

Greenhouse Gas Emissions in the United States 2007

Source	1990	1995	2000	2001	2002	2003	2004	2005	2006	P2007
Agricultural Soils										
<i>Direct Emissions</i>										
Biological Fixation in Crops . . .	59.0	62.5	68.3	70.0	65.7	62.9	71.4	71.2	71.7	63.3
Nitrogen Fertilizers	53.4	51.6	45.9	44.7	45.9	48.3	54.7	58.3	60.3	69.5
Crop Residues	28.4	28.3	34.9	34.9	33.1	33.1	38.8	37.6	37.2	36.1
Other	4.5	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0
Total Direct Emissions	145.4	147.2	153.9	154.5	149.7	149.2	169.9	172.0	174.2	174.0
<i>Indirect Emissions</i>										
Soil Leaching	36.5	35.4	31.5	30.8	31.6	33.2	37.4	39.8	41.2	47.3
Atmospheric Deposition	6.5	6.3	5.6	5.5	5.6	5.9	6.6	7.1	7.3	8.4
Total Indirect Emissions . . .	43.0	41.7	37.2	36.3	37.2	39.1	44.0	46.8	48.5	55.7
Solid Waste of Domesticated Animals										
Cattle	57.9	61.5	57.8	57.3	57.1	56.6	56.2	56.8	57.2	57.1
Swine	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.8
Poultry	0.9	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
Horses	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Sheep	1.0	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Goats	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4
Total Solid Waste	62.3	66.2	62.4	61.9	61.7	61.2	60.9	61.7	62.2	62.2
Crop Residue Burning	0.5	0.5	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6
Total Agricultural Sources . . .	251.2	255.6	254.1	253.3	249.1	250.1	275.4	281.2	285.5	292.4

P = preliminary data.
 Notes: Data in this table are revised from the data contained in the previous EIA report, *Emissions of Greenhouse Gases in the United States 2006*, DOE/EIA-0573(2006) (Washington, DC, November 2007). Totals may not equal sum of components due to independent rounding.
 Source: EIA estimates.