.4	41.6	131.2
Anson	18.4	11.8	6.7	3.8	10.4	105.9	4.0	49.7	489.6	185.7	188.2	64.1	79.2	464.8	165.7	68.4	44.2	123.5
Ashe	5.5	1.6	4.0	0.8	4.8	117.9	2.4	45.7	423.4	170.8	164.4	41.3	76.1	495.7	129.9	75.7	34.6	112.4
Avery	18.0	11.6	6.5	3.9	10.4	105.8	2.1	35.4	447.6	150.4	179.0	31.1	70.2	448.8	154.5	64.9	38.4	117.6
Beaufort	18.1	12.1	6.1	1.5	7.6	115.6	2.2	53.5	428.6	194.5	198.6	49.7	79.2	546.6	162.8	85.8	54.2	153.5
Bertie	20.9	12.9	8.0	4.1	12.1	118.3	4.5	46.9	483.2	174.0	180.6	48.8	69.1	470.0	168.5	70.7	50.4	165.0
Bladen	14.7	7.6	7.1	2.8	9.9	107.6	3.2	55.6	435.2	163.0	231.3	46.2	92.1	411.6	112.0	69.4	54.2	116.1
Brunswick	9.7	5.3	4.4	2.9	7.2	102.7	2.5	45.8	324.7	167.8	171.2	34.9	85.6	434.4	136.4	67.5	34.1	103.3
Buncombe	10.6	6.2	4.4	1.8	6.2	97.1	2.0	36.2	442.3	163.2	154.8	39.1	66.9	502.3	169.4	66.4	35.8	149.7
Burke	9.1	4.1	5.0	2.3	7.3	108.4	1.9	46.2	471.2	188.1	189.3	49.6	77.9	537.1	167.4	81.6	53.4	117.4
Cabarrus	9.7	6.5	3.2	1.6	4.8	77.0	1.5	32.2	485.0	173.5	166.6	48.4	66.7	532.8	158.5	79.5	41.2	150.4
Caldwell	11.6	6.4	5.2	4.2	9.4	107.7	1.5	49.1	473.8	195.2	195.5	56.8	76.7	478.1	150.4	89.5	42.4	85.3
Camden	0.0	0.0	4.4	2.2	6.6	68.0	3.3	26.0	370.8	143.8	165.3	33.7	44.6	457.6	184.0	44.5	32.1	188.7
Carteret	11.2	7.0	4.2	3.9	8.1	109.6	1.7	46.2	407.0	192.7	187.6	36.0	76.3	527.9	146.2	81.3	44.9	116.0
Caswell	11.5	3.8	7.7	0.0	7.7	111.1	4.0	49.4	459.9	188.3	189.0	36.7	81.0	518.7	156.7	81.9	51.0	163.6
Catawba	10.4	6.0	4.4	1.7	6.1	99.7	2.6	42.5	489.1	176.8	181.9	48.0	75.8	460.3	148.8	67.3	37.1	116.7
Chatham	8.4	3.1	5.3	1.3	6.6	93.6	0.9	33.9	360.1	148.2	130.9	40.1	49.7	463.0	168.1	53.8	39.2	116.0
Cherokee	9.6	4.3	5.2	3.5	8.7	125.7	2.0	55.6	388.6	182.2	192.9	37.7	106.3	481.9	157.5	77.2	34.5	81.6
Chowan	8.5	4.8	3.6	2.4	6.1	120.0	1.3	46.9	453.4	191.1	165.5	57.0	61.0	458.7	139.5	72.7	39.9	151.9
Clay	7.1	4.7	2.4	4.7	7.1	132.6	4.3	49.7	413.7	162.3	179.2	27.2	89.6	486.7	134.0	81.5	30.3	122.9
Cleveland	15.5	9.3	6.3	3.6	9.9	112.6	2.4	51.5	509.3	194.6	212.6	52.6	79.5	490.7	142.9	76.0	46.2	162.7
Columbus	13.6	7.6	6.1	4.0	10.0	116.4	3.0	60.1	487.3	191.7	256.9	53.1	100.7	443.4	120.2	83.2	39.1	131.5
Craven	10.5	5.1	5.4	2.6	8.0	92.7	1.7	37.4	435.0	181.8	164.8	46.7	62.0	480.0	141.9	78.2	36.5	147.5
Cumberland	13.3	7.9	5.5	2.6	8.1	70.6	3.1	39.1	444.2	186.0	201.2	42.7	73.5	477.4	153.4	75.1	39.8	132.6
