

Errata — Table 8: In the Communicable Disease Rates section, the AIDS rates were reported in error and have been removed.
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Table 8
Selected Health Indicators
B. Mortality and Morbidity Statistics

Resident Data	Perinatal and Infant Mortality, 2007–2011 ⁸				Population-based Mortality Rates 2007–2011			Age-adjusted Cause-Specific Death Rates, 2007–2011 ^{13,16}			Age-adjusted Cancer Incidence Rates, 2007–2009 ^{13,17}					Communicable Disease Rates, 2007–2011 ¹⁸			
	Fetal Rate ⁹	Neonatal Rate ¹⁰	Postneonatal Rate ¹¹	Infant Rate ¹²	Total ^{13,14}	Geriatric (Ages 65+) ¹⁴	Injury/Violence ^{13,15}	Heart Disease	Cancer	Cerebrovascular Disease	Total	Female Breast	Lung	Colorectal	Prostate	Syphilis	Gonorrhea	Chlamydia	Tuberculosis
North Carolina	6.5	5.2	2.6	7.8	8.1	45.9	6.5	179.3	179.7	46.0	498.9	155.7	74.6	43.3	155.8	7.5	165.8	443.5	3.2
Alamance	6.4	4.4	2.6	7.0	8.2	50.1	5.8	178.3	182.6	49.9	542.8	161.1	84.2	44.8	178.5	5.4	177.9	384.5	2.9
Alexander	6.6	3.1	3.1	6.2	8.5	43.5	8.5	198.0	177.3	38.3	467.9	120.1	71.9	51.3	128.4	0.5	33.7	183.1	0.0
Alleghany	2.0	6.0	2.0	7.9	8.2	45.3	10.1	206.1	164.1	35.7	450.6	92.0	82.9	47.8	165.2	0.0	3.6	90.6	0.0
Anson	11.6	3.4	1.4	4.8	9.3	50.6	9.4	189.7	189.3	70.2	451.4	156.9	70.5	44.0	137.8	3.1	408.5	660.5	5.4
Ashe	3.0	2.3	0.8	3.0	8.2	45.6	9.2	174.4	166.4	54.3	475.4	116.7	76.5	37.2	136.1	0.0	7.6	83.7	0.0
Avery	8.4	4.8	6.0	10.8	8.0	45.3	7.0	181.0	167.7	31.3	478.7	167.3	76.4	38.3	121.4	1.1	9.0	80.9	0.0
Beaufort	12.0	3.9	1.4	5.4	8.6	44.8	7.0	207.4	186.4	55.4	540.6	158.5	77.2	63.3	162.7	3.4	181.6	459.3	2.6
Bertie	12.3	11.6	5.4	17.0	9.6	53.0	9.1	193.0	195.5	52.4	524.1	145.3	81.5	65.0	163.3	10.0	286.8	742.8	7.0
Bladen	8.2	5.2	2.6	7.8	10.0	49.3	9.9	259.1	192.8	61.5	401.7	111.5	65.6	46.1	113.9	5.4	174.6	571.2	3.6
Brunswick	4.7	4.7	2.4	7.0	7.6	33.3	8.5	174.3	167.9	37.4	417.8	135.1	68.2	37.4	91.0	2.8	61.7	242.6	1.9
Buncombe	5.5	3.2	2.0	5.2	7.6	46.7	6.4	165.8	171.6	41.0	508.9	169.6	71.9	40.2	156.4	4.8	83.5	290.7	2.6
