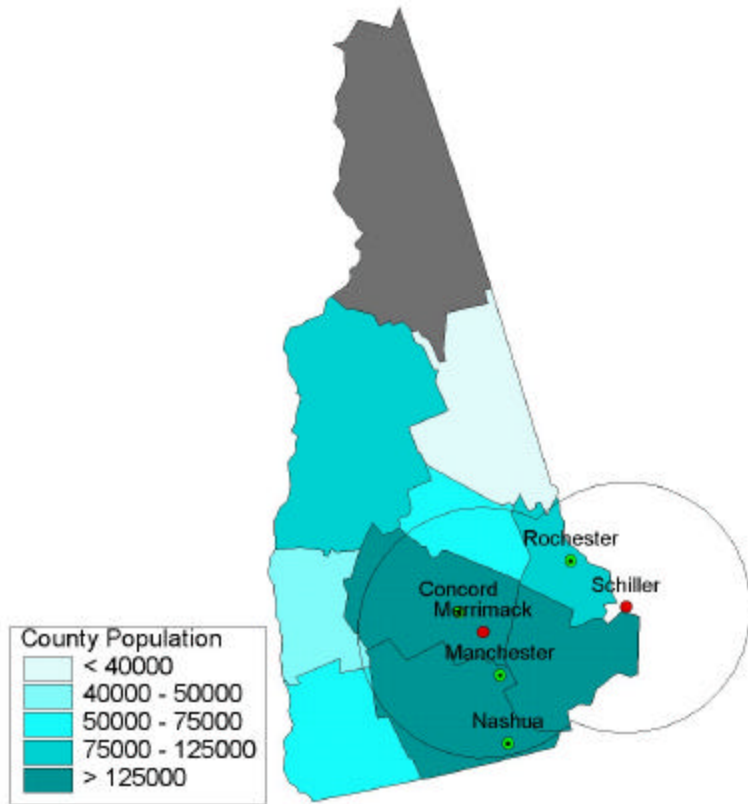


New Hampshire State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	2
Total Reported Releases	
Air	4,706,364
Land	33
Water	0
Total Lake Acres/River Miles under Mercury Fish Advisory	163,012 / 10,881
Total Ozone Non-Attainment Areas	8

Exposure Within 30 Mile Radius

Total Population	913,426
Total Number of Children	218,610
Total Number of Children in Poverty	16,357
Total Number of Children With Asthma	12,630

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

New Hampshire

Air Releases (tons except where noted)

Land Waste in Tons (on site (off site))

Plant Name	County	Total Reported Air Releases	NOx	SO2	CO2	PM2.5	PM10	VOCs	Acid Gases	Mercury (lbs)	Total Reported Land releases				Total Reported Water Releases
											Arsenic	Chromium	Nickel		
Merrimack	Merrimack	3,522,400	5,976	40,539	3,474,018	93	130	65	1,672	120	11	0 (0)	1 (0)	1 (0)	0
Schiller	Rockingham	1,183,964	2,023	5,821	1,175,561	41	90	13	456	30	22	0 (0)	0 (0)	0 (4)	0
Total		4,706,364	7,999	46,360	4,649,579	134	220	77	2,129	150	33	0 (0)	1 (0)	1 (4)	0

Notes and Sources: All releases are given in tons per year except for mercury which is given in pounds per year. Total air releases is the sum of NOx, SO2, CO2, PM10, VOCs, acid gases, and mercury (PM2.5 is included in PM10). The specific land waste metals were chosen due to their potential to contaminate groundwater. Metals listed include metals and their compounds. The Total Reported Land Releases column does not reflect all solid waste generated from coal-fired power plants. Water releases include total releases from the Toxics Release Inventory (TRI). SO2, NOx, and CO2 emissions come from the EPA's Continuous Emissions Monitoring System data for 2000. Mercury is calculated by applying the mercury emission rates developed in "Mercury Falling" (Environmental Working Group, Clean Air Network, and NRDC, 1999) to the heat input reported in the EPA CEMS data for 2000. PM2.5, PM10, VOCs, and acid gas emission rates were calculated based on the Clean Air Network's data for 1998 emissions. The emission rates were applied to the heat input for 2000. All other data came from the Clean Air Network 1998 data. All calculations were done by MSB Energy Associates for the Clean Air Task Force.

New Hampshire Exposure Profile for Children Within 30 Miles of a Coal-Fired Power Plant

Data Sources: U.S. Census Population Estimates for 1997; "Estimated Prevalence and Incidence of Lung Disease by Lung Association Territory," American Lung Association, 2001 (data is for 1998).

Exposure from Plants in State

Plant	State	County	Exposed Population	Children Under 18	Children in Pediatric Poverty	Asthma
Merrimack	NH	Merrimack	858,093	205,391	15,539	11,859
Schiller	NH	Rockingham	374,353	88,434	6,294	5,118