

# North Carolina

## Community Greenhouse Gas Emissions in 2010

### Target Year Detailed Report

	Equiv CO <sub>2</sub> (tons)	Equiv CO <sub>2</sub> (%)	Energy (million BTU)
<b>Residential</b>			
Electricity	36,833,500	17.0	199,100,000
Natural Gas	4,779,000	2.2	81,000,000
Heating Oil	2,729,700	1.3	33,700,000
Propane	1,959,998	0.9	27,999,972
<b>Subtotal</b>	<b>46,302,198</b>	<b>21.4</b>	<b>341,799,972</b>
<b>Commercial</b>			
Electricity	26,464,250	12.2	143,050,000
Natural Gas	3,609,030	1.7	61,170,000
Heating Oil	1,620,000	0.7	20,000,000
Propane	374,500	0.2	5,349,995
<b>Subtotal</b>	<b>32,067,780</b>	<b>14.8</b>	<b>229,569,995</b>
<b>Industrial</b>			
Electricity	28,286,500	13.1	152,900,000
Natural Gas	8,891,300	4.1	150,700,000
Heating Oil	6,658,200	3.1	82,200,000
Building Diesel	6,804,000	3.1	84,000,000
Propane	1,553,998	0.7	22,199,978
Coal	5,016,100	2.3	48,700,000
<b>Subtotal</b>	<b>57,210,098</b>	<b>26.5</b>	<b>540,699,978</b>
<b>Transportation</b>			
<i>Commercial Vehicle</i>			
Gasoline	2,690,709	1.2	34,059,606
Diesel	6,184,719	2.9	76,354,551
Propane	224,303	0.1	3,204,328
CNG	189,055	0.1	3,204,328
<i>Subtotal</i>	<i>9,288,786</i>	<i>4.3</i>	<i>116,822,813</i>
<i>Pass. Bus (Transit)</i>			
Diesel	1,630,991	0.8	20,135,694
<i>Subtotal</i>	<i>1,630,991</i>	<i>0.8</i>	<i>20,135,694</i>
<i>Personal Vehicle</i>			
Gasoline	37,891,512	17.5	479,639,388
Diesel	6,184,719	2.9	76,354,551

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Propane	369,106	0.2	5,272,944
CNG	311,104	0.1	5,272,944
<i>Subtotal</i>	44,756,440	20.7	566,539,828
<i>Rail (Transit)</i>			
<i>Subtotal</i>	0	0.0	0
<i>Unclassified</i>			
<i>Subtotal</i>	0	0.0	0
<b>Subtotal Transportation</b>	55,676,217	25.8	703,498,334
<b>Waste</b>			
Paper Products	11,003,850	5.1	
Food Waste	3,787,290	1.8	
Plant Debris	-621,270	-0.3	
Wood/Textiles	-324,324	-0.2	
<b>Subtotal</b>	13,845,546	6.4	
<b>Other</b>			
<i>Agriculture - Domestic Animals</i>			
Methane	1,448,538	0.7	
<i>Subtotal</i>	1,448,538	0.7	
<i>Agriculture - Manure Mgmt</i>			
Methane	8,447,145	3.9	
<i>Subtotal</i>	8,447,145	3.9	
<i>Burning of Agr. Waste</i>			
Methane	25,156	0.0	
<i>Subtotal</i>	25,156	0.0	
<i>CO2 Equiv of ODC's</i>			
<i>Subtotal</i>	0	0.0	
<i>Fertilizer Use</i>			
Carbon Dioxide	412,063	0.2	
<i>Subtotal</i>	412,063	0.2	
<i>Game Animals</i>			

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<i>Subtotal</i>	0	0.0	
<i>Human Emissions</i>			
<i>Subtotal</i>	0	0.0	
<i>Land Use Change</i>			
<i>Subtotal</i>	0	0.0	
<i>Lime Processing</i>			
Carbon Dioxide	515,577	0.2	
<i>Subtotal</i>	515,577	0.2	
<i>Sewage Treatment</i>			
Methane	137,544	0.1	
<i>Subtotal</i>	137,544	0.1	
<i>Waste Incineration</i>			
Methane	1,702	0.0	
<i>Subtotal</i>	1,702	0.0	
<b>Subtotal Other</b>	10,987,726	5.1	
<b>Total</b>	216,089,565	100.0	1,815,568,279