Burke	3.7	5.6	2.9	8.6	8.7	47.9	7.9	192.0	191.5	46.1	490.3	147.9	78.2	50.5	133.0	2.9	80.5	239.6	0.9
Cabarrus	6.5	2.4	1.9	4.3	8.5	51.1	7.3	178.6	182.6	47.7	590.8	163.7	92.8	44.0	206.1	4.1	97.7	366.3	0.9
Caldwell	6.3	5.2	3.8	8.9	8.9	47.8	7.8	196.9	198.1	57.1	440.6	128.6	97.6	39.4	86.8	0.5	70.7	233.8	3.5
Camden	2.1	4.2	6.3	10.4	7.3	40.8	5.7	160.3	160.2	47.1	567.6	227.2	84.5	41.9	188.8	2.0	67.6	143.5	0.0
Carteret	6.4	2.9	2.9	5.8	8.1	43.2	7.8	198.9	196.8	43.6	523.4	139.0	83.7	49.4	126.5	2.2	64.9	291.3	2.2
Caswell	3.8	12.3	2.9	15.2	8.7	47.2	8.6	204.3	178.9	34.3	460.3	137.4	75.2	43.5	120.6	3.4	112.4	296.9	3.4
Catawba	5.1	5.1	2.2	7.3	8.6	48.6	7.7	176.6	184.1	49.0	480.9	147.9	81.8	42.7	132.1	1.4	124.4	323.9	1.7
Chatham	3.7	5.2	1.2	6.3	7.0	43.5	5.9	163.2	160.4	45.5	363.7	113.5	47.1	30.7	112.6	3.2	48.5	192.9	1.9
Cherokee	4.1	5.0	4.2	9.1	8.3	41.7	10.9	212.5	180.1	35.4	501.5	160.5	74.3	45.9	86.9	1.5	6.7	117.9	1.5
Chowan	6.6	3.3	3.4	6.7	8.3	48.3	6.4	178.2	215.2	55.9	476.5	123.8	78.5	39.5	159.0	1.4	208.5	483.4	2.7
Clay	0.0	4.9	7.4	12.3	7.6	39.9	10.0	175.5	162.5	30.8	469.7	114.6	72.8	40.4	106.6	1.9	7.7	73.2	0.0
Cleveland	7.5	7.0	2.9	9.9	9.4	51.9	8.6	214.5	189.3	51.7	497.6	120.7	82.0	49.2	188.4	3.3	170.1	403.3	1.4
Columbus	8.1	6.5	5.7	12.1	10.2	51.8	10.8	250.2	198.4	65.0	459.6	132.7	76.8	45.9	129.1	2.2	189.7	473.5	3.2
Craven	6.6	5.6	3.0	8.6	8.1	44.1	6.4	175.6	189.2	47.0	521.3	154.8	84.5	41.7	173.9	9.4	168.9	602.8	4.2
Cumberland	7.7	5.9	3.1	9.0	8.9	45.6	6.8	206.0	193.4	45.8	490.4	152.4	79.8	44.1	127.2	8.2	360.9	799.9	2.3
Currituck	2.5	5.9	6.8	12.6	8.7	45.7	8.0	195.0	199.6	26.5	470.9	112.2	72.8	48.4	174.0	0.8	68.5	177.9	0.0
Dare	4.6	4.6	1.0	5.6	7.3	37.8	6.4	182.4	168.1	29.2	500.4	200.9	74.7	45.2	134.8	1.2	44.6	185.2	1.2
Davidson	4.7	4.2	3.7	7.9	8.8	48.5	6.8	209.3	182.2	51.9	500.4	141.0	93.2	47.1	130.1	2.5	70.9	266.6	1.8
Davie	2.4	2.8	2.9	5.7	7.3	42.1	7.4	157.8	168.5	38.0	478.0	137.9	74.9	26.6	140.3	1.9	39.8	179.3	0.0