Currituck	6.0	2.6	3.4	2.6	6.0	89.3	1.9	39.7	468.3	198.9	197.0	32.0	68.3	409.2	117.4	71.7	39.3	117.4
Dare	6.5	2.7	3.8	1.1	4.9	84.1	1.5	38.0	366.5	162.4	181.0	25.3	70.9	458.8	173.1	65.4	42.1	119.6
Davidson	8.9	4.4	4.5	3.4	7.9	98.6	2.0	44.0	466.0	177.5	197.7	49.2	67.8	514.7	151.1	87.0	43.8	140.6
Davie	2.5	1.0	1.5	4.0	5.5	94.7	1.5	34.9	422.0	170.5	145.8	39.1	66.2	513.2	153.9	76.8	36.5	143.9
Duplin	13.0	7.9	5.1	2.8	8.0	85.4	3.1	36.8	420.9	162.7	173.7	45.3	67.5	450.3	127.0	62.6	42.9	100.4
Durham	12.5	7.4	5.1	1.7	6.8	63.9	2.5	27.2	435.6	176.7	134.5	39.4	53.0	480.9	174.4	67.3	36.0	141.7
Edgecombe	19.1	13.3	5.9	2.7	8.5	103.6	3.1	52.4	462.8	193.0	201.8	82.4	64.4	501.9	161.2	72.3	38.1	167.9
Forsyth	11.8	5.0	6.8	2.5	9.2	84.6	2.2	34.5	459.2	179.4	145.5	43.7	56.9	506.5	166.4	70.8	35.7	162.8
Franklin	11.6	6.3	5.4	1.5	6.9	82.0	3.0	40.5	412.4	182.6	163.1	36.2	70.9	497.9	142.0	83.2	44.0	159.8
Gaston	11.7	5.7	6.0	2.4	8.4	101.9	2.1	47.9	511.5	193.6	205.8	44.7	75.2	500.4	146.3	83.8	48.9	123.4
Gates	16.7	13.0	3.8	0.0	3.8	94.8	3.8	42.8	424.9	170.9	178.1	31.9	58.3	396.1	124.1	62.0	30.9	129.1
Graham	6.6	4.4	2.2	2.2	4.4	116.9	2.2	54.2	415.1	157.8	199.6	35.7	111.7	441.1	166.0	56.6	32.7	86.3
Granville	11.6	6.8	4.8	1.4	6.2	81.6	2.3	38.4	416.3	188.2	163.0	38.3	61.9	559.8	154.2	88.9	56.0	149.8
Greene	19.4	13.5	6.0	1.7	7.7	85.4	1.7	34.3	474.6	183.2	207.2	52.2	59.6	466.3	112.2	82.7	34.1	172.9
Guilford	13.6	7.2	6.5	2.3	8.8	78.1	2.0	30.4	448.9	163.9	148.3	41.8	57.3	532.3	179.2	71.2	38.6	179.8
Halifax	19.1	12.5	6.7	4.0	10.7	120.1	3.4	57.3	498.0	200.4	207.8	54.0	79.8	505.2	166.4	71.0	46.4	153.9
Harnett	11.6	6.4	5.3	2.5	7.8	72.1	3.0	36.1	452.8	183.3	195.5	51.6	70.3	493.3	149.5	86.6	42.5	118.6
Haywood	8.6	5.7	2.9	1.1	4.0	116.1	2.4	43.2	412.4	158.4	190.7	41.6	76.9	488.0	147.5	65.9	33.5	128.9
Henderson	9.0	5.9	3.1	2.0	5.2	119.1	2.2	39.3	418.3	152.6	148.6	35.6	71.0	493.5	157.3	61.8	38.8	146.4
Hertford	13.3	4.7	8.7	4.8	13.4	103.7	0.4	43.3	460.2	183.7	175.3	45.5	53.7	471.3	160.8	69.6	43.9	154.7
Hoke	8.9	5.5	3.4	1.9	5.3	57.9	1.5	34.7	455.6	190.6	213.2	34.5	66.7	446.6	123.7	94.5	29.7	153.6
Hyde	11.4	3.8	7.6	7.7	15.3	96.7	6.0	31.1	458.7	197.8	169.7	63.3	54.6	491.3	151.5	94.4	66.5	135.4
Iredell	11.3	7.0	4.4	3.0	7.4	87.1	1.7	37.8	470.3	180.5	193.5	50.9	66.6	495.1	156.4	72.1	42.8	148.9
Jackson	12.3	6.4	5.9	2.0	7.9	82.1	3.3	32.7	373.3	177.8	163.0	29.8	70.0	485.8	134.7	67.3	47.3	127.1

