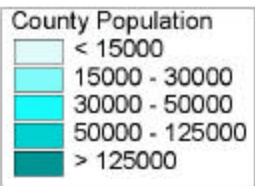
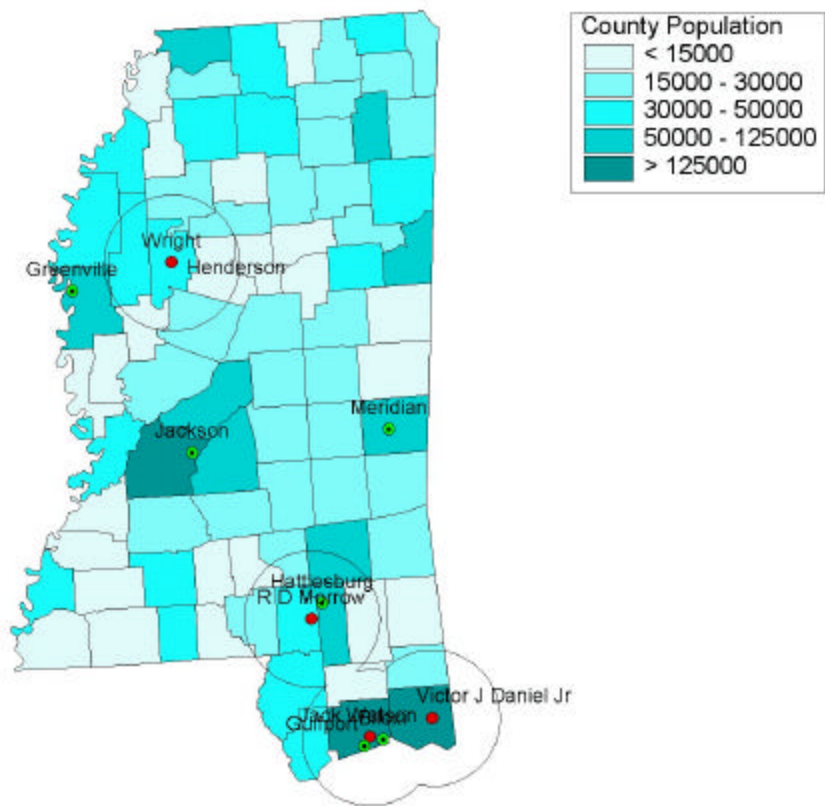


Mississippi State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	4
Total Reported Releases	
Air	15,678,705
Land	1,014
Water	2
Total Lake Acres/River Miles under Mercury Fish Advisory	15,371 / 201
Total Ozone Non-Attainment Areas	0

Exposure Within 30 Mile Radius

Total Population	974,032
Total Number of Children	260,136
Total Number of Children in Poverty	83,729
Total Number of Children With Asthma	14,468

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

Mississippi

Air Releases (tons except where noted)

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

Plant Name	County	Air Releases									Land Waste in Tons (on site (off site))				Total Reported Water Releases
		Total Reported Air Releases	NOx	SO2	CO2	PM2.5	PM10	VOCs	Acid Gases	Mercury (lbs)	Total Reported Land releases	Arsenic	Chromium	Nickel	
Jack Watson	Harrison	5,909,111	18,418	52,907	5,834,039	185	406	88	3,253	308	333	10 (0)	23 (0)	25 (0)	2
R D Morrow	Lamar	2,659,866	6,034	8,233	2,645,042	98	216	26	315	186	245	0 (0)	0 (0)		0
Victor J Daniel Jr	Jackson	7,109,728	10,236	27,008	7,071,915	235	342	98	128	203	436	0 (0)	9 (0)	7 (0)	0
Total		15,678,705	34,688	88,148	15,550,996	518	964	213	3,696	697	1,014	10 (0)	32 (0)	32 (0)	2

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.

Mississippi 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
Jack Watson	MS	Harrison	363,667	92,472	25,397	5,267
R D Morrow	MS	Lamar	225,112	59,187	19,910	3,318
Victor J Daniel Jr	MS	Jackson	254,394	66,200	17,510	3,739