Duplin	8.1	7.9	1.7	9.6	8.6	46.8	8.1	190.0	170.7	50.1	442.7	127.2	69.7	33.5	113.2	5.4	121.1	406.7	9.4
Durham	6.4	4.5	2.2	6.7	7.6	46.2	5.6	146.1	184.5	41.9	491.8	165.6	72.4	39.3	163.8	13.0	265.4	580.2	4.7
Edgecombe	16.4	8.6	2.4	11.0	10.5	57.3	6.5	233.2	227.0	95.2	533.0	146.5	87.8	55.1	181.8	20.8	550.2	1094.0	5.6
Forsyth	4.9	6.9	3.3	10.2	7.7	45.6	5.6	140.8	180.7	45.2	503.1	160.5	69.5	34.7	175.7	24.0	227.3	721.8	3.2
Franklin	5.2	4.0	2.6	6.6	8.3	44.6	6.9	174.1	197.3	42.1	481.8	139.6	85.7	40.5	189.9	5.7	131.8	258.7	2.3
Gaston	6.6	5.9	3.0	8.9	9.4	51.9	7.6	219.7	193.4	43.3	506.1	146.3	81.1	53.0	151.9	4.7	179.2	434.0	1.3
Gates	12.5	7.2	0.0	7.2	9.2	50.1	6.8	195.0	208.9	36.6	474.1	215.3	64.4	38.4	148.0	3.4	126.1	351.3	0.0
Graham	4.3	4.3	4.3	8.6	8.3	41.3	9.9	208.4	167.7	25.7	501.3	152.6	69.0	53.3	94.3	2.4	7.2	113.1	2.4
Granville	5.5	2.9	1.3	4.2	8.8	47.3	6.5	188.0	224.5	50.2	567.6	160.0	84.8	65.8	176.0	2.8	134.4	360.3	1.4
Greene	11.3	7.3	6.6	13.8	8.9	52.0	6.6	221.0	195.8	69.0	490.3	144.6	77.9	40.2	165.7	7.6	210.7	550.0	17.2
Guilford	7.0	7.1	2.3	9.4	7.6	45.7	5.9	157.8	167.3	43.3	542.1	166.1	75.1	45.0	195.1	14.7	278.4	624.9	5.5
Halifax	10.3	8.3	4.3	12.6	9.5	50.2	7.6	226.5	210.2	52.9	539.1	175.1	82.5	46.9	185.6	6.9	316.4	747.8	6.9
Harnett	5.8	5.5	2.5	8.0	8.8	48.0	7.0	208.3	185.9	49.3	434.8	147.4	77.9	37.8	120.3	1.4	125.7	319.5	3.5
Haywood	7.6	3.5	1.4	4.9	7.8	43.8	7.5	194.8	171.0	44.0	498.8	154.9	65.1	34.7	151.0	2.1	18.0	145.9	1.7
Henderson	4.6	2.9	2.2	5.2	7.4	44.0	6.4	164.1	160.5	37.8	528.6	170.9	69.7	36.2	186.4	1.5	47.2	157.5	5.2
Hertford	5.6	10.5	5.0	15.4	9.3	53.0	5.6	178.9	226.3	58.7	458.0	163.8	64.8	51.3	134.5	3.4	306.7	724.2	5.9
Hoke	7.0	4.4	3.1	7.5	9.3	48.9	7.6	246.4	207.5	34.2	344.3	112.0	82.7	36.6	94.7	2.6	185.6	417.9	3.5
Hyde	3.8	7.7	3.9	11.5	9.0	55.7	6.7	192.9	231.0	83.0	521.0	218.3	93.4	62.1	126.9	7.3	76.9	322.4	7.3
Iredell	6.5	3.7	2.7	6.3	8.5	48.0	6.7	200.3	181.3	48.4	501.2	148.0	71.6	47.9	172.7	1.1	143.5	294.0	0.6
Jackson	5.7	6.2	2.4	8.6	7.9	41.1	8.2	174.6	174.1	28.5	508.2	138.2	63.3	50.9	143.7	2.1	45.1	296.8	2.1