¹¹ Fetal and neonatal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

¹² The number of fetal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

¹³ Number of infant deaths under 28 days of age per 1,000 live births. Source: North Carolina SCHS.

¹⁴ Number of infant deaths 28–364 days of age per 1,000 live births minus neonatal deaths. Source: North Carolina SCHS.

¹⁵ Number of infant deaths (<365 days of age) per 1,000 live births. Source: North Carolina SCHS.

¹⁶ Rate age-adjusted to the 2000 U.S. population computed using the direct age-adjustment method. Source: North Carolina SCHS.

¹⁷ Female breast and prostate cancer use gender-specific populations in the denominator. Source: North Carolina SCHS, Central Cancer Registry.

Table 8 Selected Health Indicators

B. Mortality and Morbidity Statistics																		
Resident Data	Perinatal and Infant Mortality, 2009–2013					Age-specific Death Rates per 100,000 Population, 2009–2013				Age-adjusted Death Rates per 100,000 Population for Select Causes, 2009–2013 ¹⁶				Age-adjusted Cancer Incidence Rates per 100,000 Population, 2008–2012 ¹⁷				
	Perinatal Rate ¹¹	Fetal Rate ¹²	Neonatal Rate ¹³	Postneonatal Rate ¹⁴	Infant Rate ¹⁵	Total Rate	Ages 1–17	Ages 18–64	Ages 65+	Cancer	Heart Disease	Stroke	Violent Causes	All Cancer Types	Female Breast	Lung/ Bronchus	Colon/ Rectum	Prostate
Johnston	10.1	5.3	4.9	1.7	6.5	70.7	1.9	35.7	436.2	184.2	226.0	41.6	68.6	486.7	139.9	74.9	40.6	131.1
Jones	25.8	9.9	16.1	2.0	18.1	122.3	1.0	50.1	475.4	203.6	203.9	66.8	55.4	475.8	121.2	79.2	41.5	143.9
Lee	14.1	6.2	7.9	1.9	9.9	88.9	2.4	40.6	449.2	181.1	185.8	46.6	73.1	465.9	137.2	76.8	44.6	100.2
Lenoir	12.2	6.9	5.2	2.3	7.6	117.7	2.8	54.8	505.1	194.4	222.0	54.2	73.1	552.7	165.8	86.1	54.6	167.6
Lincoln	9.3	4.3	5.1	1.3	6.3	88.6	2.2	38.3	454.3	166.8	212.2	50.1	67.2	488.5	152.6	76.5	34.7	130.8
McDowell	8.1	6.4	1.7	2.2	3.9	106.2	2.2	45.0	458.4	181.5	183.8	51.6	70.6	509.0	142.6	83.1	55.7	118.7
Macon	9.6	5.4	4.2	2.4	6.6	123.1	2.3	47.9	387.8	162.8	167.6	38.6	78.6	463.6	152.9	76.7	43.0	108.6
Madison	7.6	4.3	3.3	3.3	6.5	102.6	1.5	34.9	439.6	143.8	189.9	50.8	64.9	443.2	155.2	65.7	41.3	97.2
Martin	14.8	8.6	6.3	1.6	7.9	129.9	2.0	54.2	520.7	176.9	287.0	53.4	75.6	516.7	156.8	77.2	44.1	162.6
Mecklenburg	10.6	6.7	3.9	1.9	5.8	55.1	1.8	24.9	410.3	157.6	136.2	38.1	43.4	473.2	169.9	59.0	35.1	149.5
