

REPORT ON CARBON DIOXIDE EMISSIONS SUBMITTED PER CGS Sec. 16a-32a

This report is being submitted as required in Sec. 16a-32a of the Connecticut General Statutes. That section requires that OPM submit a report every three years to the General Assembly detailing the net amount of carbon dioxide emitted annually within Connecticut. This report is hereby submitted in completion of this requirement for 2009.

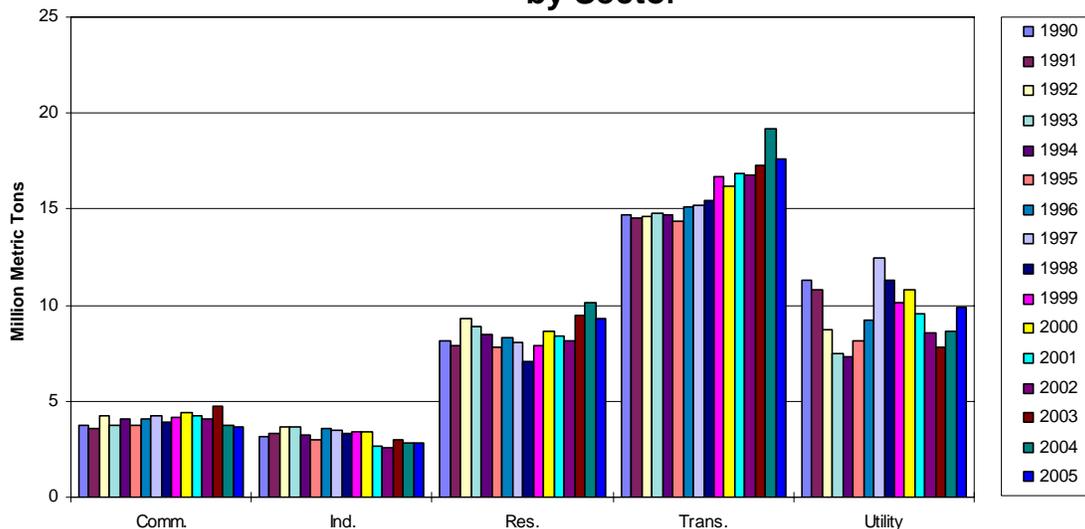
For the purposes of this report, we have calculated the carbon dioxide contribution made by the burning of fossil fuels within the state. Consumption data were obtained from the following website of the Environmental Protection Agency:

http://epa.gov/climatechange/emissions/state_energyco2inv.html

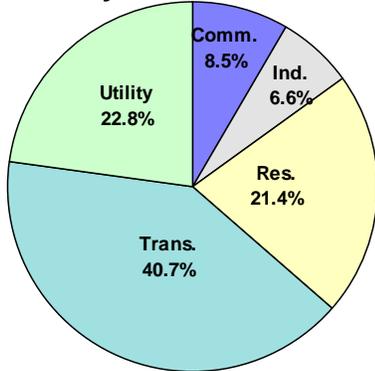
This data, in turn, is based on the “State Energy Data Report” (SEDR) which is developed by the Federal Government and lists state-level energy consumption data. This year we will be reporting on data for the year 2005 as this is the most recent data available.

The 2005 calculated carbon dioxide emissions come to 43.30 million metric tons (MMT). This level of emissions is 2.6% less than the value of 44.45 MMT calculated for 2004 and 5.7% more than the amount for 1990, when these calculations were first performed for Connecticut. As can be seen from the chart below, the most significant increases were seen in the transportation sector, due primarily to increases in vehicle miles traveled during this period.

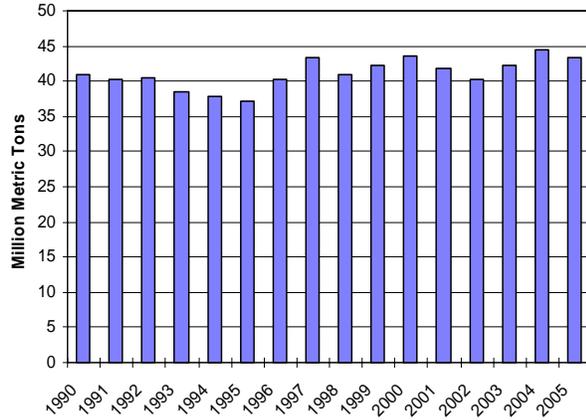
Tons CO2 Emitted In CT by Sector



**Tons of CO2 Emitted In CT
By Sector - 2005**



Tons of CO2 Emitted In CT



Supporting Data

(Source-Environmental Protection Agency)

Million Metric Tons of Carbon Dioxide

Sector	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Comm.	3.76	3.58	4.22	3.76	4.10	3.76	4.04	4.20	3.92	4.19	4.44	4.20	4.04	4.72	3.75	3.66
Ind.	3.17	3.35	3.63	3.67	3.27	3.02	3.55	3.48	3.34	3.38	3.44	2.65	2.57	2.98	2.81	2.86
Res.	8.11	7.86	9.33	8.90	8.51	7.82	8.30	8.06	7.03	7.92	8.66	8.40	8.16	9.48	10.12	9.28
Trans.	14.67	14.55	14.61	14.75	14.69	14.38	15.16	15.20	15.41	16.68	16.17	16.89	16.81	17.30	19.18	17.60
Utility	11.26	10.83	8.68	7.50	7.33	8.14	9.26	12.45	11.32	10.13	10.81	9.56	8.59	7.82	8.60	9.89
Totals	40.98	40.17	40.46	38.58	37.91	37.12	40.31	43.38	41.03	42.31	43.52	41.70	40.17	42.30	44.45	43.30