⁸ All rates are average for the 5-year period, 2007–2011.

⁹ Stillbirths of 20+ weeks gestation per 1,000 deliveries (live births plus stillbirths).

¹⁰ Deaths under 28 days per 1,000 live births.

¹¹ Deaths 28 days to 1 year per 1,000 neonatal survivors (live births less neonatal deaths).

¹² Deaths under 1 year per 1,000 live births.

¹³ Rate age-adjusted to the 2000 U.S. population.

¹⁴ Deaths per 1,000 population.

¹⁵ Deaths per 10,000 population; consists of homicides, suicides, unintentional injuries, legal interventions.

¹⁶ Deaths per 100,000 population.

¹⁷ 2007–2009 reported cases per 100,000 population. The female breast cancer rate uses the female population and the prostate cancer rate uses the male population in the denominator.

¹⁸ Cases per 100,000 population.

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Table 8
Selected Health Indicators
B. Mortality and Morbidity Statistics

Resident Data	Perinatal and Infant Mortality, 2007–2011 ⁸				Population-based Mortality Rates 2007–2011			Age-adjusted Cause-Specific Death Rates, 2007–2011 ^{13,16}			Age-adjusted Cancer Incidence Rates, 2007–2009 ^{13,17}					Communicable Disease Rates, 2007–2011 ¹⁸			
	Fetal Rate ⁹	Neonatal Rate ¹⁰	Postneonatal Rate ¹¹	Infant Rate ¹²	Total ^{13,14}	Geriatric (Ages 65+) ¹⁴	Injury/Violence ^{13,15}	Heart Disease	Cancer	Cerebrovascular Disease	Total	Female Breast	Lung	Colorectal	Prostate	Syphilis	Gonorrhea	Chlamydia	Tuberculosis
Johnston	5.7	4.9	1.9	6.9	8.7	47.1	7.1	244.9	186.6	43.1	450.2	127.0	66.5	43.5	136.8	2.8	84.7	265.5	4.2
Jones	8.0	18.2	4.1	22.3	9.4	52.3	5.2	251.2	200.6	62.7	500.4	120.8	84.1	42.9	149.3	2.0	125.4	370.3	0.0
Lee	7.2	5.6	2.3	7.9	7.9	43.2	7.7	191.0	168.4	44.0	546.5	181.8	94.5	50.9	106.3	5.4	133.0	367.9	4.1
Lenoir	7.9	6.6	2.8	9.3	9.7	51.3	7.5	240.7	206.5	52.5	622.3	172.4	102.9	63.4	247.5	6.9	268.9	576.3	7.6
Lincoln	4.4	5.4	2.1	7.5	9.0	48.6	7.2	248.3	178.8	52.9	478.2	138.8	71.8	38.0	155.4	1.1	56.2	217.7	0.0
McDowell	7.6	2.0	2.4	4.4	8.4	45.2	8.2	194.1	189.5	45.6	556.8	174.0	88.4	57.3	150.8	1.4	50.5	175.1	1.4
Macon	5.0	4.5	2.8	7.3	7.5	40.1	7.5	174.0	170.0	39.8	483.4	178.0	76.2	40.5	124.0	1.8	9.0	146.1	1.2
Madison	9.7	3.3	5.5	8.7	8.1	46.2	7.5	186.4	178.7	50.4	560.9	175.3	87.3	41.0	142.3	3.9	28.3	140.3	0.0
Martin	6.5	7.3	1.5	8.7	10.0	54.7	9.0	275.4	185.6	74.1	459.7	131.8	72.8	47.5	200.6	6.7	211.5	615.3	3.4
Mecklenburg	7.1	3.9	2.2	6.1	7.2	43.0	4.6	142.6	166.0	40.6	496.3	176.1	60.4	40.2	176.1	16.8	195.5	522.1	4.2
