

# U.S. Greenhouse Gas Intensity and the Global Climate Change Initiative

*Table 15. Projected changes in U.S. greenhouse gas emissions, gross domestic product, and greenhouse gas intensity, 2002-2020*

<i>Measure</i>	<i>Projection</i>			<i>Percent Change</i>	
	<i>2002</i>	<i>2012</i>	<i>2020</i>	<i>2002-2012</i>	<i>2002-2020</i>
<i>Greenhouse gas emissions (million metric tons carbon dioxide equivalent)</i>					
<i>Energy-related carbon dioxide</i>	5,746	6,536	7,119	13.7	23.9
<i>Methane</i>	626	686	739	9.5	18.0
<i>Nitrous oxide</i>	335	351	366	4.9	9.3
<i>Gases with high global warming potential</i>	143	245	339	71.2	136.6
<i>Other carbon dioxide and adjustments for military and international bunker fuel</i>	62	79	86	26.7	37.2
<b><i>Total greenhouse gases</i></b>	<b>6,913</b>	<b>7,897</b>	<b>8,649</b>	<b>14.2</b>	<b>25.1</b>
<i>Gross domestic product (billion 2000 dollars)</i>	10,049	13,793	17,541	37.3	74.6
<i>Greenhouse gas intensity (thousand metric tons carbon dioxide equivalent per billion 2000 dollars of gross domestic product)</i>	688	573	493	-16.8	-28.3