

Report #: DOE/EIA-0573(2009)  
 Release Date: February, 2011  
 Next Release Date: February 2012

## Emissions of Greenhouse Gases in the United States 2009

**Table 28. U.S. emissions of hydrofluorocarbons, 1990-2009  
 (million metric tons carbon dioxide equivalent)**

Gas	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
HFC-23	46.3	42.1	36.5	15.8	22.1	20.3	17.9	21.9	17.6	17.6
HFC-32	*	*	*	0.2	0.3	0.4	0.6	0.9	1.2	1.7
HFC-125	*	1.0	6.6	9.8	11.3	12.9	15.4	18.4	22.1	27.2
HFC-134a	*	28.4	66.3	76.9	79.8	81.0	80.8	77.5	74.0	72.4
HFC-143a	*	0.6	4.9	9.8	11.9	14.3	16.9	19.7	22.5	25.9
HFC-236fa	*	0.4	0.8	1.1	1.2	1.2	1.3	1.3	1.4	1.4
<b>Total HFCs</b>	<b>46.3</b>	<b>72.5</b>	<b>115.2</b>	<b>113.6</b>	<b>126.4</b>	<b>130.1</b>	<b>132.8</b>	<b>139.7</b>	<b>138.9</b>	<b>146.3</b>

\*Less than 0.05 million metric tons carbon dioxide equivalent.  
 Note: Totals may not equal sum of components due to independent rounding.