Mitchell	5.2	1.3	1.3	2.6	8.7	49.1	7.5	224.5	186.4	52.1	455.7	100.6	76.0	41.7	141.0	0.0	3.8	89.7	1.3
Montgomery	8.3	10.0	2.2	12.2	8.0	43.1	8.7	159.9	145.5	43.5	440.6	116.3	81.0	38.3	132.4	2.2	80.2	287.6	10.1
Moore	6.5	4.7	2.5	7.2	7.0	41.9	7.0	136.2	166.7	37.8	529.1	171.5	72.9	34.4	156.8	3.0	104.3	274.6	2.1
Nash	10.9	7.6	2.7	10.2	8.6	46.0	6.8	187.5	186.9	48.4	470.2	148.8	67.2	47.8	127.6	12.7	273.0	604.4	1.9
New Hanover	4.9	2.6	1.8	4.4	7.5	42.9	6.2	180.2	179.3	38.9	494.6	163.0	74.0	37.6	115.1	8.3	151.8	441.5	2.1
Northampton	10.1	1.8	5.6	7.4	8.6	44.8	9.2	195.0	196.0	43.0	502.7	151.6	71.9	56.3	210.0	6.6	309.6	624.0	2.8
Onslow	5.2	4.7	2.7	7.4	8.3	42.5	6.4	187.0	189.3	38.9	524.1	148.1	93.1	41.4	128.9	1.6	157.7	630.4	1.9
Orange	4.3	5.0	1.8	6.9	6.5	39.2	4.6	138.0	156.3	34.9	515.6	188.1	59.4	36.2	154.5	3.7	71.5	279.7	3.5
Pamlico	7.7	5.8	3.9	9.7	8.0	38.7	10.0	163.6	174.4	54.7	420.5	122.8	77.7	28.0	132.5	1.6	62.9	271.9	0.0
Pasquotank	7.4	7.8	3.4	11.1	8.3	48.8	5.3	204.3	199.8	49.1	490.2	156.6	72.7	49.0	186.6	3.9	286.6	541.9	1.9
Pender	4.0	5.0	2.0	7.0	7.6	38.6	8.0	146.6	176.5	40.2	451.0	119.1	67.4	37.7	108.5	3.9	64.9	253.7	1.9
Perquimans	4.4	13.3	1.5	14.8	7.4	37.2	4.7	196.8	188.1	38.0	438.5	158.5	78.8	46.6	116.3	0.0	137.2	343.6	0.0
Person	9.1	5.3	1.3	6.6	9.4	52.5	8.1	197.4	207.0	82.7	503.8	112.7	87.3	58.5	147.9	1.6	92.4	368.0	1.6
Pitt	8.6	6.9	3.2	10.1	8.3	46.9	6.2	186.2	181.2	49.9	505.0	182.0	65.7	46.5	166.0	8.6	343.1	894.1	4.3
Polk	5.5	4.2	4.2	8.4	7.5	49.4	7.5	157.8	161.7	36.7	466.7	153.1	69.8	35.1	138.0	1.0	28.5	107.7	2.0
Randolph	5.5	5.0	2.1	7.0	8.5	47.4	7.6	179.7	182.2	43.4	508.8	153.6	89.1	43.6	145.4	2.7	52.1	221.2	0.4
Richmond	6.8	6.6	1.3	7.8	10.4	56.4	8.7	258.9	224.8	68.4	509.0	129.8	80.1	45.5	159.3	1.3	208.9	463.7	4.3
Robeson	7.8	9.5	3.9	13.4	10.0	49.5	10.2	226.7	197.4	47.1	485.2	133.3	77.8	47.3	185.4	6.1	365.1	773.7	11.7
Rockingham	6.9	6.6	2.8	9.3	9.1	49.9	8.3	202.8	195.3	51.3	533.1	151.0	97.0	53.1	141.2	4.1	120.9	330.4	2.4
Rowan	7.7	4.6	2.2	6.8	8.7	50.8	7.7	188.7	182.8	53.5	489.2	174.2	76.4	39.4	141.2	3.6	170.4	404.4	1.7
Rutherford	6.5	3.8	3.0	6.9	9.4	52.9	7.5	217.0	204.3	55.2	560.4	174.1	81.0	59.8	151.3	2.8	95.3	300.6	0.6
Sampson	9.5	8.7	4.1	12.8	9.1	48.0	10.1	195.4	192.5	57.2	408.4	129.4	75.8	40.0	89.8	3.2	173.0	365.8	7.9
Scotland	8.2	7.1	4.0	11.0	9.9	52.7	8.2	234.5	217.4	59.1	547.0	117.9	93.4	58.0	235.5	2.2	321.2	589.3	5.0
Stanly	6.5	4.9	2.0	6.9	8.7	50.1	8.2	214.7	181.6	49.2	542.3	160.4	87.3	42.5	133.5	1.7	122.1	345.5	2.0