Mitchell	9.8	8.4	1.4	0.0	1.4	133.7	0.7	49.2	483.5	179.1	218.2	45.5	72.8	471.6	135.5	78.1	40.0	101.6
Montgomery	17.1	7.3	9.8	3.1	12.9	97.9	1.3	43.7	424.1	154.5	153.3	35.2	85.9	472.6	128.9	77.8	42.4	154.2
Moore	9.5	6.4	3.1	1.9	5.0	115.6	1.5	39.6	403.1	161.8	131.7	35.6	66.5	510.5	168.0	70.4	34.2	141.7
Nash	15.2	9.5	5.7	2.3	8.0	99.8	2.4	46.5	477.6	188.5	190.2	53.3	66.6	469.7	163.2	73.9	42.6	123.2
New Hanover	9.1	5.9	3.2	1.4	4.6	80.6	1.3	32.3	408.1	165.0	166.0	36.5	60.3	466.5	153.1	68.2	32.9	105.6
Northampton	16.0	12.0	4.0	5.1	9.1	120.9	4.8	52.6	426.1	187.8	167.6	49.6	80.9	485.2	144.2	80.5	49.7	181.8
Onslow	9.7	5.4	4.3	2.2	6.6	49.5	1.9	24.8	399.9	179.7	166.1	31.5	60.3	516.7	151.6	89.2	39.8	121.5
Orange	7.3	4.3	3.0	1.6	4.6	53.3	1.6	20.2	383.7	156.0	123.2	32.9	45.8	458.0	164.5	59.1	32.6	125.0
Pamlico	20.6	10.3	10.4	4.2	14.6	107.8	5.5	42.2	351.5	153.4	164.8	39.8	77.9	529.9	199.8	84.2	30.5	142.0
Pasquotank	11.9	7.5	4.4	3.6	8.0	98.1	1.4	37.1	521.8	205.7	218.7	49.2	51.3	494.6	168.5	73.0	49.5	167.6
Pender	10.1	5.0	5.1	2.4	7.4	87.7	3.1	39.8	392.0	170.4	149.4	44.9	69.5	479.0	150.0	68.2	35.1	99.5
Perquimans	17.9	7.5	10.5	3.0	13.5	107.1	1.5	44.0	361.0	157.8	190.7	48.1	64.9	424.8	138.8	67.4	40.0	122.7
Person	14.0	8.9	5.2	1.9	7.1	102.7	2.3	42.8	478.4	198.7	177.5	66.9	68.6	514.2	139.9	84.2	48.7	149.0
Pitt	15.9	9.5	6.4	3.8	10.2	67.4	2.6	30.1	442.2	172.5	176.8	48.6	62.9	483.7	171.0	66.5	38.7	144.2
Polk	5.7	4.3	1.4	1.4	2.9	135.5	1.1	42.2	440.1	150.3	135.2	34.6	63.7	453.2	139.6	57.6	36.4	109.2
Randolph	12.1	7.4	4.8	1.7	6.5	94.7	2.3	40.8	467.7	177.2	175.7	43.4	74.6	526.9	151.4	90.5	39.5	146.0
Richmond	12.4	6.6	5.9	2.4	8.3	114.3	3.2	53.1	541.5	207.2	238.5	65.3	80.5	515.3	139.0	89.7	41.8	135.1
Robeson	16.3	8.3	8.0	3.9	11.8	89.8	3.5	52.4	470.0	191.9	219.2	44.3	98.1	437.8	116.2	72.1	41.9	164.9
Rockingham	14.9	7.7	7.3	3.4	10.7	115.1	1.7	50.7	490.2	194.4	190.1	51.0	74.5	544.9	158.6	93.2	50.3	146.6
Rowan	12.8	7.6	5.2	1.5	6.7	107.9	2.5	47.5	515.9	190.3	192.6	53.0	79.9	516.9	165.5	84.0	43.8	139.6
Rutherford	11.1	7.1	4.0	3.5	7.5	120.0	2.0	50.7	494.7	174.8	197.1	58.7	71.4	470.9	150.5	78.1	43.5	98.3
Sampson	16.7	10.1	6.7	3.7	10.4	96.2	4.2	45.6	450.7	183.7	182.0	50.1	91.6	475.0	139.5	81.7	38.8	114.6
Scotland	13.9	6.3	7.6	3.0	10.6	104.5	2.6	54.7	486.8	191.7	218.8	48.7	71.3	520.6	152.0	84.3	46.0	200.7
Stanly	12.0	7.8	4.2	1.5	5.7	107.1	2.0	41.1	500.4	181.1	227.9	46.9	78.3	518.5	147.7	86.7	39.5	125.4
