

Greenhouse Gas Emissions in the United States 2006

Table 28. Net Carbon Dioxide Sequestration from U.S. Land-Use Change and Forestry, 1990, 1995, and 2000-2005
 (Million Metric Tons Carbon Dioxide Equivalent)

Component	1990	1995	2000	2001	2002	2003	2004	2005
Forest Land Remaining Forest Land:								
Changes in Forest Carbon Stocks	598.5	717.5	638.7	645.7	688.1	687.0	697.3	698.7
Cropland Remaining Cropland:								
Changes in Agricultural Soil Carbon Stocks and Liming Emissions ^a	28.1	37.4	36.5	38.0	37.8	38.3	39.4	39.4
Land Converted to Cropland:								
Changes in Agricultural Soil Carbon Stocks	-8.7	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2	-7.2
Grassland Remaining Grassland:								
Changes in Agricultural Soil Carbon Stocks	-0.1	-16.4	-16.3	-16.2	-16.2	-16.2	-16.1	-16.1
Land Converted to Grassland:								
Changes in Agricultural Soil Carbon Stocks	14.6	16.3	16.3	16.3	16.3	16.3	16.3	16.3
Settlements Remaining Settlements:								
Urban Trees ^b	57.5	67.8	78.2	80.2	82.3	84.4	86.4	88.5
Other:								
Landfilled Yard Trimmings and Food Scraps	22.8	13.3	10.5	10.6	10.8	9.3	8.7	8.8
Total Net Flux	712.8	828.8	756.7	767.5	811.9	811.9	824.8	828.5

^aEstimates include carbon stock changes in mineral soils and organic soils on Cropland Remaining Cropland and liming emissions from all Cropland, Grassland, and Settlement categories.

^bEstimates include C stock changes on both Settlements Remaining Settlements, and Land Converted to Settlements.

Note: Totals may not equal sum of components due to independent rounding.

Source: U.S. Environmental Protection Agency, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2005*, EPA 430-R-07-002 (Washington, DC, April 2007), web site www.epa.gov/climatechange/emissions/usinventoryreport.html.