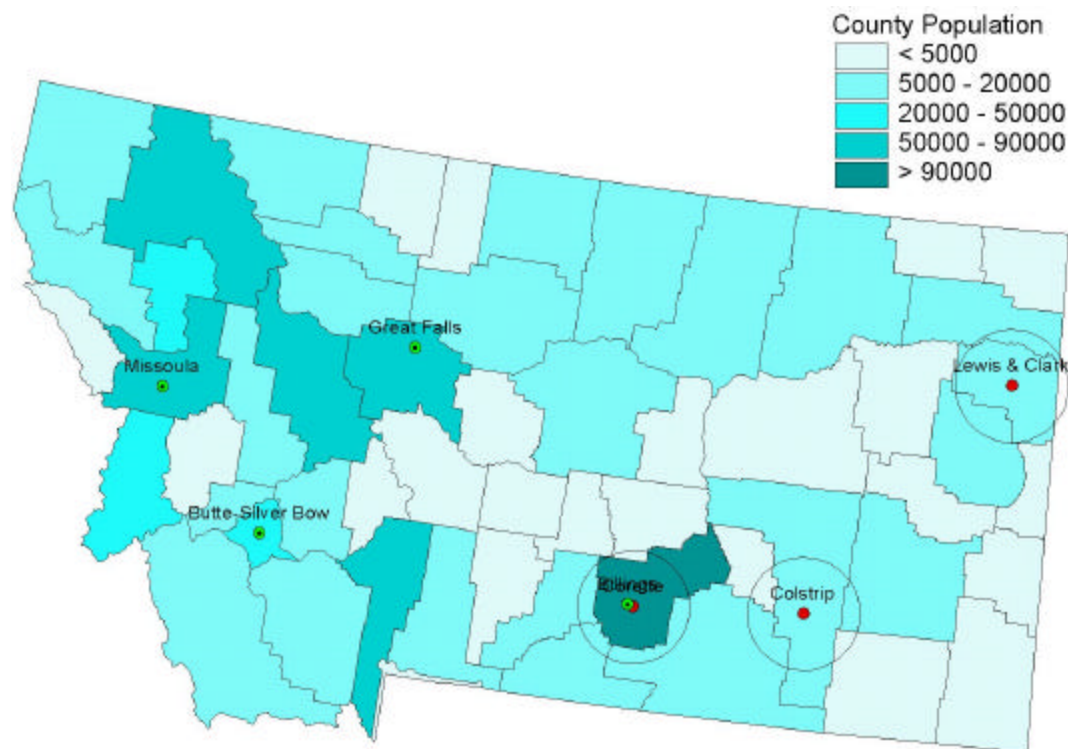


Montana State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	3
Total Reported Releases	
Air	17,955,967
Land	3,390
Water	0

Total Lake Acres/River Miles under Mercury Fish Advisory	321,858 / 34
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Total Ozone Non-Attainment Areas	0
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Exposure Within 30 Mile Radius

Total Population	179,853
Total Number of Children	47,746
Total Number of Children in Poverty	10,760
Total Number of Children With Asthma	2,553

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

Montana

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	Arsenic	Chromium	Nickel	Total Reported Water Releases
Colstrip	Rosebud	16,556,949	32,301	15,792	16,503,215	2,595	5,273	270	98	553	3,290	16 (0)	34 (0)	31 (0)	0
Corette	Yellowstone	1,399,018	1,622	3,315	1,393,914	76	107	23	37	24		0 (0)	0 (0)		0
Total		17,955,967	33,923	19,107	17,897,129	2,670	5,380	293	134	577	3,290	16 (0)	34 (0)	31 (0)	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.

Montana 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
Corette	MT	Yellowstone	147,438	36,643	7,695	2,012
Colstrip	MT	Rosebud	24,983	8,590	2,951	460