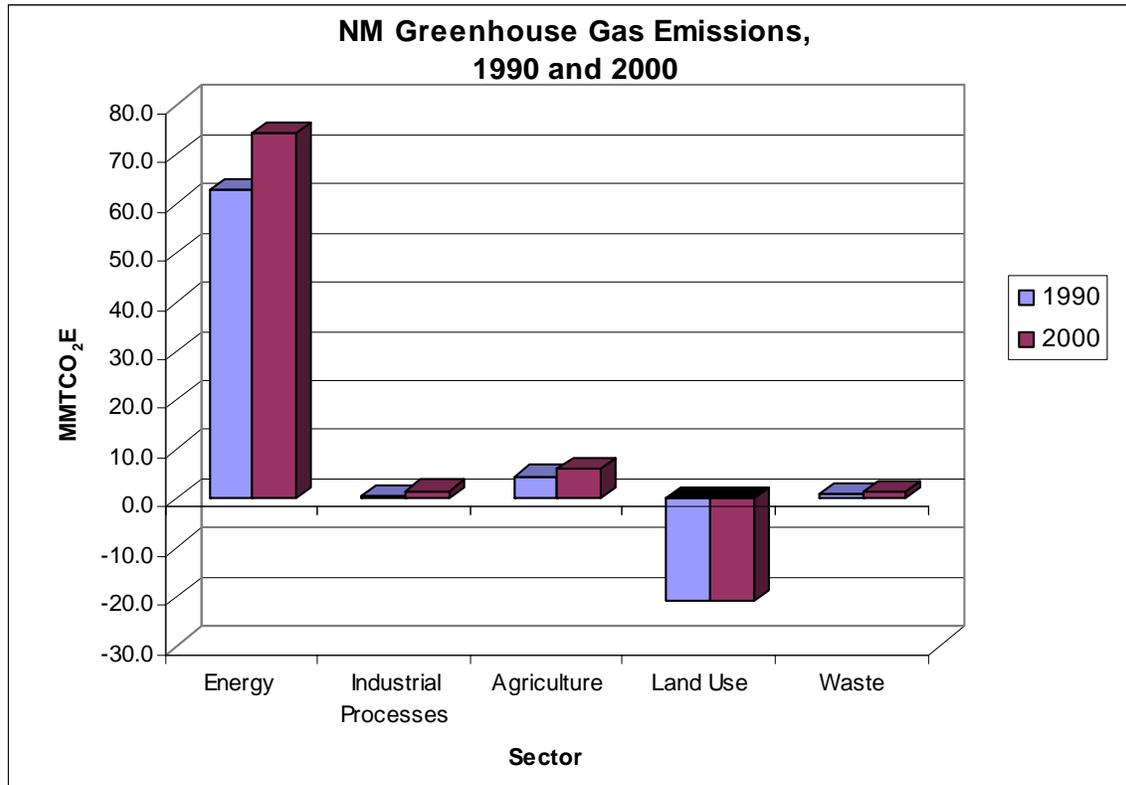


NEW MEXICO GREENHOUSE GAS EMISSIONS AND SINKS INVENTORY: SUMMARY



The New Mexico Environment Department report, *New Mexico Greenhouse Gas Inventory and Reference Case Projections, 1990-2020*, contains an inventory of New Mexico's greenhouse gas (GHG) emissions from 1990 to 2000.¹

In 1990, New Mexico emitted GHGs in the amount of 47.6 million metric tons carbon dioxide equivalent (MMTCO₂E). In 2000, GHG emissions increased to 62.0 MMTCO₂E, an overall increase of 30 percent from 1990 to 2000.

Emissions from the agriculture and waste sectors increased by 33 and 50 percent, respectively, compared to a 200 percent growth in emissions from industrial processes, due mostly to a growth in substitutes for ozone-depleting substances (ODS). The land use sector sink remained constant from 1990 through 2000 at 20.9 MMTCO₂E. This sink is due mostly to the size of New Mexico's forested lands, which comprise 27 percent of the land area in the state.

¹ Historical GHG emissions estimates (1990 through 2000) were developed using a set of generally accepted principles and guidelines for state GHG emissions inventories relying to the extent possible on New Mexico-specific data and inputs. Many of the inventory estimates came from the US Environmental Protection Agency's (EPA's) State Inventory Tool.

1990	CO ₂ (MMTCO ₂ E)	CH ₄ (MMTCO ₂ E)	N ₂ O (MMTCO ₂ E)	HFCs, PFCs, and SF ₆ (MMTCO ₂ E)	Total (MMTCO ₂ E)
Energy	*	*	*	*	62.7
Industrial Processes	*	*	*	*	0.5
Agriculture	*	*	*	*	4.5
Land Use	*	*	*	*	-20.9
Waste	*	*	*	*	0.8
Net Emissions	*	*	*	*	47.6

2000	CO ₂ (MMTCO ₂ E)	CH ₄ (MMTCO ₂ E)	N ₂ O (MMTCO ₂ E)	HFCs, PFCs, and SF ₆ (MMTCO ₂ E)	Total (MMTCO ₂ E)
Energy	*	*	*	*	74.2
Industrial Processes	*	*	*	*	1.5
Agriculture	*	*	*	*	6.0
Land Use	*	*	*	*	-20.9
Waste	*	*	*	*	1.2
Net Emissions	*	*	*	*	62.0

Note: Totals differ from those quoted in text due to independent rounding. All emissions are reported in million metric tons of carbon dioxide equivalent (MMTCO₂E).

* The New Mexico state Inventory did not include emissions by gas; thus, emissions of all gases, expressed in CO₂ equivalents are presented in the right-most column.

The largest contributor to New Mexico's GHG emissions is the energy sector, which accounted for 90 percent of the gross GHG emissions in 2000 and has increased by 18 percent between 1990 and 2000. Within the energy sector, electricity production is the largest single source of emissions contributing to 40 percent of gross emissions for 2000 followed by the fossil fuel industry as the second largest contributor to GHG emissions and accounted for 24 percent of gross emissions in 2000.

Gross per capita emissions from New Mexico were 45 MTCO₂E for the 1990-2000 timeframe, which is nearly twice the gross national per capita average of 25 MTCO₂E for this same time period.