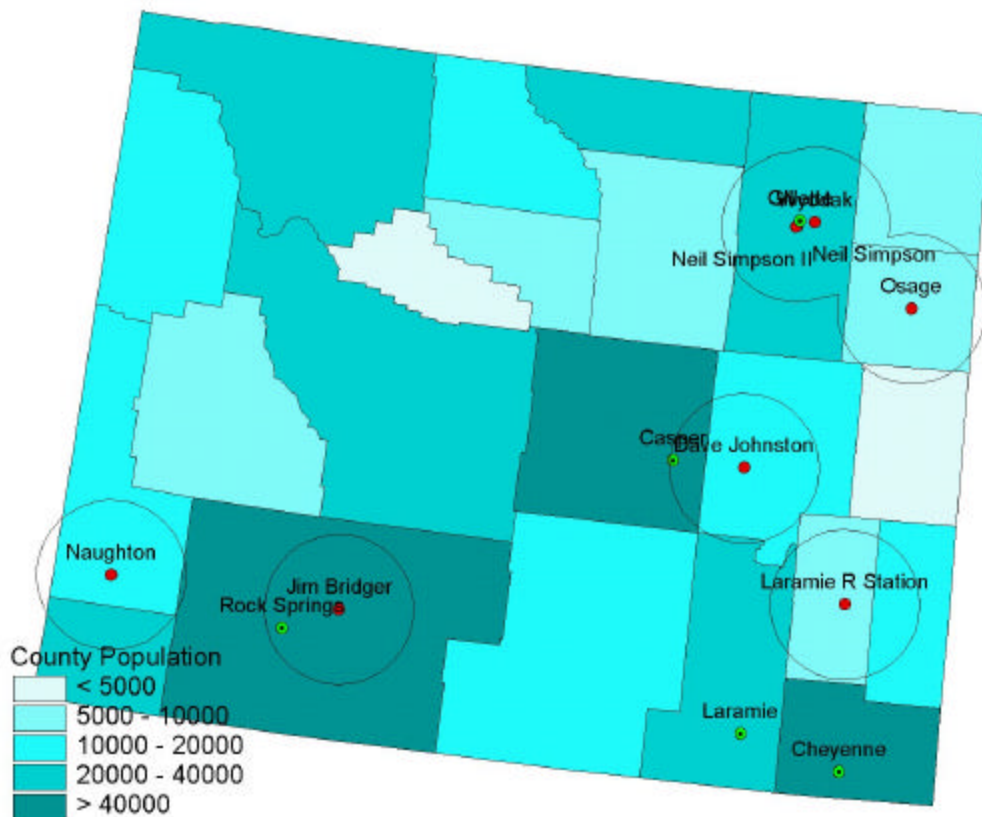


Wyoming State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	8
Total Reported Releases	
Air	51,357,490
Land	6,526
Water	6
Total Lake Acres/River Miles under Mercury Fish Advisory	0 / 0
Total Ozone Non-Attainment Areas	0

Exposure Within 30 Mile Radius

Total Population	261,967
Total Number of Children	76,239
Total Number of Children in Poverty	11,107
Total Number of Children With Asthma	3,880

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

Wyoming

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
Dave Johnston	Converse	7,399,609	16,593	19,386	7,362,207	671	1,204	114	105	226	718	0 (0)	32 (0)	- (-)	5
Jim Bridger	Sweetwater	18,635,931	35,368	20,734	18,576,558	2,250	2,904	251	115	414	1,649	9 (0)	43 (0)	13 (0)	0
Laramie R Station	Platte	14,474,641	18,144	11,418	14,442,863	956	1,303	234	679	289	1,463	11 (0)	33 (0)	42 (0)	0
Naughton	Lincoln	6,049,614	12,845	21,533	6,012,586	1,256	2,471	74	105	112	348	0 (0)	0 (0)	- (-)	1
Neil Simpson II	Campbell	1,266,315	808	663	1,264,726	64	94	17	6	38	841	0 (0)	18 (0)	17 (0)	0
Wyodak	Campbell	3,531,379	5,054	6,566	3,519,336	213	347	58	19	96	585	0 (0)	0 (13.6)	0 (13)	0
Total		51,357,490	88,812	80,300	51,178,276	5,411	8,324	748	1,029	1,175	5,604	20 (0)	144 (14)	89 (13)	6

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.

Wyoming 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
Dave Johnston	WY	Converse	67,239	19,039	3,342	938
Naughton	WY	Lincoln	21,104	7,535	937	403
Wyodak	WY	Campbell	35,819	11,488	1,259	617
Laramie R Station	WY	Platte	14,664	4,052	821	201
Jim Bridger	WY	Sweetwater	36,306	11,902	1,245	592