Stokes	5.1	7.9	3.7	11.6	8.5	45.5	8.2	159.9	179.3	59.0	399.1	117.6	71.3	31.4	93.0	4.3	27.9	181.6	0.0
Surry	6.0	7.9	3.3	11.2	8.9	51.7	8.0	192.8	199.6	48.2	553.5	160.0	99.3	52.1	139.0	1.4	26.1	160.8	1.1
Swain	11.7	3.2	3.2	6.5	11.0	53.3	12.2	264.4	203.3	62.7	590.4	190.3	113.8	48.4	88.1	0.0	29.3	306.7	0.0
Transylvania	5.5	2.1	4.2	6.2	7.0	39.6	8.5	160.3	144.6	34.3	497.6	160.4	50.1	40.8	182.8	0.0	0.0	0.0	2.6
Tyrrell	8.0	4.0	4.1	8.1	9.9	55.2	9.8	261.4	249.6	40.7	522.8	196.3	82.6	33.1	123.1	0.0	142.1	506.8	0.0
Union	4.3	4.2	1.5	5.6	7.8	43.7	5.0	172.4	159.5	44.6	407.4	146.5	54.2	33.4	125.2	1.4	88.6	207.7	1.1
Vance	10.7	7.6	3.5	11.1	9.2	45.3	9.2	201.8	197.8	53.7	550.4	147.8	75.3	62.8	207.8	6.4	394.6	824.7	0.9
Wake	5.3	4.7	2.0	6.7	6.5	39.2	4.1	137.5	157.3	43.6	507.2	169.7	62.1	38.7	185.1	7.9	131.6	423.8	4.3
Warren	7.9	8.0	3.0	11.0	8.0	42.8	5.9	190.8	191.6	42.3	469.4	139.3	75.5	63.1	180.3	4.0	271.2	548.3	4.0
Washington	5.1	10.2	5.2	15.3	8.9	51.3	3.4	341.6	155.8	54.1	451.4	154.5	63.1	55.2	167.1	7.7	195.7	574.9	0.0
Watauga	4.3	4.3	1.1	5.4	6.8	39.3	7.1	173.4	158.8	32.2	485.3	157.8	55.0	38.8	155.0	0.8	14.3	151.3	0.8
Wayne	8.2	7.1	2.8	9.9	9.4	49.8	7.6	199.8	201.6	54.9	521.5	150.9	81.6	52.2	156.6	28.3	221.9	616.2	6.1
Wilkes	6.0	4.9	2.7	7.6	8.4	44.0	10.0	165.2	188.1	46.1	489.1	142.6	81.5	52.1	135.3	0.9	18.9	191.0	1.8
Wilson	11.1	6.2	2.4	8.6	8.9	49.7	7.1	183.3	211.8	44.4	523.6	163.5	77.6	48.4	137.4	6.3	371.3	769.9	6.1
Yadkin	4.1	5.1	2.8	7.8	8.4	47.5	8.2	189.8	190.7	41.3	491.5	141.1	85.0	34.0	147.0	2.6	38.0	152.4	0.5
Yancey	7.8	1.1	5.6	6.7	7.8	45.3	6.9	176.4	184.4	40.4	557.4	161.3	58.1	52.0	153.1	1.1	15.4	115.4	0.0

⁸ All rates are average for the 5-year period, 2007–2011.

⁹ Stillbirths of 20+ weeks gestation per 1,000 deliveries (live births plus stillbirths).

¹⁰ Deaths under 28 days per 1,000 live births.

¹¹ Deaths 28 days to 1 year per 1,000 neonatal survivors (live births less neonatal deaths).

¹² Deaths under 1 year per 1,000 live births.

¹³ Rate age-adjusted to the 2000 U.S. population.

¹⁴ Deaths per 1,000 population.

¹⁵ Deaths per 10,000 population; consists of homicides, suicides, unintentional injuries, legal interventions.

¹⁶ Deaths per 100,000 population.

¹⁷ 2007–2009 reported cases per 100,000 population. The female breast cancer rate uses the female population and the prostate cancer rate uses the male population in the denominator.

¹⁸ Cases per 100,000 population.