Stokes	9.7	5.4	4.4	3.4	7.8	102.9	2.5	45.6	436.9	184.9	152.1	62.9	75.1	483.1	136.1	82.7	40.0	117.2
Surry	9.1	4.8	4.3	2.8	7.1	113.3	1.9	43.8	498.5	199.3	178.5	45.0	72.8	503.6	149.1	83.3	42.9	128.3
Swain	13.6	8.4	5.3	2.1	7.4	131.2	3.3	68.1	516.6	216.5	245.0	71.6	111.9	541.3	176.8	108.1	54.9	66.8
Transylvania	10.8	6.5	4.4	2.9	7.3	118.9	2.6	36.9	364.4	137.2	147.7	31.0	83.1	427.8	136.2	49.5	39.3	126.4
Tyrrell	18.1	13.6	4.6	9.2	13.8	115.2	2.7	49.6	464.4	224.6	208.7	59.4	83.4	472.6	197.7	95.4	25.9	105.8
Union	9.5	5.0	4.5	1.0	5.5	57.7	1.5	25.5	408.0	157.0	166.0	39.8	46.9	455.6	158.3	59.7	36.1	118.1
Vance	13.4	7.0	6.4	3.1	9.5	102.8	2.4	57.8	448.9	199.8	195.7	50.1	85.6	519.9	162.5	75.1	58.8	160.8
Wake	10.1	5.3	4.8	1.7	6.5	48.2	1.6	20.0	380.1	154.3	129.7	40.7	39.0	476.1	168.7	57.0	34.8	153.6
Warren	13.7	7.4	6.4	2.1	8.5	108.0	2.5	46.5	400.1	184.8	164.4	32.8	54.4	485.2	148.6	85.4	54.3	152.0
Washington	16.9	9.8	7.1	4.3	11.3	117.7	0.0	46.2	469.2	167.1	272.4	43.4	29.3	476.3	140.1	60.5	64.5	166.1
Watauga	9.1	7.4	1.7	0.6	2.3	62.3	2.1	20.7	363.7	135.9	158.0	30.1	67.6	448.3	146.7	53.5	32.2	105.4
Wayne	13.2	6.8	6.5	2.8	9.3	91.1	2.8	42.8	467.9	192.8	174.8	49.3	69.0	492.6	148.1	75.9	44.3	143.7
Wilkes	12.9	7.9	5.0	3.9	8.8	106.6	2.3	47.1	429.5	182.7	166.4	41.7	84.8	468.2	139.6	76.4	40.6	138.5
Wilson	17.1	10.9	6.2	2.6	8.8	99.0	1.4	43.9	476.9	198.8	182.9	51.6	63.9	476.3	151.8	74.6	40.9	119.2
Yadkin	7.3	3.4	3.9	2.9	6.8	105.2	2.9	41.4	470.2	180.3	202.5	46.2	81.4	473.1	143.1	79.9	33.9	142.1
Yancey	12.7	9.2	3.5	3.5	7.0	124.4	2.4	44.7	455.0	181.0	186.3	40.5	81.4	529.2	153.2	84.4	35.6	124.1

¹¹ Fetal and neonatal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

¹² The number of fetal deaths per 1,000 live births and fetal deaths. Source: North Carolina SCHS.

¹³ Number of infant deaths under 28 days of age per 1,000 live births. Source: North Carolina SCHS.

¹⁴ Number of infant deaths 28–364 days of age per 1,000 live births minus neonatal deaths. Source: North Carolina SCHS.

¹⁵ Number of infant deaths (<365 days of age) per 1,000 live births. Source: North Carolina SCHS.

¹⁶ Rate age-adjusted to the 2000 U.S. population computed using the direct age-adjustment method. Source: North Carolina SCHS.

¹⁷ Female breast and prostate cancer use gender-specific populations in the denominator. Source: North Carolina SCHS, Central Cancer Registry.